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CNC CHARLESTON
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RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION REPORT ZONE A VOLUME IV OF V APPENDICES D AND PART OF E CNC CHARLESTON SC
8/7/1998
ENSAFE

ZONE A
RCRA FACILITY INVESTIGATION REPORT
NAVBASE CHARLESTON
NORTH CHARLESTON, SOUTH CAROLINA

Volume IV of V
Appendices D and Part of E

CTO-029
Contract Number: N62467-89-D-0318

Prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
North Charleston, South Carolina

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Revision: 0

Release of this document requires prior notification of the Commanding Officer of the Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina.

Appendix D

Analytical Data

INTRODUCTION

This appendix presents a hard copy of all Zone A RFI data that are maintained in two separate database directories:

1. Zone A Database — All soil and first quarter groundwater samples collected at the sites.
2. Zone A Quarterly Sampling Database — All subsequent quarterly groundwater sampling events, including addendum monitoring wells that were installed.

The database system is designed to permit effective management and sorting of this large quantity of data. There are significant limitations to simply printing the data for inclusion in the report. This appendix has been segregated by both site and sample type to assist the reader in retrieving information. The following information will also assist:

- The database generally prints in alphabetical and numerical order. This separates duplicate samples from their primary samples, resulting in all duplicate soil samples ("C" matrix code) printing before all standard soil samples ("S" matrix code).

  This also impacts the presentation by method. For example, VOC data were entered in the database as reported by the laboratory (App. IX-VOCs, SW-846 VOCs, VOCs, etc.). Therefore, data exists in multiple locations within some of the subsections (in this case sorted by "A", "S", and "V" for the first character).

- Two separate printouts are contained in many of the groundwater subsections, one from each directory. The quarterly sampling data does not sort by sampling event. Generally, Zone A quarterly samples are designated by the last two digits of the sample ID: -02 (second quarter), -03 (third quarter), and -04 (fourth quarter).

- As cited in the text, several of the SWMU 2 monitoring wells were sampled as part of other site investigations. All data for SWMU 2 wells are in one subsection. For example, there is no subsection for SWMU 1 groundwater data as this data was collected from a "SWMU 2" monitoring well.

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE											
	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B001-01		S01-S-B001-02		S01-S-B002-02	
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0101		S01B0102		S01B0202	
	LAB SAMPLE ID --->	L5571-15		L5571-17		S345655*1		S345655*2		S346088A*2	
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0101		S01B0102		S01B0202	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/06/93		10/06/93		10/27/93	
	DATE EXTRACTED -->	10/18/95		10/18/95							
	DATE ANALYZED --->	10/18/95		10/18/95		11/02/93		11/02/93		11/08/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		mg/kg		ug/kg		mg/kg	
CAS #	Parameter	L5571I	VAL	L5571I	VAL	CNS06	VAL	CNS06	VAL	CNS14	VAL
57-12-5	Cyanide (CN)	1.1	U	1.3	U	1.1	UJ	1.1	UJ	1.5	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-META													
	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B001-01		S01-S-B001-02		S01-S-B002-01		S01-S-B002-02	
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0101		S01B0102		S01B0201		S01B0202	
	LAB SAMPLE ID --->	L5571-15		L5571-17		S345655*1		S345655*2		S346088A*1		S346088A*2	
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0101		S01B0102		S01B0201		S01B0202	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/06/93		10/06/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/19/95		10/19/95									
	DATE ANALYZED --->	10/25/95		10/25/95		11/02/93		11/02/93		11/08/93		11/08/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		mg/kg		ug/kg		mg/kg		mg/kg	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	CNS06	VAL	CNS06	VAL	CNS14	VAL	CNS14	VAL
7429-90-5	Aluminum (Al)	2730.		8010.		2500.		4400.		7630.		6050.	
7440-36-0	Antimony (Sb)	11.5	UJ	12.9	UJ	5.7	UJ	5.7	UJ	17.5	J	7.7	UJ
7440-38-2	Arsenic (As)	0.88	U	5.6		1.1	UJ	1.8	J	9.4		15.3	U
7440-39-3	Barium (Ba)	9.	J	19.6	J	7.		14.		98.4		10.	
7440-41-7	Beryllium (Be)	0.23	U	0.25	U	0.57	U	0.57	U	0.59	U	0.77	U
7440-43-9	Cadmium (Cd)	1.1	U	1.3	U	0.57	U	0.57	U	1.2		0.77	U
7440-70-2	Calcium (Ca)	2990.		138000.		2900.		38000.		38100.	J	254000.	J
7440-47-3	Chromium (Cr)	4.3		22.7		3.5		8.8		38.7		53.	
7440-48-4	Cobalt (Co)	1.4	U	1.5	U	1.1	U	1.1	U	1.9		1.5	U
7440-50-8	Copper (Cu)	2.	J	7.6		2.8	UJ	3.5	J	443.	J	16.8	J
7439-89-6	Iron (Fe)	673.	J	5740.	J	490.		4100.		8470.		5180.	
7439-92-1	Lead (Pb)	6.4	J	9.2	J	7.1	J	5.4	J	228.	U	10.4	J
7439-95-4	Magnesium (Mg)	165.	J	2720.		110.		840.		1420.	U	7040.	
7439-96-5	Manganese (Mn)	4.5	J	62.8	J	3.1		83.		109.	J	40.	J
7439-97-6	Mercury (Hg)	0.11	U	0.12	U	0.03	J	0.02	J	14.8	J	0.24	J
7440-02-0	Nickel (Ni)	3.5	J	14.5		4.5	U	4.9		9.		26.7	
7440-09-7	Potassium (K)	117.	U	456.	J	110.	U	200.		466.		1140.	
7782-49-2	Selenium (Se)	0.66	UJ	1.4	J	1.1	UJ	5.7	UJ	1.2	UJ	7.7	UJ
7440-22-4	Silver (Ag)	0.68	U	0.76	U	1.1	U	1.1	U	1.2	U	1.5	U
7440-23-5	Sodium (Na)	227.	J	805.	J	57.	U	230.		252.		1000.	
7440-28-0	Thallium (Tl)	0.88	U	1.	U	1.1	UJ	1.1	UJ	1.2	U	7.7	U
7440-62-2	Vanadium (V)	2.3	J	13.5		1.6		8.5		55.		30.2	
7440-66-6	Zinc (Zn)	349.	J	59.1	J	7.1	J	9.4	J	369.		65.3	
7440-31-5	Tin (Sn)	8.3	U	9.4	U	NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B002-01		S01-S-B002-02			
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0201		S01B0202			
	LAB SAMPLE ID --->	L5571-54		L5571-56		S346088A*1		S346088A*2			
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0201		S01B0202			
	SAMPLE DATE ----->	10/10/95		10/10/95		10/27/93		10/27/93			
	DATE EXTRACTED -->	10/22/95		10/22/95		11/03/93		11/03/93			
	DATE ANALYZED --->	11/07/95		11/07/95		12/07/93		12/07/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		ug/kg		ug/kg			
CAS #	Parameter	L5571	VAL	L5571	VAL	CNS14	VAL	CNS14	VAL		
319-84-6	alpha-BHC	1.9	U	2.2	U	2.	U	2.6	U		
319-85-7	beta-BHC	1.9	U	2.2	U	2.	U	2.6	U		
58-89-9	gamma-BHC (Lindane)	1.9	U	2.2	U	2.	U	2.6	U		
319-86-8	delta-BHC	1.9	U	2.2	U	2.	U	2.6	U		
76-44-8	Heptachlor	1.9	U	2.2	U	2.	U	2.6	U		
309-00-2	Aldrin	1.9	U	2.2	U	2.	U	2.6	U		
1024-57-3	Heptachlor epoxide	1.9	U	2.2	U	2.	U	2.6	U		
5103-74-2	gamma-Chlordane	1.9	U	2.2	U	2.	U	2.6	U		
959-98-8	Endosulfan I	1.9	U	2.2	U	2.	U	2.6	U		
5103-71-9	alpha-Chlordane	1.9	U	2.2	U	2.	U	2.6	U		
72-55-9	4,4'-DDE	3.6	U	4.3	U	4.1		5.1	U		
50-29-3	4,4'-DDT	3.6	U	4.3	U	12.	J	5.1	U		
60-57-1	Dieldrin	3.6	U	4.3	U	3.9	U	5.1	U		
72-20-8	Endrin	3.6	U	4.3	U	3.9	U	5.1	U		
33213-65-9	Endosulfan II	3.6	U	4.3	U	3.9	U	5.1	U		
72-54-8	4,4'-DDD	3.6	U	4.3	U	3.9	U	5.1	U		
7421-93-4	Endrin aldehyde	3.6	U	4.3	U	3.9	U	5.1	U		
1031-07-8	Endosulfan sulfate	3.6	U	4.3	U	3.9	U	5.1	U		
72-43-5	Methoxychlor	19.	U	22.	U	20.	U	26.	U		
8001-35-2	Toxaphene	190.	U	220.	U	200.	U	260.	U		
12674-11-2	Aroclor-1016	14.	U	17.	U	39.	U	51.	U		
11104-28-2	Aroclor-1221	14.	U	17.	U	79.	U	100.	U		
11141-16-5	Aroclor-1232	14.	U	17.	U	39.	U	51.	U		
53469-21-9	Aroclor-1242	14.	U	17.	U	39.	U	51.	U		
12672-29-6	Aroclor-1248	14.	U	17.	U	39.	U	51.	U		
11097-69-1	Aroclor-1254	14.	U	17.	U	39.	U	51.	U		
11096-82-5	Aroclor-1260	14.	U	17.	U	39.	U	51.	U		
57-74-9	Chlordane	44.	U	52.	U	39.	U	51.	U		
53494-70-5	Endrin ketone	NR		NR		NR		NR			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA											
	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B002-01		S01-S-B002-02			
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0201		S01B0202			
	LAB SAMPLE ID --->	L5571-54		L5571-56		S346088A*1		S346088A*2			
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0201		S01B0202			
	SAMPLE DATE ----->	10/10/95		10/10/95		10/27/93		10/27/93			
	DATE EXTRACTED -->	10/19/95		10/19/95		11/02/93		11/02/93			
	DATE ANALYZED --->	10/24/95		10/24/95		11/08/93		11/08/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		ug/kg		ug/kg			
CAS #	Parameter	L5571	VAL	L5571	VAL	CNS14	VAL	CNS14	VAL		
108-95-2	Phenol	750.	U	840.	U	380.	U	500.	U		
111-44-4	bis(2-Chloroethyl)ether	750.	U	840.	U	380.	U	500.	U		
95-57-8	2-Chlorophenol	750.	U	840.	U	380.	U	500.	U		
541-73-1	1,3-Dichlorobenzene	750.	U	840.	U	380.	U	500.	U		
106-46-7	1,4-Dichlorobenzene	750.	U	840.	U	380.	U	500.	U		
100-51-6	Benzyl alcohol	1500.	U	1700.	U	NR		NR			
95-50-1	1,2-Dichlorobenzene	750.	U	840.	U	380.	U	500.	U		
95-48-7	2-Methylphenol (o-Cresol)	750.	U	840.	U	380.	U	500.	U		
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	UJ	840.	UJ	380.	U	500.	U		
621-64-7	N-Nitroso-di-n-propylamine	750.	U	840.	U	380.	U	500.	U		
67-72-1	Hexachloroethane	750.	U	840.	U	380.	U	500.	U		
98-95-3	Nitrobenzene	750.	U	840.	U	380.	U	500.	U		
78-59-1	Isophorone	750.	U	840.	U	380.	U	500.	U		
88-75-5	2-Nitrophenol	750.	U	840.	U	380.	U	500.	U		
105-67-9	2,4-Dimethylphenol	750.	U	840.	U	380.	U	500.	U		
65-85-0	Benzoic acid	3800.	U	4200.	U	NR		NR			
111-91-1	bis(2-Chloroethoxy)methane	750.	U	840.	U	380.	U	500.	U		
120-83-2	2,4-Dichlorophenol	750.	U	840.	U	380.	U	500.	U		
120-82-1	1,2,4-Trichlorobenzene	750.	U	840.	U	380.	U	500.	U		
91-20-3	Naphthalene	750.	U	840.	U	380.	U	500.	U		
106-47-8	4-Chloroaniline	1500.	U	1700.	U	770.	U	1000.	U		
87-68-3	Hexachlorobutadiene	750.	U	840.	U	380.	U	500.	U		
59-50-7	4-Chloro-3-methylphenol	1500.	U	1700.	U	380.	U	500.	U		
91-57-6	2-Methylnaphthalene	750.	U	840.	U	380.	U	500.	U		
77-47-4	Hexachlorocyclopentadiene	750.	U	840.	U	380.	U	500.	U		
88-06-2	2,4,6-Trichlorophenol	750.	U	840.	U	380.	U	500.	U		
95-95-4	2,4,5-Trichlorophenol	750.	U	840.	U	2000.	U	2600.	U		
91-58-7	2-Chloronaphthalene	750.	U	840.	U	380.	U	500.	U		
88-74-4	2-Nitroaniline	3800.	U	4200.	U	2000.	U	2600.	U		
131-11-3	Dimethyl phthalate	750.	U	840.	U	380.	U	500.	U		
208-96-8	Acenaphthylene	750.	U	840.	U	380.	U	500.	U		
606-20-2	2,6-Dinitrotoluene	750.	U	840.	U	380.	U	500.	U		
99-09-2	3-Nitroaniline	3800.	U	4200.	U	2000.	U	2600.	U		
83-32-9	Acenaphthene	750.	U	840.	U	380.	U	500.	U		
51-28-5	2,4-Dinitrophenol	3800.	U	4200.	U	2000.	U	2600.	U		
100-02-7	4-Nitrophenol	3800.	U	4200.	U	2000.	U	2600.	U		

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->		001-S-B001-01		001-S-B001-02		S01-S-B002-01		S01-S-B002-02	
ORIGINAL ID ----->		001SB00101		001SB00102		S01B0201		S01B0202	
LAB SAMPLE ID --->		L5571-54		L5571-56		S346088A*1		S346088A*2	
ID FROM REPORT -->		001SB00101		001SB00102		S01B0201		S01B0202	
SAMPLE DATE ----->		10/10/95		10/10/95		10/27/93		10/27/93	
DATE EXTRACTED -->		10/19/95		10/19/95		11/02/93		11/02/93	
DATE ANALYZED --->		10/24/95		10/24/95		11/08/93		11/08/93	
MATRIX ---------->		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		ug/kg		ug/kg	
CAS #	Parameter	L5571	VAL	L5571	VAL	CNS14	VAL	CNS14	VAL
132-64-9	Dibenzofuran	750.	U	840.	U	380.	U	500.	U
121-14-2	2,4-Dinitrotoluene	750.	U	840.	U	380.	U	500.	U
84-66-2	Diethylphthalate	750.	U	840.	U	380.	U	500.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	840.	U	380.	U	500.	U
86-73-7	Fluorene	750.	U	840.	U	380.	U	500.	U
100-01-6	4-Nitroaniline	3800.	U	4200.	U	2000.	U	2600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	4200.	U	2000.	U	2600.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	840.	U	380.	U	500.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	840.	U	380.	U	500.	U
118-74-1	Hexachlorobenzene	750.	U	840.	U	380.	U	500.	U
87-86-5	Pentachlorophenol	3800.	U	4200.	U	2000.	U	2600.	U
85-01-8	Phenanthrene	750.	U	840.	U	100.	J	500.	U
120-12-7	Anthracene	750.	U	840.	U	380.	U	500.	U
86-74-8	Carbazole	750.	U	840.	U	380.	U	500.	U
84-74-2	Di-n-butylphthalate	750.	U	840.	U	380.	U	500.	U
206-44-0	Fluoranthene	750.	U	840.	U	240.	J	500.	U
129-00-0	Pyrene	750.	U	840.	U	300.	J	500.	U
85-68-7	Butylbenzylphthalate	750.	U	840.	U	380.	U	500.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1700.	U	770.	U	1000.	U
56-55-3	Benzo(a)anthracene	750.	U	840.	U	120.	J	500.	U
218-01-9	Chrysene	750.	U	840.	U	140.	J	500.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	840.	U	380.	U	500.	U
117-84-0	Di-n-octyl phthalate	750.	U	840.	U	380.	U	500.	U
205-99-2	Benzo(b)fluoranthene	750.	U	840.	U	150.	J	500.	U
207-08-9	Benzo(k)fluoranthene	750.	U	840.	U	67.	J	500.	U
50-32-8	Benzo(a)pyrene	750.	U	840.	U	110.	J	500.	U
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	840.	U	97.	J	500.	U
53-70-3	Dibenz(a,h)anthracene	750.	U	840.	U	380.	U	500.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	840.	U	98.	J	500.	U
106-44-5	4-Methylphenol (p-Cresol)	750.	U	840.	U	380.	U	500.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

46-VOA

	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B002-01		S01-S-B002-02			
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0201		S01B0202			
	LAB SAMPLE ID --->	L5571-1		L5571-4		S346088A*1		S346088A*2			
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0201		S01B0202			
	SAMPLE DATE ----->	10/10/95		10/10/95		10/27/93		10/27/93			
	DATE ANALYZED --->	10/19/95		10/19/95		11/09/93		11/09/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		ug/kg		ug/kg			
CAS #	Parameter	L5571	VAL	L5571	VAL	CNS14	VAL	CNS14	VAL		
74-87-3	Chloromethane	5.7	U	6.4	U	12.	U	15.	U		
75-01-4	Vinyl chloride	5.7	U	6.4	U	12.	U	15.	U		
74-83-9	Bromomethane	5.7	U	6.4	U	12.	U	15.	U		
75-00-3	Chloroethane	5.7	U	6.4	U	12.	U	15.	U		
75-69-4	Trichlorofluoromethane	5.7	UJ	6.4	UJ	12.	U	7.7	U		
67-64-1	Acetone	11.	U	44.		90.		110.			
75-35-4	1,1-Dichloroethene	5.7	U	6.4	U	5.9	U	7.7	U		
75-15-0	Carbon disulfide	5.7	U	6.4	U	5.9	U	2.	J		
75-09-2	Methylene chloride	5.7	U	6.4	U	1.8	J	7.7	U		
156-60-5	trans-1,2-Dichloroethene	5.7	U	6.4	U	5.9	U	7.7	U		
108-05-4	Vinyl acetate	11.	UJ	13.	UJ	12.	U	15.	U		
75-34-3	1,1-Dichloroethane	5.7	U	6.4	U	5.9	U	7.7	U		
78-93-3	2-Butanone (MEK)	14.		8.6	J	3.3	J	77.	U		
156-59-2	cis-1,2-Dichloroethene	5.7	U	6.4	U	5.9	U	7.7	U		
67-66-3	Chloroform	5.7	U	6.4	U	5.9	U	7.7	U		
71-55-6	1,1,1-Trichloroethane	5.7	U	6.4	U	2.9	J	8.3			
56-23-5	Carbon tetrachloride	5.7	U	6.4	U	5.9	U	7.7	U		
107-06-2	1,2-Dichloroethane	5.7	U	6.4	U	5.9	U	7.7	U		
71-43-2	Benzene	5.7	U	6.4	U	5.9	U	7.7	U		
79-01-6	Trichloroethene	5.7	U	6.4	U	5.9	U	7.7	U		
78-87-5	1,2-Dichloropropane	5.7	U	6.4	U	5.9	U	7.7	U		
75-27-4	Bromodichloromethane	5.7	U	6.4	U	5.9	U	7.7	U		
110-75-8	2-Chloroethyl vinyl ether	23.	U	25.	U	5.9	U	7.7	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	13.	U	59.	U	77.	U		
10061-01-5	cis-1,3-Dichloropropene	5.7	U	6.4	U	5.9	U	7.7	U		
108-88-3	Toluene	5.7	U	6.4	U	2.9	J	8.9			
10061-02-6	trans-1,3-Dichloropropene	5.7	U	6.4	U	5.9	U	7.7	U		
591-78-6	2-Hexanone	5.7	U	6.4	U	59.	U	77.	U		
79-00-5	1,1,2-Trichloroethane	5.7	U	6.4	U	5.9	U	7.7	U		
127-18-4	Tetrachloroethene	5.7	U	6.4	U	5.9	U	7.7	U		
124-48-1	Dibromochloromethane	5.7	U	6.4	U	5.9	U	7.7	U		
108-90-7	Chlorobenzene	5.7	U	6.4	U	29.		39.			
100-41-4	Ethylbenzene	5.7	U	6.4	U	5.9	U	7.7	U		
1330-20-7	Xylene (Total)	NR		NR		NR		NR			
95-47-6	o-Xylene	5.7	U	6.4	U	5.9	U	7.7	U		
100-42-5	Styrene	5.7	U	6.4	U	5.9	U	7.7	U		
75-25-2	Bromoform	5.7	U	6.4	U	5.9	U	7.7	U		

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	001-S-B001-01		001-S-B001-02		S01-S-B002-01		S01-S-B002-02			
	ORIGINAL ID ----->	001SB00101		001SB00102		S01B0201		S01B0202			
	LAB SAMPLE ID --->	L5571-1		L5571-4		S346088A*1		S346088A*2			
	ID FROM REPORT -->	001SB00101		001SB00102		S01B0201		S01B0202			
	SAMPLE DATE ----->	10/10/95		10/10/95		10/27/93		10/27/93			
	DATE ANALYZED --->	10/19/95		10/19/95		11/09/93		11/09/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		ug/kg		ug/kg			
CAS #	Parameter	L5571	VAL	L5571	VAL	CNS14	VAL	CNS14	VAL		
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	6.4	U	5.9	U	7.7	U		
541-73-1	1,3-Dichlorobenzene	5.7	U	6.4	U	5.9	U	7.7	U		
106-46-7	1,4-Dichlorobenzene	5.7	U	6.4	U	5.9	U	7.7	U		
95-50-1	1,2-Dichlorobenzene	5.7	U	6.4	U	5.9	U	7.7	U		
999900-05-0	m+p Xylene	5.7	U	6.4	U	2.6	J	5.	J		
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 HERB

SAMPLE ID -------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/03/96
DATE ANALYZED --->	04/04/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
94-75-7	2,4-D	126.	U
93-72-1	2,4,5-TP (Silvex)	29.	U
93-76-5	2,4,5-T	33.	U
88-85-7	Dinoseb	75.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/09/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC (Lindane)	2.6	U
76-44-8	Heptachlor	2.6	U
309-00-2	Aldrin	2.6	U
1024-57-3	Heptachlor epoxide	2.6	U
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	5.1	U
72-55-9	4,4'-DDE	140.	D
72-20-8	Endrin	12.	J
33213-65-9	Endosulfan II	5.1	U
72-54-8	4,4'-DDD	8.5	J
1031-07-8	Endosulfan sulfate	5.1	U
50-29-3	4,4'-DDT	26.	J
72-43-5	Methoxychlor	26.	U
53494-70-5	Endrin ketone	5.1	U
7421-93-4	Endrin aldehyde	5.1	U
5103-71-9	alpha-Chlordane	2.6	U
5103-74-2	gamma-Chlordane	2.6	U
8001-35-2	Toxaphene	170.	U
12674-11-2	Aroclor-1016	67.	U
11104-28-2	Aroclor-1221	67.	U
11141-16-5	Aroclor-1232	67.	U
53469-21-9	Aroclor-1242	67.	U
12672-29-6	Aroclor-1248	67.	U
11097-69-1	Aroclor-1254	140.	U
11096-82-5	Aroclor-1260	500.	
57-74-9	Chlordane	2.6	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 SVOA

SAMPLE ID -------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/03/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
108-95-2	Phenol	670.	U
111-44-4	bis(2-Chloroethyl)ether	670.	U
95-57-8	2-Chlorophenol	670.	U
100-51-6	Benzyl alcohol	670.	U
95-48-7	2-Methylphenol (o-Cresol)	670.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	670.	U
621-64-7	N-Nitroso-di-n-propylamine	670.	U
67-72-1	Hexachloroethane	670.	U
98-95-3	Nitrobenzene	670.	U
78-59-1	Isophorone	670.	U
88-75-5	2-Nitrophenol	670.	U
105-67-9	2,4-Dimethylphenol	670.	U
111-91-1	bis(2-Chloroethoxy)methane	670.	U
120-83-2	2,4-Dichlorophenol	670.	U
91-20-3	Naphthalene	670.	U
106-47-8	4-Chloroaniline	670.	U
87-68-3	Hexachlorobutadiene	670.	U
59-50-7	4-Chloro-3-methylphenol	670.	U
91-57-6	2-Methylnaphthalene	140.	J
77-47-4	Hexachlorocyclopentadiene	670.	U
88-06-2	2,4,6-Trichlorophenol	670.	U
95-95-4	2,4,5-Trichlorophenol	3300.	U
91-58-7	2-Chloronaphthalene	670.	U
88-74-4	2-Nitroaniline	3300.	U
131-11-3	Dimethyl phthalate	670.	U
208-96-8	Acenaphthylene	670.	U
606-20-2	2,6-Dinitrotoluene	670.	U
99-09-2	3-Nitroaniline	3300.	U
83-32-9	Acenaphthene	670.	U
51-28-5	2,4-Dinitrophenol	3300.	U
100-02-7	4-Nitrophenol	3300.	U
132-64-9	Dibenzofuran	670.	U
121-14-2	2,4-Dinitrotoluene	670.	U
84-66-2	Diethylphthalate	670.	U
7005-72-3	4-Chlorophenylphenylether	670.	U
86-73-7	Fluorene	670.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

UPX9 SVOA

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/03/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	25106	VAL
100-01-6	4-Nitroaniline	3300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3300.	U
86-30-6	N-Nitrosodiphenylamine	670.	U
101-55-3	4-Bromophenyl-phenylether	670.	U
118-74-1	Hexachlorobenzene	670.	U
87-86-5	Pentachlorophenol	3300.	U
85-01-8	Phenanthrene	150.	J
120-12-7	Anthracene	670.	U
84-74-2	Di-n-butylphthalate	670.	U
206-44-0	Fluoranthene	170.	J
129-00-0	Pyrene	120.	J
85-68-7	Butylbenzylphthalate	670.	U
91-94-1	3,3'-Dichlorobenzidine	1300.	U
56-55-3	Benzo(a)anthracene	670.	U
218-01-9	Chrysene	130.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	670.	U
117-84-0	Di-n-octyl phthalate	670.	U
205-99-2	Benzo(b)fluoranthene	120.	J
207-08-9	Benzo(k)fluoranthene	74.	J
50-32-8	Benzo(a)pyrene	78.	J
193-39-5	Indeno(1,2,3-cd)pyrene	670.	U
53-70-3	Dibenz(a,h)anthracene	670.	U
191-24-2	Benzo(g,h,i)perylene	73.	J
95-53-4	o-Toluidine	670.	U
1888-71-7	Hexachloropropene	670.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	670.	U
608-93-5	Pentachlorobenzene	670.	U
91-59-8	2-Naphthylamine	670.	U
134-32-7	1-Naphthylamine	670.	U
297-97-2	Thionazin	1300.	U
99-55-8	5-Nitro-o-toluidine	670.	U
2303-16-4	Diallate	670.	UJ
298-02-2	Phorate	670.	U
62-44-2	Phenacetin	670.	U
60-51-5	Dimethoate	670.	U
92-67-1	4-Aminobiphenyl	670.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 SVOA

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/03/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
23950-58-5	Pronamide	670.	U
298-04-4	Disulfoton	670.	U
298-00-0	Methyl parathion	1300.	U
56-38-2	Parathion	1300.	UJ
140-57-8	Aramite	3300.	U
510-15-6	Chlorobenzilate	670.	U
119-93-7	3,3-Dimethylbenzidine	670.	U
52-85-7	Famphur	670.	U
53-96-3	Acetamidofluorene	670.	U
70-30-4	Hexachlorophene	13000.	UR
56-49-5	3-Methyl cholanthrene	670.	U
110-86-1	Pyridine	670.	U
76-01-7	Pentachloroethane	670.	U
62-75-9	N-Nitrosodimethylamine	670.	U
109-06-8	2-Picoline	670.	U
10595-95-6	N-Nitrosomethylethylamine	670.	U
66-27-3	Methyl methanesulfonate	3300.	U
55-18-5	N-Nitrosodiethylamine	670.	U
62-50-0	Ethyl methanesulfonate	670.	U
62-53-3	Aniline	670.	U
930-55-2	N-Nitrosopyrrolidine	670.	U
59-89-2	N-Nitrosomorpholine	670.	U
999900-32-2	3-Methylphenol/4-Methylphenol	670.	U
98-86-2	Acetophenone	670.	U
87-65-0	2,6-Dichlorophenol	670.	U
100-75-4	N-Nitrosopiperidine	670.	U
924-16-3	N-Nitroso-di-n-butylamine	670.	U
120-58-1	Isosafrole	670.	U
94-59-7	Safrole	670.	U
130-15-4	1,4-Naphthoquinone	670.	U
99-65-0	1,3-Dinitrobenzene	670.	U
58-90-2	2,3,4,6-Tetrachlorophenol	670.	U
99-35-4	1,3,5-Trinitrobenzene	670.	UJ
82-68-8	Pentachloronitrobenzene	3300.	UR
88-85-7	Dinoseb	670.	U
3689-24-5	Sulfotep	1300.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 SVOA

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/03/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	25106	VAL
126-68-1	O,O,O-Triethylphosphorothioate	670.	U
60-11-7	p-(Dimethylamino)azobenzene	670.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	3300.	U
56-57-5	4-Nitroquinoline 1-oxide	3300.	UR
91-80-5	Methapyrilene	1300.	UR
108-39-4	3-Methylphenol (m-Cresol)	670.	U
541-73-1	1,3-Dichlorobenzene	670.	U
106-46-7	1,4-Dichlorobenzene	670.	U
95-50-1	1,2-Dichlorobenzene	670.	U
106-44-5	4-Methylphenol (p-Cresol)	670.	U
120-82-1	1,2,4-Trichlorobenzene	670.	U
86-74-8	Carbazole	670.	U
96-12-8	1,2-Dibromo-3-Chloropropane	670.	UR
122-09-8	a,a-Dimethylphenethylamine	670.	U
106-50-3	p-Phenylenediamine	3300.	U
122-39-4	Diphenylamine	670.	U
465-73-6	Isodrin	1300.	U
143-50-0	Kepone	3300.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE ANALYZED --->	04/02/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
74-87-3	Chloromethane	24.	U
75-01-4	Vinyl chloride	24.	U
74-83-9	Bromomethane	24.	U
75-00-3	Chloroethane	24.	UJ
75-69-4	Trichlorofluoromethane	12.	U
67-64-1	Acetone	29.	J
75-35-4	1,1-Dichloroethene	12.	U
75-15-0	Carbon disulfide	12.	U
75-09-2	Methylene chloride	22.	UR
156-60-5	trans-1,2-Dichloroethene	12.	U
108-05-4	Vinyl acetate	24.	U
75-34-3	1,1-Dichloroethane	12.	U
78-93-3	2-Butanone (MEK)	6.	J
67-66-3	Chloroform	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U
56-23-5	Carbon tetrachloride	12.	U
107-06-2	1,2-Dichloroethane	12.	U
71-43-2	Benzene	12.	U
79-01-6	Trichloroethene	12.	U
78-87-5	1,2-Dichloropropane	12.	U
75-27-4	Bromodichloromethane	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	24.	UJ
10061-01-5	cis-1,3-Dichloropropene	12.	U
108-88-3	Toluene	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U
591-78-6	2-Hexanone	24.	UJ
79-00-5	1,1,2-Trichloroethane	12.	U
127-18-4	Tetrachloroethene	12.	U
124-48-1	Dibromochloromethane	12.	U
108-90-7	Chlorobenzene	12.	U
100-41-4	Ethylbenzene	12.	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	12.	U
100-42-5	Styrene	12.	U
75-25-2	Bromoform	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U
541-73-1	1,3-Dichlorobenzene	12.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE ANALYZED --->	04/02/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	25106	VAL
106-46-7	1,4-Dichlorobenzene	12.	U
95-50-1	1,2-Dichlorobenzene	12.	U
75-05-8	Acetonitrile	490.	UR
107-02-8	Acrolein	120.	UR
107-13-1	Acrylonitrile	120.	U
107-05-1	3-Chloropropene	12.	U
106-93-4	1, 2-Dibromoethane	12.	U
74-95-3	Methylene bromide	24.	U
96-12-8	1,2-Dibromo-3-Chloropropane	24.	U
110-57-6	trans-1,4-Dichloro-2-butene	12.	U
75-71-8	Dichlorodifluoromethane	12.	U
123-91-1	1,4-Dioxane	1200.	UR
107-12-0	Propionitrile	240.	U
97-63-2	Ethyl methacrylate	12.	U
74-88-4	Methyl iodide	12.	U
78-83-1	Isobutyl alcohol	490.	UR
126-98-7	Methacrylonitrile	240.	U
80-62-6	Methyl methacrylate	12.	U
630-20-6	1,1,1,2-Tetrachloroethane	12.	U
120-82-1	1,2,4-Trichlorobenzene	12.	U
96-18-4	1,2,3-Trichloropropane	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U
110-75-8	2-Chloroethyl vinyl ether	24.	U
126-99-8	Chloroprene	12.	U
76-01-7	Pentachloroethane	12.	U
71-36-3	n-Butyl alcohol	12.	U
999900-05-0	m+p Xylene	12.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-HERB													
	SAMPLE ID ------->	002-C-B001-01		002-C-B002-01		002-C-B007-01		002-C-B011-02		002-C-B013-01		002-C-B024-02	
	ORIGINAL ID ----->	002CB00101		002CB00201		002CB00701		002CB01102		002CB01301		002CB02402	
	LAB SAMPLE ID --->	L5568-10		L5568-12		L5568-9		L5568-13		L5568-11		L5568-15	
	ID FROM REPORT -->	002CB00101		002CB00201		002CB00701		002CB01102		002CB01301		002CB02402	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/26/95		10/26/95		10/26/95		10/26/95		10/26/95		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL
94-75-7	2,4-D	180.	U	180.	U	150.	U	180.	U	170.	U	170.	U
93-72-1	2,4,5-TP (Silvex)	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
93-76-5	2,4,5-T	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

YANIDE

	SAMPLE ID ------->	D02-M-0004-01		S02-S-B001-01		S02-S-B001-02		S02-S-B002-02		S02-S-B003-01		S02-S-B004-02	
	ORIGINAL ID ----->	D02M000401		S02B0101		S02B0102		S02B0202		S02B0301		S02B0402	
	LAB SAMPLE ID --->	25107.03		S345616*1		S345616*2		S345655*9		S345655*11		S345655*18	
	ID FROM REPORT -->	D02M000401		S02B0101		S02B0102		S02B0202		S02B0301		S02B0402	
	SAMPLE DATE ----->	03/29/96		10/05/93		10/05/93		10/06/93		10/06/93		10/06/93	
	DATE EXTRACTED -->	04/01/96											
	DATE ANALYZED --->	04/05/96		10/21/93		10/21/93		11/01/93		11/01/93		11/01/93	
	MATRIX ---------->	Sediment		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	25106	VAL	CNS06	VAL	CNS06	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL
57-12-5	Cyanide (CN)	0.37	J	1.2	UJ	1.2	UJ	1.2	U	1.1	UJ	1.2	UJ

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE															
		SAMPLE ID ------->	S02-S-B005-01		S02-S-B005-02		S02-C-B006-01		S02-S-B006-01		S02-S-B006-02		S02-S-B007-01		
		ORIGINAL ID ----->	S02B0501		S02B0502		S02B061D		S02B0601		S02B0602		S02B0701		
		LAB SAMPLE ID --->	S345675*5		S345675*6		S345655A*1		S345655*3		S345655*4		S345655*5		
		ID FROM REPORT -->	S02B0501		S02B0502		S02B061D		S02B0601		S02B0602		S02B0701		
		SAMPLE DATE ----->	10/07/93		10/07/93		10/06/93		10/06/93		10/06/93		10/06/93		
		DATE ANALYZED --->	11/01/93		11/04/93		11/02/93		11/01/93		11/01/93		11/01/93		
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
CAS #	Parameter		CNS07	VAL	CNS07	VAL	CNS08	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	
57-12-5	Cyanide (CN)		1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.3	UJ	1.1	UJ	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	S02-S-B007-02		S02-S-B008-01		S02-S-B008-02		S02-S-B009-01		S02-S-B009-02		S02-S-B010-01	
	ORIGINAL ID ----->	S02B0702		S02B0801		S02B0802		S02B0901		S02B0902		S02B1001	
	LAB SAMPLE ID --->	S345655*6		S345655*7		S345655*10		S345655*12		S345655*13		S345655*14	
	ID FROM REPORT -->	S02B0702		S02B0801		S02B0802		S02B0901		S02B0902		S02B1001	
	SAMPLE DATE ----->	10/06/93		10/06/93		10/06/93		10/06/93		10/06/93		10/06/93	
	DATE ANALYZED --->	11/01/93		11/01/93		11/01/93		11/01/93		11/01/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL
57-12-5	Cyanide (CN)	1.3	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
	SAMPLE ID ------->	S02-C-B010-02		S02-S-B010-02		S02-S-B011-01		S02-S-B011-02		S02-S-B012-01		S02-S-B012-02	
	ORIGINAL ID ----->	S02B102D		S02B1002		S02B1101		S02B1102		S02B1201		S02B1202	
	LAB SAMPLE ID --->	S345655A*2		S345655*15		S345655*16		S345655*17		S345675*7		S345675*8	
	ID FROM REPORT -->	S02B102D		S02B1002		S02B1101		S02B1102		S02B1201		S02B1202	
	SAMPLE DATE ----->	10/06/93		10/06/93		10/06/93		10/06/93		10/07/93		10/07/93	
	DATE ANALYZED --->	11/02/93		11/01/93		11/01/93		11/01/93		11/01/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS08	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL
57-12-5	Cyanide (CN)	1.5	UJ	1.5	UJ	1.3	UJ	1.3	UJ	1.1	UJ	1.8	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	S02-S-B013-01		S02-S-B013-02		S02-S-B014-01		S02-S-B015-01		S02-C-B016-01		S02-S-B016-01	
	ORIGINAL ID ----->	S02B1301		S02B1302		S02B1401		S02B1501		S02B161D		S02B1601	
	LAB SAMPLE ID --->	S345675*9		S345675*10		S345675*11		S345997*15		S346028A*1		S346028*1	
	ID FROM REPORT -->	S02B1301		S02B1302		S02B1401		S02B1501		S02B161D		S02B1601	
	SAMPLE DATE ----->	10/07/93		10/07/93		10/07/93		10/25/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/02/93		11/02/93		11/02/93		11/09/93		11/08/93		11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS16	VAL	CNS14	VAL	CNS16	VAL
57-12-5	Cyanide (CN)	1.1	UJ	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
	SAMPLE ID ------->	S02-S-B016-02		S02-S-B017-01		S02-S-B017-02		S02-S-B018-01		S02-S-B018-02		S02-S-B019-01	
	ORIGINAL ID ----->	S02B1602		S02B1701		S02B1702		S02B1801		S02B1802		S02B1901	
	LAB SAMPLE ID --->	S346028*2		S346028*3		S346028*4		S346028*5		S346028*6		S346028*7	
	ID FROM REPORT -->	S02B1602		S02B1701		S02B1702		S02B1801		S02B1802		S02B1901	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/09/93		11/09/93		11/09/93		11/09/93		11/09/93		11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL
57-12-5	Cyanide (CN)	1.2	UJ	1.1	U	1.7	UJ	1.1	UJ	1.4	UJ	1.1	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	S02-S-B019-02		S02-S-B020-01		S02-S-B020-02		S02-S-B021-01		S02-S-B021-02		S02-S-B022-01	
	ORIGINAL ID ----->	S02B1902		S02B2001		S02B2002		S02B2101		S02B2102		S02B2201	
	LAB SAMPLE ID --->	S346028*8		S346028*9		S346028*10		S346028*11		S346028*12		S346028*13	
	ID FROM REPORT -->	S02B1902		S02B2001		S02B2002		S02B2101		S02B2102		S02B2201	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/09/93		11/11/93		11/11/93		11/11/93		11/11/93		11/11/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS16	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
57-12-5	Cyanide (CN)	1.1	UJ	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE											
		SAMPLE ID ------->	S02-S-B022-02		S02-S-B023-01		S02-S-B023-02				
		ORIGINAL ID ----->	S02B2202		S02B2301		S02B2302				
		LAB SAMPLE ID --->	S346028*14		S346028*15		S346028*16				
		ID FROM REPORT -->	S02B2202		S02B2301		S02B2302				
		SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93				
		DATE ANALYZED --->	11/11/93		11/11/93		11/11/93				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	mg/kg		mg/kg		mg/kg				
CAS #	Parameter		CNS17	VAL	CNS17	VAL	CNS17	VAL			
57-12-5	Cyanide (CN)		1.1	U	1.	U	1.7	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME																	
		SAMPLE ID ------->	002-M-0004-01		002-C-B001-01		002-C-B002-01		002-C-B007-01		002-C-B011-02		002-C-B013-01	
		ORIGINAL ID ----->	002M000401		002CB00101		002CB00201		002CB00701		002CB01102		002CB01301	
		LAB SAMPLE ID --->	25107.03		L5568-2		L5568-4		L5568-1		L5568-5		L5568-3	
		ID FROM REPORT -->	002M000401		002CB00101		002CB00201		002CB00701		002CB01102		002CB01301	
		SAMPLE DATE ----->	03/29/96		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
		DATE EXTRACTED -->	04/02/96		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
		DATE ANALYZED --->	04/02/96		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
		MATRIX ---------->	Sediment		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		25106	VAL	L5568I	VAL	L5568I	VAL	L5568I	VAL	L5568I	VAL	L5568I	VAL
18540-29-9	Chromium (Hexavalent)		0.049	U	0.059	J	0.027	J	0.1	J	0.024	U	0.026	J

*** Validati Complete ***

HEXACHROME

SAMPLE ID ------->	002-C-B024-02
ORIGINAL ID ----->	002CB02402
LAB SAMPLE ID --->	L5568-6
ID FROM REPORT -->	002CB02402
SAMPLE DATE ----->	10/10/95
DATE EXTRACTED -->	10/11/95
DATE ANALYZED --->	10/11/95
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	L5568I	VAL
18540-29-9	Chromium (Hexavalent)	0.07	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P PEST

	SAMPLE ID ------->	002-C-B001-01		002-C-B002-01		002-C-B007-01		002-C-B011-02		002-C-B013-01		002-C-B024-02	
	ORIGINAL ID ----->	002CB00101		002CB00201		002CB00701		002CB01102		002CB01301		002CB02402	
	LAB SAMPLE ID --->	L5568-10		L5568-12		L5568-9		L5568-13		L5568-11		L5568-15	
	ID FROM REPORT -->	002CB00101		002CB00201		002CB00701		002CB01102		002CB01301		002CB02402	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/17/95		10/17/95		10/17/95		10/17/95		10/17/95		10/17/95	
	DATE ANALYZED --->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL	L5568	VAL
60-51-5	Dimethoate	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
298-04-4	Disulfoton	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
52-85-7	Famphur	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
56-38-2	Parathion	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
298-00-0	Methyl parathion	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
298-02-2	Phorate	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
3689-24-5	Sulfotep	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
297-97-2	Thionazin	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U
126-68-1	O,O,O-Triethylphosphorothioate	60.	U	60.	U	50.	U	60.	U	55.	U	55.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-DIOX

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/02/96
DATE ANALYZED --->	04/05/96
MATRIX ---------->	Sediment
UNITS ----------->	NG/KG

CAS #	Parameter	25106	VAL
1746-01-6	2378-TCDD	0.607	U
40321-76-4	12378-PeCDD	1.99	U
39227-28-6	123478-HxCDD	0.984	U
57653-85-7	123678-HxCDD	0.617	U
19408-74-3	123789-HxCDD	0.715	U
35822-46-9	1234678-HpCDD	41.3	
3268-87-9	OCDD	336.	
51207-31-9	2378-TCDF	0.46	U
57117-41-6	12378-PeCDF	0.567	U
57117-31-4	23478-PeCDF	0.569	U
70648-26-9	123478-HxCDF	3.15	EMPC
57117-44-9	123678-HxCDF	0.827	U
60851-34-5	234678-HxCDF	1.24	U
72918-21-9	123789-HxCDF	1.27	U
67562-39-4	1234678-HpCDF	12.3	
55673-89-7	1234789-HpCDF	1.3	U
39001-02-0	OCDF	21.2	
41903-57-5	Total Tetra-Dioxins	0.607	U
36088-22-9	Total Penta-Dioxins	1.99	U
34465-46-8	Total Hexa-Dioxins	0.617	U
37871-00-4	Total Hepta-Dioxins	121.	
55722-27-5	Total Tetra-Furans	0.46	U
30602-15-4	Total Penta-Furans	7.72	
55684-94-1	Total Hexa-Furans	9.39	
38998-75-3	Total Hepta-Furans	12.3	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-M-0003-01		002-M-0004-01		002-M-0005-01		002-S-B001-01		002-C-B001-01		002-S-B001-02	
	ORIGINAL ID ----->	002M000301		002M000401		002M000501		002SB00101		002CB00101		002SB00102	
	LAB SAMPLE ID --->	25106.26		25107.03		25106.27		L5571-10		L5568-2		L5571-12	
	ID FROM REPORT -->	002M000301		002M000401		002M000501		002SB00101		002CB00101		002SB00102	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	L5571S	VAL	L5568S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	11300.		3000.		27000.		7260.		9190.		6310.	
7440-36-0	Antimony (Sb)	11.5	J	6.6	J	1.8	J	12.8	UJ	12.2	U	11.7	UJ
7440-38-2	Arsenic (As)	19.6		18.3		9.		12.7		9.9		2.2	J
7440-39-3	Barium (Ba)	63.2		40.4		260.		52.9		49.9		12.3	J
7440-41-7	Beryllium (Be)	0.69		0.44	J	2.1		0.28	J	0.32	J	0.23	U
7440-43-9	Cadmium (Cd)	7.2		5.7		1.7	J	2.4		1.7		1.2	U
7440-70-2	Calcium (Ca)	39900.	J	2110.	J	8300.	J	132000.		80500.	J	1550.	
7440-47-3	Chromium (Cr)	56.4		17.5		45.5		26.5		24.4		7.3	
7440-48-4	Cobalt (Co)	5.7	J	5.	J	14.		4.3	J	3.7	J	1.4	U
7440-50-8	Copper (Cu)	125.		103.		100.		79.5		54.1		1.7	J
7439-89-6	Iron (Fe)	16800.		7390.		19400.		10800.	J	10600.	J	3180.	J
7439-92-1	Lead (Pb)	1110.	J	876.	J	441.	J	233.	J	154.		5.1	J
7439-95-4	Magnesium (Mg)	1270.		259.		590.		2310.		1840.		349.	J
7439-96-5	Manganese (Mn)	75.4		17.9		172.		170.	J	98.5	J	12.1	J
7439-97-6	Mercury (Hg)	0.23		0.13		0.15	U	0.23		0.12	U	0.11	U
7440-02-0	Nickel (Ni)	29.4		22.1		55.		21.2		15.3		3.2	U
7440-09-7	Potassium (K)	1830.		854.	J	2760.		556.	J	502.	J	126.	J
7782-49-2	Selenium (Se)	0.93	U	0.91	J	1.4	U	0.73	UJ	0.74	U	0.7	UJ
7440-22-4	Silver (Ag)	0.59	U	0.55	U	0.88	U	0.75	U	0.72	U	0.69	U
7440-23-5	Sodium (Na)	219.	J	147.	J	235.	J	341.	J	352.	J	229.	J
7440-28-0	Thallium (Tl)	1.1	U	1.2	J	1.6	U	0.98	U	0.98	U	0.93	U
7440-62-2	Vanadium (V)	56.8		31.7		29.8		24.4		25.5		10.3	J
7440-66-6	Zinc (Zn)	832.		453.		355.		227.	J	148.	J	11.9	J
7440-31-5	Tin (Sn)	4.8	J	3.5	J	4.3	J	9.3	U	8.9	U	8.5	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B002-01		002-C-B002-01		002-S-B002-02		002-S-B003-01		002-S-B003-02		002-S-B004-01	
	ORIGINAL ID ----->	002SB00201		002CB00201		002SB00202		002SB00301		002SB00302		002SB00401	
	LAB SAMPLE ID --->	L5571-28		L5568-4		L5571-29		L5571-31		L5571-32		L5571-35	
	ID FROM REPORT -->	002SB00201		002CB00201		002SB00202		002SB00301		002SB00302		002SB00401	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/26/95		10/25/95		10/26/95		10/26/95		10/26/95		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5568S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	6810.		5400.		4500.		14000.		14000.		11000.	
7440-36-0	Antimony (Sb)	12.1	UJ	11.9	U	13.1	UJ	12.8	UJ	12.6	UJ	11.6	UJ
7440-38-2	Arsenic (As)	3.7		3.3		1.5	J	8.5		7.9		8.5	
7440-39-3	Barium (Ba)	14.4	J	22.1	J	18.2	J	21.2	J	13.5	J	26.3	J
7440-41-7	Beryllium (Be)	0.24	U	0.23	U	0.26	U	0.25	U	0.25	U	0.23	U
7440-43-9	Cadmium (Cd)	1.2	U	1.2	U	1.3	U	1.2	U	1.2	U	1.1	U
7440-70-2	Calcium (Ca)	4280.		4660.	J	3960.		2760.		846.	J	3960.	
7440-47-3	Chromium (Cr)	10.2		8.2		6.5		17.9		14.9		16.6	
7440-48-4	Cobalt (Co)	1.4	U	1.4	U	1.5	U	8.5	J	1.5	U	1.4	U
7440-50-8	Copper (Cu)	7.8		7.8		4.6	J	4.3	J	1.5	J	18.7	
7439-89-6	Iron (Fe)	4890.	J	4750.	J	2930.	J	15700.	J	13300.	J	13000.	J
7439-92-1	Lead (Pb)	6.7	J	8.1		9.5	J	10.9	J	4.9	J	29.9	J
7439-95-4	Magnesium (Mg)	365.	J	306.	J	312.	J	561.	J	361.	J	428.	J
7439-96-5	Manganese (Mn)	10.8	J	10.1	J	13.8	J	23.6	J	7.7	J	66.8	J
7439-97-6	Mercury (Hg)	0.12	U	0.1	U	0.13	U	0.11	U	0.12	U	0.11	U
7440-02-0	Nickel (Ni)	18.7		19.1		3.8	J	11.2		3.8	J	7.1	J
7440-09-7	Potassium (K)	176.	J	122.	J	134.	U	287.	J	299.	J	288.	J
7782-49-2	Selenium (Se)	1.2	J	0.71	U	0.77	UJ	1.4	J	1.4	J	1.2	J
7440-22-4	Silver (Ag)	0.71	U	0.7	U	0.77	U	0.75	U	0.74	U	0.68	U
7440-23-5	Sodium (Na)	182.	J	218.	J	215.	J	232.	J	190.	J	230.	J
7440-28-0	Thallium (Tl)	0.95	U	0.94	U	1.	U	1.	U	0.99	U	0.92	U
7440-62-2	Vanadium (V)	12.3		10.1	J	7.1	J	25.4		26.2		21.4	
7440-66-6	Zinc (Zn)	20.6	J	19.7	J	11.7	J	16.9	J	6.	J	30.	J
7440-31-5	Tin (Sn)	8.8	U	8.6	U	9.5	U	9.2	U	9.1	U	10.4	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META													
	SAMPLE ID ------->	002-S-B004-02		002-S-B005-01		002-S-B005-02		002-S-B006-01		002-S-B006-02		002-S-B007-01	
	ORIGINAL ID ----->	002SB00402		002SB00501		002SB00502		002SB00601		002SB00602		002SB00701	
	LAB SAMPLE ID --->	L5571-36		L5571-24		L5571-27		L5571-20		L5571-21		L5571-9	
	ID FROM REPORT -->	002SB00402		002SB00501		002SB00502		002SB00601		002SB00602		002SB00701	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/26/95		10/26/95		10/26/95		10/25/95		10/26/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	11800.		10200.		8160.		17400.		5670.		5870.	
7440-36-0	Antimony (Sb)	12.3	UJ	11.5	UJ	18.1	UJ	13.3	UJ	12.9	UJ	10.3	UJ
7440-38-2	Arsenic (As)	5.3		5.8		7.2		15.4		3.2		3.9	
7440-39-3	Barium (Ba)	15.5	J	15.6	J	14.2	J	30.9	J	17.2	J	23.2	J
7440-41-7	Beryllium (Be)	0.24	U	0.22	U	0.36	U	0.36	J	0.25	U	0.2	U
7440-43-9	Cadmium (Cd)	1.2	U	1.1	U	1.8	U	1.3	U	1.3	U	1.	U
7440-70-2	Calcium (Ca)	700.	J	5220.		265000.		37300.		10100.		51500.	
7440-47-3	Chromium (Cr)	12.9		12.		76.7		28.7		10.1		12.4	
7440-48-4	Cobalt (Co)	1.5	U	1.3	U	2.1	U	1.9	J	1.5	U	1.5	J
7440-50-8	Copper (Cu)	1.5	J	8.5		16.3		26.9		9.9		126.	
7439-89-6	Iron (Fe)	10800.	J	8470.	J	7230.	J	16700.	J	4820.	J	8060.	J
7439-92-1	Lead (Pb)	4.3	J	8.	J	3.9	J	36.7	J	45.3	J	186.	J
7439-95-4	Magnesium (Mg)	340.	J	513.	J	9970.		2170.		714.	J	873.	J
7439-96-5	Manganese (Mn)	9.5	J	14.4	J	46.4	J	64.9	J	30.5	J	68.	J
7439-97-6	Mercury (Hg)	0.11	U	0.11	U	0.18	U	0.12	U	0.12	U	0.1	U
7440-02-0	Nickel (Ni)	3.4	U	3.1	U	33.9		15.1		4.2	J	8.4	
7440-09-7	Potassium (K)	276.	J	299.	J	1620.	J	803.	J	429.	J	324.	J
7782-49-2	Selenium (Se)	0.75	J	1.1	J	5.3	J	0.85	J	0.79	J	0.62	UJ
7440-22-4	Silver (Ag)	0.73	U	0.67	U	1.1	U	0.78	U	0.76	U	0.61	U
7440-23-5	Sodium (Na)	234.	J	317.	J	1590.	J	451.	J	264.	J	227.	J
7440-28-0	Thallium (Tl)	0.97	U	0.9	U	1.4	U	1.1	U	1.	U	0.82	U
7440-62-2	Vanadium (V)	19.5		17.3		40.3		35.4		13.7		20.	
7440-66-6	Zinc (Zn)	4.7	J	10.7	J	69.9	J	120.	J	44.9	J	87.3	J
7440-31-5	Tin (Sn)	10.1	J	8.3	U	13.1	U	9.6	U	9.4	U	7.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	002-C-B007-01		002-S-B007-02		002-S-B008-01		002-S-B008-02		002-S-B009-01		002-S-B009-02	
	ORIGINAL ID ----->	002CB00701		002SB00702		002SB00801		002SB00802		002SB00901		002SB00902	
	LAB SAMPLE ID --->	L5568-1		L5571-11		L5571-22		L5571-23		L5571-25		L5571-26	
	ID FROM REPORT -->	002CB00701		002SB00702		002SB00801		002SB00802		002SB00901		002SB00902	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/26/95		10/26/95		10/26/95		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5568S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	4490.		8700.		10000.		6310.		5630.		17700.	
7440-36-0	Antimony (Sb)	10.4	U	11.1	UJ	11.8	UJ	16.5	UJ	18.	J	11.8	UJ
7440-38-2	Arsenic (As)	4.6		2.1	J	3.5		7.		9.5		1.3	J
7440-39-3	Barium (Ba)	26.1	J	25.7	J	16.5	J	9.3	J	59.1		43.1	J
7440-41-7	Beryllium (Be)	0.2	U	0.29	J	0.23	U	0.32	U	0.45	J	0.23	U
7440-43-9	Cadmium (Cd)	1.	U	1.1	U	1.2	U	1.6	U	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	129000.	J	3430.		54800.		316000.		7500.		1520.	
7440-47-3	Chromium (Cr)	17.3		8.		20.3		65.5		33.2		22.6	
7440-48-4	Cobalt (Co)	2.7	J	1.3	U	2.6	J	1.9	U	16.6		1.4	U
7440-50-8	Copper (Cu)	181.		2.2	J	5.6	J	14.4		108.		4.3	J
7439-89-6	Iron (Fe)	7860.	J	5180.	J	6890.	J	4850.	J	11200.	J	3130.	J
7439-92-1	Lead (Pb)	222.		4.5	J	8.1	J	4.9	UJ	1170.	J	12.1	J
7439-95-4	Magnesium (Mg)	1740.		628.	J	1910.		9920.		1150.	J	378.	J
7439-96-5	Manganese (Mn)	105.	J	106.	J	22.2	J	24.3	J	98.1	J	10.7	J
7439-97-6	Mercury (Hg)	0.09	U	0.11	U	0.12	U	0.16	U	0.56		0.12	U
7440-02-0	Nickel (Ni)	13.1		4.6	J	10.8		28.5		37.2		3.2	U
7440-09-7	Potassium (K)	409.	J	191.	J	515.	J	1070.	J	241.	J	391.	J
7782-49-2	Selenium (Se)	0.61	UJ	0.65	UJ	1.6	J	5.9	J	1.2	J	1.3	J
7440-22-4	Silver (Ag)	0.61	U	0.66	U	0.7	U	0.97	U	0.72	U	0.7	U
7440-23-5	Sodium (Na)	264.	J	232.	J	406.	J	1990.		432.	J	204.	J
7440-28-0	Thallium (Tl)	0.82	U	0.87	U	0.93	U	1.3	U	0.97	U	0.93	U
7440-62-2	Vanadium (V)	18.6		9.5	J	18.		37.8		49.2		23.2	
7440-66-6	Zinc (Zn)	215.	J	15.9	J	21.8	J	63.5	J	393.	J	8.9	J
7440-31-5	Tin (Sn)	7.6	U	8.1	U	8.6	U	12.	U	8.9	U	8.6	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B010-01		002-S-B010-02		002-S-B011-01		002-S-B011-02		002-C-B011-02		002-S-B012-01	
	ORIGINAL ID ----->	002SB01001		002SB01002		002SB01101		002SB01102		002CB01102		002SB01201	
	LAB SAMPLE ID --->	L5571-50		L5571-51		L5571-30		L5571-34		L5568-5		L5571-13	
	ID FROM REPORT -->	002SB01001		002SB01002		002SB01101		002SB01102		002CB01102		002SB01201	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/20/95		10/20/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/26/95		10/26/95		10/26/95		10/26/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5568S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	9290.		7820.		12800.		13900.		12000.		11600.	
7440-36-0	Antimony (Sb)	11.9	UJ	12.1	UJ	11.8	UJ	12.4	UJ	12.1	U	11.2	UJ
7440-38-2	Arsenic (As)	2.7		3.7		9.3		5.9		7.5		5.6	
7440-39-3	Barium (Ba)	32.7	J	11.6	J	19.3	J	16.6	J	14.7	J	15.7	J
7440-41-7	Beryllium (Be)	0.23	U	0.24	U	0.23	U	0.24	U	0.24	U	0.22	U
7440-43-9	Cadmium (Cd)	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
7440-70-2	Calcium (Ca)	14300.		619.	J	5740.		1810.		2150.	J	6770.	
7440-47-3	Chromium (Cr)	21.3		9.		16.7		20.4		19.		13.6	
7440-48-4	Cobalt (Co)	1.4	U	1.4	U	2.	J	1.5	U	1.4	U	1.3	U
7440-50-8	Copper (Cu)	14.3		1.4	J	14.		2.4	J	2.4	J	9.3	
7439-89-6	Iron (Fe)	6880.	J	6550.	J	12200.	J	17900.	J	15400.	J	10300.	J
7439-92-1	Lead (Pb)	76.6	J	6.4	J	11.4	J	8.5	J	9.7		14.4	J
7439-95-4	Magnesium (Mg)	1520.		246.	J	691.	J	537.	J	478.	J	351.	J
7439-96-5	Manganese (Mn)	16.4	J	5.9	J	19.5	J	22.9	J	9.2	J	12.8	J
7439-97-6	Mercury (Hg)	0.28		0.12	U	0.12	U	0.12	U	0.1	U	0.11	U
7440-02-0	Nickel (Ni)	6.	J	3.3	U	6.	J	3.4	U	5.	J	4.1	J
7440-09-7	Potassium (K)	309.	J	150.	J	417.	J	367.	J	391.	J	221.	J
7782-49-2	Selenium (Se)	0.7	UJ	0.71	UJ	1.7	J	1.7	J	0.78	J	0.65	UJ
7440-22-4	Silver (Ag)	0.7	U	0.71	U	0.7	U	0.73	U	0.71	U	0.66	U
7440-23-5	Sodium (Na)	304.	J	199.	J	275.	J	590.	J	642.	J	210.	J
7440-28-0	Thallium (Tl)	0.93	U	0.95	U	0.93	U	0.97	U	0.94	U	0.86	UJ
7440-62-2	Vanadium (V)	19.9		12.3		26.6		35.7		33.3		20.	
7440-66-6	Zinc (Zn)	48.8	J	5.7	J	18.7	J	8.6	J	7.7	J	13.4	J
7440-31-5	Tin (Sn)	8.6	U	8.8	U	8.6	U	9.	U	8.8	U	8.2	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B012-02		002-S-B013-01		002-C-B013-01		002-S-B013-02		002-S-B014-01		002-S-B014-02	
	ORIGINAL ID ----->	002SB01202		002SB01301		002CB01301		002SB01302		002SB01401		002SB01402	
	LAB SAMPLE ID --->	L5571-14		L5571-18		L5568-3		L5571-19		L5571-52		L5571-53	
	ID FROM REPORT -->	002SB01202		002SB01301		002CB01301		002SB01302		002SB01401		002SB01402	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/20/95		10/20/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/26/95		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	L5568S	VAL	L5571S	VAL	L5571S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	7520.		10700.		11100.		8930.		9330.		16800.	
7440-36-0	Antimony (Sb)	11.3	UJ	11.1	UJ	11.2	U	12.3	J	12.6	UJ	12.6	UJ
7440-38-2	Arsenic (As)	2.3		5.		6.1		4.6		2.6		6.5	
7440-39-3	Barium (Ba)	23.8	J	19.5	J	21.5	J	33.	J	20.7	J	20.	J
7440-41-7	Beryllium (Be)	0.29	J	0.22	U	0.22	U	0.3	J	0.25	U	0.25	U
7440-43-9	Cadmium (Cd)	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	1410.		26800.		40800.	J	19200.		3750.		1010.	J
7440-47-3	Chromium (Cr)	7.3		16.1		15.		8.2		11.8		15.6	
7440-48-4	Cobalt (Co)	1.4	J	1.3	U	1.3	U	1.6	J	12.7		1.5	U
7440-50-8	Copper (Cu)	3.2	J	14.		11.3		4.2	J	14.8		1.7	J
7439-89-6	Iron (Fe)	4530.	J	11600.	J	12200.	J	5960.	J	14100.	J	11200.	J
7439-92-1	Lead (Pb)	14.4	J	37.7	J	54.8		8.3	J	8.3	J	7.3	J
7439-95-4	Magnesium (Mg)	401.	J	560.	J	712.	J	607.	J	337.	J	416.	J
7439-96-5	Manganese (Mn)	271.	J	38.8	J	67.6	J	308.	J	24.	J	9.4	J
7439-97-6	Mercury (Hg)	0.11	U	0.1	U	0.11	U	0.25		0.12	U	0.12	U
7440-02-0	Nickel (Ni)	5.	J	6.2	J	6.	J	5.	J	12.9		3.9	J
7440-09-7	Potassium (K)	145.	J	239.	J	275.	J	168.	J	298.	J	347.	J
7782-49-2	Selenium (Se)	0.65	UJ	0.65	UJ	0.66	U	0.67	UJ	0.74	UJ	1.2	J
7440-22-4	Silver (Ag)	0.66	U	0.65	U	0.66	U	0.66	U	1.3	J	0.74	U
7440-23-5	Sodium (Na)	226.	J	227.	J	234.	J	211.	J	243.	J	251.	J
7440-28-0	Thallium (Tl)	0.86	U	0.86	U	0.88	U	0.89	U	0.99	U	0.99	U
7440-62-2	Vanadium (V)	9.8	J	21.2		22.9		9.4	J	19.		27.	
7440-66-6	Zinc (Zn)	12.6	J	24.1	J	25.8	J	14.4	J	11.3	J	6.8	J
7440-31-5	Tin (Sn)	8.2	U	8.	U	8.1	U	8.1	U	9.2	U	9.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B015-01		002-S-B015-02		002-S-B016-01		002-C-B016-01		002-S-B016-02		002-S-B017-01	
	ORIGINAL ID ----->	002SB01501		002SB01502		002SB01601		002CB01601		002SB01602		002SB01701	
	LAB SAMPLE ID --->	L5571-37		L5571-38		28347.02		28348.01		28347.03		28347.01	
	ID FROM REPORT -->	002SB01501		002SB01502		002SB01601		002CB01601		002SB01602		002SB01701	
	SAMPLE DATE ----->	10/10/95		10/10/95		01/30/97		01/30/97		01/30/97		01/30/97	
	DATE EXTRACTED -->	10/19/95		10/20/95		02/07/97		02/07/97		02/07/97		02/07/97	
	DATE ANALYZED --->	10/26/95		10/26/95		02/19/97		02/19/97		02/19/97		02/19/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	28347	VAL	28347	VAL	28347	VAL	28347	VAL
7429-90-5	Aluminum (Al)	3240.		11200.		8190.		6450.		5940.		2860.	
7440-36-0	Antimony (Sb)	13.3	J	12.5	UJ	2.9	U	1.3	U	0.37	U	2.	U
7440-38-2	Arsenic (As)	14.5		4.8		6.2		3.6	U	2.5	U	2.1	U
7440-39-3	Barium (Ba)	164.		20.6	J	16.5		17.7		8.3		9.7	
7440-41-7	Beryllium (Be)	0.62	J	0.24	U	0.1	J	0.08	J	0.05	J	0.05	J
7440-43-9	Cadmium (Cd)	1.3	U	1.2	U	3.4	J	0.88	J	0.05	U	3.7	
7440-70-2	Calcium (Ca)	14500.		1980.		1030.		1160.		381.		688.	
7440-47-3	Chromium (Cr)	20.9		14.4		19.2	J	9.	J	6.4		3.2	
7440-48-4	Cobalt (Co)	5.	J	1.5	U	0.86	J	0.52	J	0.32	J	0.73	J
7440-50-8	Copper (Cu)	101.		4.4	J	90.3	J	27.4	J	0.85	J	2.8	
7439-89-6	Iron (Fe)	9730.	J	13800.	J	17500.		10200.		4380.		1640.	
7439-92-1	Lead (Pb)	657.	J	11.3	J	97.6	J	27.7	J	3.5		6.2	
7439-95-4	Magnesium (Mg)	470.	J	354.	J	210.		167.		207.		96.1	
7439-96-5	Manganese (Mn)	56.6	J	17.6	J	39.9		32.2		5.3		7.9	
7439-97-6	Mercury (Hg)	0.32		0.12	U	0.07	J	0.31	J	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	28.6		3.4	U	14.	J	5.7	J	0.89	J	9.5	
7440-09-7	Potassium (K)	255.	J	380.	J	262.	J	232.	U	276.	J	68.9	J
7782-49-2	Selenium (Se)	1.4	J	1.1	J	0.89		0.46	J	0.45	J	0.36	U
7440-22-4	Silver (Ag)	0.76	U	0.73	U	0.22	U	0.22	U	0.24	U	0.23	U
7440-23-5	Sodium (Na)	281.	J	233.	J	175.	J	218.	J	252.	J	199.	J
7440-28-0	Thallium (Tl)	1.	U	0.99	U	2.8		1.5		0.66	J	0.41	U
7440-62-2	Vanadium (V)	15.9		27.3		19.4		13.8		10.8		4.5	
7440-66-6	Zinc (Zn)	220.	J	12.5	J	1420.	J	88.7	J	3.		128.	
7440-31-5	Tin (Sn)	10.8	J	9.1	U	5.1	J	1.8	J	1.2	J	1.4	J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META	SAMPLE ID ------->	002-S-B018-01		002-S-B018-02		002-S-B019-01		002-S-B019-02		002-S-B020-01		002-S-B020-02	
	ORIGINAL ID ----->	002SB01801		002SB01802		002SB01901		002SB01902		002SB02001		002SB02002	
	LAB SAMPLE ID --->	28347.04		28347.05		L5571-45		L5571-46		28333.03		28333.04	
	ID FROM REPORT -->	002SB01801		002SB01802		002SB01901		002SB01902		002SB02001		002SB02002	
	SAMPLE DATE ----->	01/30/97		01/30/97		10/10/95		10/10/95		01/29/97		01/29/97	
	DATE EXTRACTED -->	02/07/97		02/07/97		10/20/95		10/20/95		02/07/97		02/07/97	
	DATE ANALYZED --->	02/19/97		02/19/97		10/26/95		10/26/95		02/12/97		02/12/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28347	VAL	28347	VAL	L5571S	VAL	L5571S	VAL	28333	VAL	28333	VAL
7429-90-5	Aluminum (Al)	8780.		12900.		10100.		8650.		7380.		9200.	
7440-36-0	Antimony (Sb)	1.3	U	0.37	U	11.3	UJ	15.1	UJ	54.4		0.37	U
7440-38-2	Arsenic (As)	7.1		13.8		7.1		6.2		5.6		3.9	
7440-39-3	Barium (Ba)	22.4		18.1		16.7	J	18.1	J	44.5		19.1	
7440-41-7	Beryllium (Be)	0.08	J	0.13	J	0.22	U	0.3	U	0.21	J	0.14	J
7440-43-9	Cadmium (Cd)	1.9		0.05	U	1.1	U	1.5	U	3.8		0.05	U
7440-70-2	Calcium (Ca)	984.		908.		18300.		279000.		13900.		2200.	
7440-47-3	Chromium (Cr)	10.1		18.5		12.9		67.2		28.4		12.8	
7440-48-4	Cobalt (Co)	0.52	J	1.8	J	1.3	U	1.8	U	2.4		0.43	J
7440-50-8	Copper (Cu)	1.9	J	1.2	J	4.1	J	18.4		120.		2.1	J
7439-89-6	Iron (Fe)	13300.		20800.		13200.	J	8440.	J	20000.		8560.	
7439-92-1	Lead (Pb)	6.5		7.		18.2	J	29.3	J	3870.		13.3	
7439-95-4	Magnesium (Mg)	269.		294.		845.	J	9390.		811.		305.	
7439-96-5	Manganese (Mn)	8.1		9.8		28.9	J	63.2	J	130.		9.	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.11	U	0.15	U	1.9		0.04	U
7440-02-0	Nickel (Ni)	1.3	J	5.1		9.6		32.9		13.5		1.7	J
7440-09-7	Potassium (K)	314.	J	485.	J	287.	J	1420.	J	269.	J	315.	J
7782-49-2	Selenium (Se)	1.		1.2		0.67	UJ	2.4	J	1.3		0.78	
7440-22-4	Silver (Ag)	0.23	U	0.24	U	0.67	U	0.89	U	0.21	U	0.23	U
7440-23-5	Sodium (Na)	238.	J	226.	J	391.	J	1430.	J	201.	J	260.	J
7440-28-0	Thallium (Tl)	2.3		3.3		0.89	U	1.2	U	0.6	J	0.42	U
7440-62-2	Vanadium (V)	26.		47.8		20.3		37.6		15.4		22.	
7440-66-6	Zinc (Zn)	5.2		63.4		9.3	J	76.7	J	1070.		8.4	
7440-31-5	Tin (Sn)	1.2	J	1.5	J	8.2	U	11.	U	8.3		1.6	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	002-S-B021-01		002-C-B021-01		002-S-B021-02		002-S-B022-01		002-S-B022-02		002-S-B023-01	
	ORIGINAL ID ----->	002SB02101		002CB02101		002SB02102		002SB02201		002SB02202		002SB02301	
	LAB SAMPLE ID --->	28333.01		28334.01		28333.02		28316.07		28316.08		L5571-41	
	ID FROM REPORT -->	002SB02101		002CB02101		002SB02102		002SB02201		002SB02202		002SB02301	
	SAMPLE DATE ----->	01/29/97		01/29/97		01/29/97		01/28/97		01/28/97		10/10/95	
	DATE EXTRACTED -->	02/07/97		02/07/97		02/07/97		02/03/97		02/03/97		10/20/95	
	DATE ANALYZED --->	02/12/97		02/12/97		02/12/97		02/12/97		02/12/97		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28333	VAL	28333	VAL	28333	VAL	28316	VAL	28316	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	5920.		7000.		6190.		7050.		6030.		5780.	
7440-36-0	Antimony (Sb)	5.2	J	7.		1.5	J	7.6		0.37	U	11.7	UJ
7440-38-2	Arsenic (As)	3.8		4.5		7.4		3.5		1.1	J	29.4	
7440-39-3	Barium (Ba)	18.7		18.7		12.3		38.2		10.4		71.6	
7440-41-7	Beryllium (Be)	0.11	J	0.14	J	0.11	J	0.13	J	0.09	J	0.33	J
7440-43-9	Cadmium (Cd)	0.59		0.69		0.09	J	4.6		0.05	U	2.1	
7440-70-2	Calcium (Ca)	3430.		2740.		1360.		7220.		459.		53700.	
7440-47-3	Chromium (Cr)	22.1		17.5		13.4		20.9		6.7		19.3	
7440-48-4	Cobalt (Co)	1.	J	1.3	J	0.49	J	1.4	J	0.35	J	3.4	J
7440-50-8	Copper (Cu)	18.5		23.		5.3		32.5		1.1	J	70.2	
7439-89-6	Iron (Fe)	12100.		15600.		14000.		12100.		3270.		20800.	J
7439-92-1	Lead (Pb)	584.		599.		179.		162.		4.7		427.	J
7439-95-4	Magnesium (Mg)	264.		290.		211.		519.		204.		1120.	J
7439-96-5	Manganese (Mn)	65.8		67.7		11.1		66.1		6.1		114.	J
7439-97-6	Mercury (Hg)	2.6	J	6.3	J	0.07		1.3		0.04	U	0.6	
7440-02-0	Nickel (Ni)	5.		9.3		1.5	J	6.1		1.4	J	32.9	
7440-09-7	Potassium (K)	232.	J	260.	J	240.	U	317.	J	244.	U	390.	J
7782-49-2	Selenium (Se)	0.53	J	1.2		1.1		0.79		0.37	U	1.3	J
7440-22-4	Silver (Ag)	0.22	U	0.22	U	0.23	U	0.21	U	0.23	U	0.69	U
7440-23-5	Sodium (Na)	198.	J	199.	J	296.		220.	J	200.	J	359.	J
7440-28-0	Thallium (Tl)	0.69	J	0.39	U	0.61	J	0.38	U	0.42	U	0.92	U
7440-62-2	Vanadium (V)	14.9		15.5		30.5		15.4		8.9		16.3	
7440-66-6	Zinc (Zn)	155.		150.		32.1		363.		5.8		191.	J
7440-31-5	Tin (Sn)	2.1	J	3.	J	4.5	J	5.8	U	0.84	U	8.6	J

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	002-S-B023-02		002-S-B024-01		002-S-B024-02		002-C-B024-02		002-S-B025-01		002-S-B025-02	
	ORIGINAL ID ----->	002SB02302		002SB02401		002SB02402		002CB02402		002SB02501		002SB02502	
	LAB SAMPLE ID --->	L5571-42		L5571-47		L5571-48		L5568-6		L5571-39		L5571-40	
	ID FROM REPORT -->	002SB02302		002SB02401		002SB02402		002CB02402		002SB02501		002SB02502	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/10/95		10/10/95		10/10/95	
	DATE EXTRACTED -->	10/20/95		10/20/95		10/20/95		10/19/95		10/20/95		10/20/95	
	DATE ANALYZED --->	10/26/95		10/26/95		10/26/95		10/25/95		10/26/95		10/26/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5568S	VAL	L5571S	VAL	L5571S	VAL
7429-90-5	Aluminum (Al)	15300.		13300.		9750.		9170.		7260.		5540.	
7440-36-0	Antimony (Sb)	12.6	UJ	11.9	UJ	11.6	UJ	11.1	U	11.1	UJ	15.5	UJ
7440-38-2	Arsenic (As)	7.2		7.7		2.7		3.5		5.9		5.3	
7440-39-3	Barium (Ba)	16.8	J	19.	J	23.9	J	21.9	J	15.	J	8.9	J
7440-41-7	Beryllium (Be)	0.25	U	0.23	U	0.23	U	0.22	U	0.22	U	0.3	U
7440-43-9	Cadmium (Cd)	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.5	U
7440-70-2	Calcium (Ca)	822.	J	115000.		1760.		1530.	J	27800.		302000.	
7440-47-3	Chromium (Cr)	23.5		38.		17.5		16.		13.3		56.9	
7440-48-4	Cobalt (Co)	1.5	U	1.4	U	1.4	U	1.3	J	1.3	U	1.8	U
7440-50-8	Copper (Cu)	4.7	J	6.8		2.9	J	2.8	J	5.6		12.8	
7439-89-6	Iron (Fe)	15500.	J	12000.	J	12700.	J	11100.	J	8330.	J	5030.	J
7439-92-1	Lead (Pb)	7.8	J	3.7	J	5.8	J	8.4		31.7	J	0.91	UJ
7439-95-4	Magnesium (Mg)	822.	J	4060.		727.	J	664.	J	1150.		9350.	
7439-96-5	Manganese (Mn)	13.5	J	53.7	J	68.7	J	60.9	J	21.9	J	26.4	J
7439-97-6	Mercury (Hg)	0.12	U	0.12	U	0.11	U	0.1	U	0.11	U	0.15	U
7440-02-0	Nickel (Ni)	3.5	U	17.4		3.2	U	4.	J	5.3	J	27.8	
7440-09-7	Potassium (K)	843.	J	773.	J	301.	J	269.	J	409.	J	1250.	J
7782-49-2	Selenium (Se)	0.74	UJ	1.4	J	1.3	J	0.67	U	0.65	UJ	5.5	J
7440-22-4	Silver (Ag)	0.74	U	0.7	U	0.68	U	0.65	U	0.65	U	0.91	U
7440-23-5	Sodium (Na)	1460.		669.	J	425.	J	418.	J	851.	J	3730.	
7440-28-0	Thallium (Tl)	0.99	U	0.94	U	0.91	U	0.89	UJ	0.87	U	1.2	U
7440-62-2	Vanadium (V)	42.2		32.5		23.		20.5		16.		35.3	
7440-66-6	Zinc (Zn)	9.2	J	40.2	J	14.1	J	13.3	J	35.5	J	65.9	J
7440-31-5	Tin (Sn)	9.1	U	11.8	J	8.4	U	8.1	U	8.1	U	11.3	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B026-01		002-S-B026-02		002-S-B027-01		002-S-B028-01		002-S-B029-01		002-S-B030-01	
	ORIGINAL ID ----->	002SB02601		002SB02602		002SB02701		002SB02801		002SB02901		002SB03001	
	LAB SAMPLE ID --->	L5571-44		L5571-49		L5571-43		L5563-120		L5563-121		25106.25	
	ID FROM REPORT -->	002SB02601		002SB02602		002SB02701		002SB02801		002SB02901		002SB03001	
	SAMPLE DATE ----->	10/10/95		10/10/95		10/10/95		10/09/95		10/09/95		03/29/96	
	DATE EXTRACTED -->	10/20/95		10/20/95		10/20/95		10/17/95		10/17/95		04/01/96	
	DATE ANALYZED --->	10/26/95		10/26/95		10/26/95		10/25/95		10/25/95		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5571S	VAL	L5571S	VAL	L5571S	VAL	L5563S	VAL	L5563S	VAL	25106	VAL
7429-90-5	Aluminum (Al)	8140.		14500.		1280.		40100.		12100.		4360.	
7440-36-0	Antimony (Sb)	11.7	UJ	13.	UJ	10.9	UJ	56.4	U	28.2	U	0.34	UJ
7440-38-2	Arsenic (As)	11.		6.2		2.5		21.5		13.6		2.4	
7440-39-3	Barium (Ba)	35.7	J	19.6	J	6.1	J	128.	J	54.9	J	14.	
7440-41-7	Beryllium (Be)	0.23	U	0.25	U	2.4	U	1.1	U	0.55	U	0.08	J
7440-43-9	Cadmium (Cd)	1.1	U	1.3	U	1.1	U	6.6		4.9		0.12	J
7440-70-2	Calcium (Ca)	37100.		3250.		356000.		57400.	J	3360.	J	1870.	J
7440-47-3	Chromium (Cr)	15.1		23.		6.5		112.	J	39.4	J	6.7	
7440-48-4	Cobalt (Co)	1.4	U	1.5	U	2.7	J	8.1	J	5.1	J	0.24	J
7440-50-8	Copper (Cu)	22.7		3.4	J	4.6	J	174.		130.		6.4	
7439-89-6	Iron (Fe)	13600.	J	24200.	J	4690.	J	34200.	J	14500.	J	5630.	
7439-92-1	Lead (Pb)	75.4	J	7.	J	6.8	J	1500.		1050.		7.5	J
7439-95-4	Magnesium (Mg)	1080.	J	520.	J	4320.		3390.	J	810.	J	174.	
7439-96-5	Manganese (Mn)	72.6	J	10.2	J	354.	J	150.	J	32.8	J	6.5	
7439-97-6	Mercury (Hg)	0.11	U	0.13	U	0.11	U	0.55	UJ	0.28	UJ	0.04	U
7440-02-0	Nickel (Ni)	8.9	J	3.6	U	11.3		61.7		32.3		1.	J
7440-09-7	Potassium (K)	319.	J	444.	J	543.	J	1820.	J	677.	J	582.	
7782-49-2	Selenium (Se)	0.94	J	0.76	UJ	0.64	UJ	3.3	UJ	1.7	U	0.34	U
7440-22-4	Silver (Ag)	0.69	U	0.76	U	0.64	U	3.3	U	1.7	U	0.22	U
7440-23-5	Sodium (Na)	255.	J	588.	J	305.	J	1110.	J	585.	J	81.1	J
7440-28-0	Thallium (Tl)	0.92	U	1.	U	0.85	U	4.4	U	2.3	U	0.39	U
7440-62-2	Vanadium (V)	21.9		46.3		6.1	J	114.		50.8		11.4	
7440-66-6	Zinc (Zn)	40.1	J	7.	J	21.3	J	982.		524.		5.5	
7440-31-5	Tin (Sn)	8.5	U	9.4	U	7.9	U	45.5	J	24.2	J	0.57	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	002-S-B031-01		002-S-B031-02		002-S-B033-01		002-S-B033-02		002-S-B034-01		002-S-B034-02	
	ORIGINAL ID ----->	002SB03101		002SB03102		002SB03301		002SB03302		002SB03401		002SB03402	
	LAB SAMPLE ID --->	28347.06		28347.07		28316.03		28316.04		28316.01		28316.02	
	ID FROM REPORT -->	002SB03101		002SB03102		002SB03301		002SB03302		002SB03401		002SB03402	
	SAMPLE DATE ----->	01/30/97		01/30/97		01/28/97		01/28/97		01/28/97		01/28/97	
	DATE EXTRACTED -->	02/07/97		02/07/97		02/03/97		02/03/97		02/03/97		02/03/97	
	DATE ANALYZED --->	02/19/97		02/19/97		02/12/97		02/12/97		02/12/97		02/12/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28347	VAL	28347	VAL	28316	VAL	28316	VAL	28316	VAL	28316	VAL
7429-90-5	Aluminum (Al)	8540.		8630.		5830.		12700.		4120.		8340.	
7440-36-0	Antimony (Sb)	0.36	U	0.38	U	1.2	J	0.51	J	3.	J	0.36	U
7440-38-2	Arsenic (As)	3.	U	5.7		8.3		6.2		2.7		8.7	
7440-39-3	Barium (Ba)	11.1		14.4		28.6		17.4		34.8		16.2	
7440-41-7	Beryllium (Be)	0.07	J	0.06	J	0.17	J	0.16	J	0.2	J	0.13	J
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.4	J	0.05	U	0.42	J	0.05	U
7440-70-2	Calcium (Ca)	618.		692.		3970.		1970.		2980.		403.	
7440-47-3	Chromium (Cr)	9.3		11.		11.7		22.2		10.		14.7	
7440-48-4	Cobalt (Co)	0.97	J	0.76	J	1.2	J	0.64	J	0.76	J	0.42	J
7440-50-8	Copper (Cu)	2.2	J	1.8	J	12.4		3.3		54.7		1.	J
7439-89-6	Iron (Fe)	7170.		12500.		9970.		19900.		4430.		16300.	
7439-92-1	Lead (Pb)	6.5		5.5		35.2		13.7		190.		8.3	
7439-95-4	Magnesium (Mg)	233.		231.		287.		385.		189.		216.	
7439-96-5	Manganese (Mn)	8.5		7.8		19.4		10.9		15.4		9.2	
7439-97-6	Mercury (Hg)	0.04		0.04	U	0.08		0.04	U	0.14		0.04	U
7440-02-0	Nickel (Ni)	1.6	J	1.3	J	3.	J	2.	J	5.9		1.	J
7440-09-7	Potassium (K)	317.	J	351.	J	286.	J	404.	J	235.	U	243.	U
7782-49-2	Selenium (Se)	0.48	J	0.87		1.		1.5		0.47	J	1.4	
7440-22-4	Silver (Ag)	0.23	U	0.24	U	0.22	U	0.23	U	0.22	U	0.23	U
7440-23-5	Sodium (Na)	185.	J	235.	J	251.	J	679.		180.	J	197.	J
7440-28-0	Thallium (Tl)	1.1	J	1.8		0.49	J	0.75	J	0.4	U	0.68	J
7440-62-2	Vanadium (V)	16.2		21.		20.2		44.3		10.7		29.6	
7440-66-6	Zinc (Zn)	7.		5.6		99.2		20.5		164.		8.4	
7440-31-5	Tin (Sn)	1.3	J	1.2	J	1.2	U	2.	U	3.	U	1.4	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-S-B035-01		002-S-B036-01		002-S-B036-02		002-S-B037-01		002-S-B037-02		002-S-B038-01	
	ORIGINAL ID ----->	002SB03501		002SB03601		002SB03602		002SB03701		002SB03702		002SB03801	
	LAB SAMPLE ID --->	28333.09		28333.07		28333.08		28333.12		28333.13		28333.10	
	ID FROM REPORT -->	002SB03501		002SB03601		002SB03602		002SB03701		002SB03702		002SB03801	
	SAMPLE DATE ----->	01/29/97		01/29/97		01/29/97		01/29/97		01/29/97		01/29/97	
	DATE EXTRACTED -->	02/07/97		02/07/97		02/07/97		02/07/97		02/07/97		02/07/97	
	DATE ANALYZED --->	02/12/97		02/12/97		02/12/97		02/12/97		02/12/97		02/12/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28333	VAL	28333	VAL	28333	VAL	28333	VAL	28333	VAL	28333	VAL
7429-90-5	Aluminum (Al)	5060.		7540.		5400.		6270.		7180.		6320.	
7440-36-0	Antimony (Sb)	2.7	J	470.		13.		1.5	J	0.53	J	2.7	J
7440-38-2	Arsenic (As)	0.93	J	7.9		6.2		21.5		26.5		7.5	
7440-39-3	Barium (Ba)	11.9		150.		12.2		15.6		13.7		12.6	
7440-41-7	Beryllium (Be)	0.23	J	0.37		0.47		0.39		0.34		0.12	J
7440-43-9	Cadmium (Cd)	0.43	J	5.1		0.67	J	1.4		0.37	J	0.87	J
7440-70-2	Calcium (Ca)	529.		1680.		208000.		151000.		126000.		2430.	
7440-47-3	Chromium (Cr)	7.1		24.6		48.4		38.4		28.		9.	
7440-48-4	Cobalt (Co)	2.1	J	56.3		1.2	J	66.9		1.6	J	20.7	
7440-50-8	Copper (Cu)	2.9		549.		12.7		475.		49.4		25.3	J
7439-89-6	Iron (Fe)	2730.		12300.		5430.		7900.		5770.		5530.	
7439-92-1	Lead (Pb)	184.		89000.		1120.		62.7		6.9		12.	J
7439-95-4	Magnesium (Mg)	344.		590.		5510.		2980.		2200.		220.	
7439-96-5	Manganese (Mn)	9.2		74.		37.8		81.8		49.		17.4	
7439-97-6	Mercury (Hg)	0.1		0.32		0.05	U	0.05	U	0.05	U	0.05	
7440-02-0	Nickel (Ni)	2.1	J	38.2		22.4		188.		14.4		31.2	
7440-09-7	Potassium (K)	243.	U	298.	J	1100.		738.		637.	J	265.	J
7782-49-2	Selenium (Se)	0.43	J	1.4		1.8		1.5		1.9		0.36	U
7440-22-4	Silver (Ag)	0.23	U	7.8		0.29	U	0.83	J	0.27	U	0.7	J
7440-23-5	Sodium (Na)	171.	J	226.	J	859.		646.		673.		168.	J
7440-28-0	Thallium (Tl)	0.41	U	0.42	U	0.53	U	0.5	U	0.48	U	0.41	U
7440-62-2	Vanadium (V)	5.2		16.2		26.3		21.3		19.9		12.7	
7440-66-6	Zinc (Zn)	15.7		156.		60.		75.		58.7		58.3	J
7440-31-5	Tin (Sn)	1.2	J	13.6		1.7	J	3.6	J	3.4	J	1.5	J

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-C-B038-01		002-S-B038-02		002-S-B039-01		002-S-B039-02		002-S-B040-01		002-S-B040-02	
	ORIGINAL ID ----->	002CB03801		002SB03802		002SB03901		002SB03902		002SB04001		002SB04002	
	LAB SAMPLE ID --->	28334.02		28333.11		28316.05		28316.06		28333.05		28333.06	
	ID FROM REPORT -->	002CB03801		002SB03802		002SB03901		002SB03902		002SB04001		002SB04002	
	SAMPLE DATE ----->	01/29/97		01/29/97		01/28/97		01/28/97		01/29/97		01/29/97	
	DATE EXTRACTED -->	02/07/97		02/07/97		02/03/97		02/03/97		02/07/97		02/07/97	
	DATE ANALYZED --->	02/12/97		02/12/97		02/12/97		02/12/97		02/12/97		02/12/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28333	VAL	28333	VAL	28316	VAL	28316	VAL	28333	VAL	28333	VAL
7429-90-5	Aluminum (Al)	7360.		10400.		10700.		12000.		8300.		9330.	
7440-36-0	Antimony (Sb)	3.6	J	1.2	J	3.4	J	0.7	J	0.43	J	0.42	U
7440-38-2	Arsenic (As)	6.4		5.		9.2		5.8		3.3		6.2	
7440-39-3	Barium (Ba)	16.		16.4		30.8		22.7		12.7		14.4	
7440-41-7	Beryllium (Be)	0.14	J	0.25	J	0.27		0.2	J	0.11	J	0.39	
7440-43-9	Cadmium (Cd)	2.2	J	0.23	J	1.7		0.16	J	0.05	U	0.21	J
7440-70-2	Calcium (Ca)	3300.		44200.		40600.		9460.		13800.		110000.	
7440-47-3	Chromium (Cr)	12.		19.7		22.		17.		10.6		26.4	
7440-48-4	Cobalt (Co)	33.6		2.5	J	1.7	J	0.78	J	0.48	J	1.1	J
7440-50-8	Copper (Cu)	49.4	J	5.6		15.8		5.1		0.78	J	5.5	
7439-89-6	Iron (Fe)	5460.		6860.		9890.		11600.		10800.		8510.	
7439-92-1	Lead (Pb)	32.1	J	19.4		326.		74.1		15.7		5.	
7439-95-4	Magnesium (Mg)	276.		1330.		1620.		833.		382.		3020.	
7439-96-5	Manganese (Mn)	29.5		22.3		2380.		168.		8.6		23.2	
7439-97-6	Mercury (Hg)	0.04	U	0.05	U	0.16		0.14		0.04	U	0.05	U
7440-02-0	Nickel (Ni)	28.2		10.5		9.7		3.1	J	1.6	J	12.9	
7440-09-7	Potassium (K)	304.	J	529.	J	532.	J	676.		252.	J	594.	J
7782-49-2	Selenium (Se)	0.5	J	1.1		1.4		0.9		0.83		1.	
7440-22-4	Silver (Ag)	1.7		0.26	U	0.36	J	0.24	U	0.22	U	0.27	U
7440-23-5	Sodium (Na)	200.	J	412.		702.		1230.		176.	J	583.	
7440-28-0	Thallium (Tl)	0.48	J	0.47	U	1.5		0.43	J	0.4	U	0.48	U
7440-62-2	Vanadium (V)	13.5		22.3		22.6		29.4		18.5		25.2	
7440-66-6	Zinc (Zn)	116.	J	31.8		1660.		94.1		6.8		28.5	
7440-31-5	Tin (Sn)	2.2	J	1.8	J	2.	U	1.5	U	1.5	J	1.5	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META													
	SAMPLE ID ------->	002-S-B041-01		002-S-B041-02		S02-S-B001-01		S02-S-B001-02		S02-S-B002-01		S02-S-B002-02	
	ORIGINAL ID ----->	002SB04101		002SB04102		S02B0101		S02B0102		S02B0201		S02B0202	
	LAB SAMPLE ID --->	28333.14		28333.15		S345616*1		S345616*2		S345655*8		S345655*9	
	ID FROM REPORT -->	002SB04101		002SB04102		S02B0101		S02B0102		S02B0201		S02B0202	
	SAMPLE DATE ----->	01/29/97		01/29/97		10/05/93		10/05/93		10/06/93		10/06/93	
	DATE EXTRACTED -->	02/07/97		02/07/97									
	DATE ANALYZED --->	02/12/97		02/12/97		10/21/93		10/21/93		11/01/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	28333	VAL	28333	VAL	CNS06	VAL	CNS06	VAL	CNS07	VAL	CNS07	VAL
7429-90-5	Aluminum (Al)	7500.		4650.		4300.		3300.		6100.		3200.	
7440-36-0	Antimony (Sb)	0.37	J	0.66	J	6.1	UJ	5.6	UJ	5.8	UJ	5.9	UJ
7440-38-2	Arsenic (As)	6.1		6.		7.6	J	1.3	J	3.2		1.5	
7440-39-3	Barium (Ba)	12.4		6.8		38.		18.		15.		12.	
7440-41-7	Beryllium (Be)	0.18	J	0.55		0.61	U	0.56	U	0.58	U	0.59	U
7440-43-9	Cadmium (Cd)	0.04	U	0.51	J	1.7		0.56	U	0.58	U	0.58	U
7440-70-2	Calcium (Ca)	9520.		255000.		15000.		920.		92000.		890.	
7440-47-3	Chromium (Cr)	12.4		52.2		26.		4.6		23.	UJ	5.6	
7440-48-4	Cobalt (Co)	0.5	J	0.71	J	3.9		1.1	U	1.3		1.2	U
7440-50-8	Copper (Cu)	1.3	J	10.3		44.	J	2.8	UJ	10.		2.9	U
7439-89-6	Iron (Fe)	12200.		4220.		21000.		3200.		7200.		4700.	
7439-92-1	Lead (Pb)	6.3		2.5	U	160.	J	2.3	J	31.	J	3.	J
7439-95-4	Magnesium (Mg)	476.		7390.		530.		230.		2800.	J	170.	J
7439-96-5	Manganese (Mn)	8.9		25.4		81.		61.		34.		35.	
7439-97-6	Mercury (Hg)	0.04	U	0.05	U	0.11	J	0.02	J	0.03		0.02	
7440-02-0	Nickel (Ni)	2.2	J	23.3		23.		4.4	U	13.		4.7	U
7440-09-7	Potassium (K)	255.	J	1140.		180.		110.		430.		120.	U
7782-49-2	Selenium (Se)	0.97		2.4		1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ
7440-22-4	Silver (Ag)	0.21	U	0.3	U	1.2	U	1.1	U	1.2	UJ	1.2	UJ
7440-23-5	Sodium (Na)	338.		2010.		61.	U	56.	U	320.		59.	
7440-28-0	Thallium (Tl)	0.38	U	0.54	U	1.2	UJ	1.1	UJ	5.8	UJ	1.2	UJ
7440-62-2	Vanadium (V)	22.1		28.4		38.		6.3		19.		8.9	
7440-66-6	Zinc (Zn)	9.3		54.4		220.	J	4.6	J	49.		4.4	
7440-31-5	Tin (Sn)	1.5	J	1.3	J	NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	S02-S-B003-01		S02-S-B004-02		S02-S-B005-01		S02-S-B005-02		S02-S-B006-01		S02-C-B006-01	
	ORIGINAL ID ----->	S02B0301		S02B0402		S02B0501		S02B0502		S02B0601		S02B061D	
	LAB SAMPLE ID --->	S345655*11		S345655*18		S345675*5		S345675*6		S345655*3		S345655A*1	
	ID FROM REPORT -->	S02B0301		S02B0402		S02B0501		S02B0502		S02B0601		S02B061D	
	SAMPLE DATE ----->	10/06/93		10/06/93		10/07/93		10/07/93		10/06/93		10/06/93	
	DATE ANALYZED --->	11/01/93		11/01/93		11/01/93		11/04/93		11/01/93		11/02/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS08	VAL
7429-90-5	Aluminum (Al)	5600.		8100.		5400.		8300.		8200.		5780.	J
7440-36-0	Antimony (Sb)	5.4	UJ	5.8	UJ	5.6	UJ	6.	UJ	6.1	UJ	5.9	UJ
7440-38-2	Arsenic (As)	2.8		4.8		2.1		1.5		3.9		23.5	J
7440-39-3	Barium (Ba)	15.		15.		35.		26.		22.		23.6	
7440-41-7	Beryllium (Be)	0.54	U	0.58	U	0.56	U	0.6	U	0.61	U	0.59	U
7440-43-9	Cadmium (Cd)	0.54	U	0.58	U	0.56	U	0.6	U	0.8		0.59	U
7440-70-2	Calcium (Ca)	62000.		3700.		570.		980.		75000.		58800.	J
7440-47-3	Chromium (Cr)	12.		12.		4.6		16.		25.		19.	J
7440-48-4	Cobalt (Co)	1.1	U	1.2	U	1.1	U	1.2	U	1.4		1.4	
7440-50-8	Copper (Cu)	6.5		3.	U	20.		3.	U	13.		19.3	
7439-89-6	Iron (Fe)	7000.		13000.		4100.		8400.		7100.		7790.	J
7439-92-1	Lead (Pb)	17.	J	34.	J	14.	J	8.6	J	44.	J	48.6	
7439-95-4	Magnesium (Mg)	770.	J	320.	J	300.	J	630.	J	2400.	J	1750.	
7439-96-5	Manganese (Mn)	32.		11.		31.		8.7		41.		36.4	
7439-97-6	Mercury (Hg)	0.03		0.04		0.05		0.03		0.04		0.02	
7440-02-0	Nickel (Ni)	4.3	U	4.7	U	4.4	U	4.8	U	12.		10.1	
7440-09-7	Potassium (K)	260.		280.		110.	U	280.		470.		329.	
7782-49-2	Selenium (Se)	1.1	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ
7440-22-4	Silver (Ag)	1.1	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	U
7440-23-5	Sodium (Na)	200.		130.		56.	U	60.	U	270.		226.	
7440-28-0	Thallium (Tl)	1.1	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ
7440-62-2	Vanadium (V)	22.		22.		6.8		17.		20.		18.	
7440-66-6	Zinc (Zn)	95.		8.3		85.		6.9		61.		61.4	J
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

WB46-META															
		SAMPLE ID ------->	S02-S-B006-02		S02-S-B007-01		S02-S-B007-02		S02-S-B008-01		S02-S-B008-02		S02-S-B009-01	
		ORIGINAL ID ----->	S02B0602		S02B0701		S02B0702		S02B0801		S02B0802		S02B0901	
		LAB SAMPLE ID --->	S345655*4		S345655*5		S345655*6		S345655*7		S345655*10		S345655*12	
		ID FROM REPORT -->	S02B0602		S02B0701		S02B0702		S02B0801		S02B0802		S02B0901	
		SAMPLE DATE ----->	10/06/93		10/06/93		10/06/93		10/06/93		10/06/93		10/06/93	
		DATE ANALYZED --->	11/01/93		11/01/93		11/01/93		11/01/93		11/01/93		11/01/93	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	mg/kg		ug/kg		ug/kg		ug/kg		mg/kg		mg/kg	
CAS #	Parameter		CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS07	VAL
7429-90-5	Aluminum (Al)		4200.		5700.		4500.		3000.		2400.		2700.	
7440-36-0	Antimony (Sb)		6.3	UJ	5.6	UJ	6.4	UJ	5.9	UJ	5.3	UJ	11.	J
7440-38-2	Arsenic (As)		3.6		7.1		2.7		8.4		2.1	U	12.	
7440-39-3	Barium (Ba)		14.		43.		11.		22.		10.		51.	
7440-41-7	Beryllium (Be)		0.63	U	0.56	U	0.64	U	0.59	U	0.53	U	0.56	U
7440-43-9	Cadmium (Cd)		0.63	U	4.		0.64	U	0.76		0.53	U	1.5	
7440-70-2	Calcium (Ca)		6900.		98000.		45000.		140000.		3100.		1300.	
7440-47-3	Chromium (Cr)		7.6		29.		17.		18.		3.9		34.	
7440-48-4	Cobalt (Co)		1.5		2.8		1.3	U	2.4		1.1	U	2.7	
7440-50-8	Copper (Cu)		6.4		75.		6.3		12.		2.6	U	52.	
7439-89-6	Iron (Fe)		5500.		8200.		4600.		5300.		2700.		11000.	
7439-92-1	Lead (Pb)		40.	J	310.	J	23.	J	39.	J	3.5	J	570.	J
7439-95-4	Magnesium (Mg)		660.	J	1900.	J	1900.	J	2100.	J	190.	J	130.	J
7439-96-5	Manganese (Mn)		130.		81.		44.		140.		27.		46.	
7439-97-6	Mercury (Hg)		0.06		0.06		0.03		0.03		0.02		0.11	
7440-02-0	Nickel (Ni)		5.1	U	18.		8.3		13.		4.2	U	19.	
7440-09-7	Potassium (K)		370.		500.		460.		260.		110.	U	120.	
7782-49-2	Selenium (Se)		1.3	UJ	1.1	UJ	1.3	UJ	1.2	UJ	1.1	UJ	1.1	UJ
7440-22-4	Silver (Ag)		1.3	UJ	1.1	UJ	1.3	UJ	1.2	UJ	1.1	UJ	1.1	UJ
7440-23-5	Sodium (Na)		79.		220.		260.		140.		53.	U	56.	U
7440-28-0	Thallium (Tl)		1.3	UJ	1.1	UJ	1.3	UJ	5.9	UJ	1.1	UJ	1.1	UJ
7440-62-2	Vanadium (V)		12.		20.		15.		11.		5.5		15.	
7440-66-6	Zinc (Zn)		29.		290.		26.		41.		4.		340.	
7440-31-5	Tin (Sn)		NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

		SAMPLE ID ------->	S02-S-B009-02		S02-S-B010-01		S02-S-B010-02		S02-C-B010-02		S02-S-B011-01		S02-S-B011-02		
		ORIGINAL ID ----->	S02B0902		S02B1001		S02B1002		S02B102D		S02B1101		S02B1102		
		LAB SAMPLE ID --->	S345655*13		S345655*14		S345655*15		S345655A*2		S345655*16		S345655*17		
		ID FROM REPORT -->	S02B0902		S02B1001		S02B1002		S02B102D		S02B1101		S02B1102		
		SAMPLE DATE ----->	10/06/93		10/06/93		10/06/93		10/06/93		10/06/93		10/06/93		
		DATE ANALYZED --->	11/01/93		11/01/93		11/01/93		11/02/93		11/01/93		11/01/93		
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
CAS #	Parameter		CNS07	VAL	CNS07	VAL	CNS07	VAL	CNS08	VAL	CNS07	VAL	CNS07	VAL	
7429-90-5	Aluminum (Al)		5700.		8300.		5800.		4220.	J	4400.		5600.		
7440-36-0	Antimony (Sb)		6.	UJ	6.2	UJ	7.5	UJ	7.4	UJ	40.	J	6.5	UJ	
7440-38-2	Arsenic (As)		4.1		12.		7.8		7.1	J	20.		2.4		
7440-39-3	Barium (Ba)		18.		22.		14.		10.9		98.		10.		
7440-41-7	Beryllium (Be)		0.6	U	0.62	U	0.75	U	0.74	U	0.66	U	0.65	U	
7440-43-9	Cadmium (Cd)		0.6	U	0.62	U	0.75	U	0.74	U	7.8		0.65	U	
7440-70-2	Calcium (Ca)		96000.		110000.		180000.		202000.	J	86000.		1200.		
7440-47-3	Chromium (Cr)		15.		36.		53.		47.7	J	84.		6.9		
7440-48-4	Cobalt (Co)		1.2		1.9		1.7		1.5	U	5.3		1.3	U	
7440-50-8	Copper (Cu)		4.2		17.		17.		16.5		140.		3.2	U	
7439-89-6	Iron (Fe)		4400.		7700.		5600.		4870.	J	30000.		4400.		
7439-92-1	Lead (Pb)		12.	J	40.	J	18.	J	39.		1600.	J	20.	J	
7439-95-4	Magnesium (Mg)		1200.	J	3500.	J	6700.	J	5530.		2500.	J	200.	J	
7439-96-5	Manganese (Mn)		45.		48.		53.		48.6		250.		7.8		
7439-97-6	Mercury (Hg)		0.02		0.04		0.03		0.04		15.		0.07		
7440-02-0	Nickel (Ni)		9.2		19.		26.		23.2		36.		5.2	U	
7440-09-7	Potassium (K)		280.		680.		940.		753.		390.		170.		
7782-49-2	Selenium (Se)		1.2	UJ	1.2	UJ	3.	UJ	1.5	UJ	1.3	UJ	1.3	UJ	
7440-22-4	Silver (Ag)		1.2	UJ	1.2	UJ	1.5	UJ	1.5	U	1.3	UJ	1.3	UJ	
7440-23-5	Sodium (Na)		350.		390.		750.		657.		150.		65.	U	
7440-28-0	Thallium (Tl)		1.2	UJ	1.2	UJ	7.5	UJ	7.4	U	1.3	UJ	1.3	UJ	
7440-62-2	Vanadium (V)		12.		27.		31.		25.2		19.		10.		
7440-66-6	Zinc (Zn)		22.		72.		66.		57.5	J	1200.		11.		
7440-31-5	Tin (Sn)		NR		NR		NR		NR		NR		NR		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META															
	SAMPLE ID ------->	S02-S-B012-01		S02-S-B012-02		S02-S-B013-01		S02-S-B013-02		S02-S-B014-01		S02-S-B015-01	
	ORIGINAL ID ----->	S02B1201		S02B1202		S02B1301		S02B1302		S02B1401		S02B1501	
	LAB SAMPLE ID --->	S345675*7		S345675*8		S345675*9		S345675*10		S345675*11		S345997*15	
	ID FROM REPORT -->	S02B1201		S02B1202		S02B1301		S02B1302		S02B1401		S02B1501	
	SAMPLE DATE ----->	10/07/93		10/07/93		10/07/93		10/07/93		10/07/93		10/25/93	
	DATE ANALYZED --->	11/01/93		11/01/93		11/02/93		11/02/93		11/02/93		11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS07	VAL	CNS07	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS16	VAL
7429-90-5	Aluminum (Al)	5400.		5300.		1800.		6200.		3700.		3800.	
7440-36-0	Antimony (Sb)	5.5	UJ	8.8	UJ	5.5	UJ	7.4	UJ	6.1	UJ	8.5	J
7440-38-2	Arsenic (As)	3.6		6.1		5.2	J	5.2	J	2.2	J	6.9	J
7440-39-3	Barium (Ba)	27.		9.2		29.		9.		16.		45.	J
7440-41-7	Beryllium (Be)	0.55	U	0.88	U	0.55	U	0.74	U	0.61	U	0.54	UJ
7440-43-9	Cadmium (Cd)	2.8		0.88	U	0.55	U	0.74	U	0.54	U	3.2	J
7440-70-2	Calcium (Ca)	32000.		210000.		190000.		99000.		10000.		58000.	
7440-47-3	Chromium (Cr)	18.		62.		13.		27.		6.7		29.	
7440-48-4	Cobalt (Co)	2.		1.8	U	2.4		1.5	U	1.1	U	3.5	
7440-50-8	Copper (Cu)	34.		13.		19.		6.1		8.9		180.	
7439-89-6	Iron (Fe)	9800.		5700.		3700.		6700.		5300.		17000.	
7439-92-1	Lead (Pb)	160.	J	9.	J	79.	J	3.7	J	29.	J	1400.	J
7439-95-4	Magnesium (Mg)	700.	J	8000.	J	3000.		3300.		380.		1300.	
7439-96-5	Manganese (Mn)	46.		34.		350.	J	29.	J	24.	J	160.	
7439-97-6	Mercury (Hg)	0.14		0.03		0.21		0.02	U	0.03		0.2	
7440-02-0	Nickel (Ni)	13.		28.		8.8		14.		4.9	U	29.	J
7440-09-7	Potassium (K)	370.		1200.		160.		610.		130.		320.	J
7782-49-2	Selenium (Se)	1.1	UJ	1.8	UJ	1.1	UJ	1.5	UJ	1.2	UJ	1.1	UJ
7440-22-4	Silver (Ag)	1.1	UJ	1.8	UJ	1.1	U	1.5	U	1.2	U	1.1	UJ
7440-23-5	Sodium (Na)	720.		4200.		100.		660.		72.		110.	J
7440-28-0	Thallium (Tl)	1.1	UJ	1.8	UJ	5.5	U	7.4	U	1.2	U	1.1	UJ
7440-62-2	Vanadium (V)	19.		30.		6.2		19.		12.		17.	
7440-66-6	Zinc (Zn)	110.		61.		37.	J	28.	J	32.	J	490.	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	S02-S-B016-01		S02-C-B016-01		S02-S-B016-02		S02-S-B017-01		S02-S-B017-02		S02-S-B018-01	
	ORIGINAL ID ----->	S02B1601		S02B161D		S02B1602		S02B1701		S02B1702		S02B1801	
	LAB SAMPLE ID --->	S346028*1		S346028A*1		S346028*2		S346028*3		S346028*4		S346028*5	
	ID FROM REPORT -->	S02B1601		S02B161D		S02B1602		S02B1701		S02B1702		S02B1801	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/09/93		11/08/93		11/09/93		11/09/93		11/09/93		11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS16	VAL	CNS14	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL
7429-90-5	Aluminum (Al)	4500.		3790.		95000.		7500.		6700.		1500.	
7440-36-0	Antimony (Sb)	23.	J	5.3	UJ	6.	UJ	5.7	UJ	8.3	UJ	8.3	J
7440-38-2	Arsenic (As)	2.8	J	2.7		3.1	J	2.3	J	9.6	J	20.	J
7440-39-3	Barium (Ba)	80.	J	62.7		25.	J	22.	J	13.	J	37.	J
7440-41-7	Beryllium (Be)	0.57	UJ	0.53	U	0.6	UJ	0.57	UJ	0.83	UJ	0.56	UJ
7440-43-9	Cadmium (Cd)	3.1	J	4.		6.3	J	0.57	UJ	0.83	UJ	0.56	UJ
7440-70-2	Calcium (Ca)	53000.		83100.	J	28000.		13000.		240000.		68000.	
7440-47-3	Chromium (Cr)	85.		40.8		18.		18.		58.		8.2	
7440-48-4	Cobalt (Co)	2.3		3.2		1.2	U	1.1	U	1.7	U	3.3	
7440-50-8	Copper (Cu)	1500.		485.	J	26.		9.1		21.		100.	
7439-89-6	Iron (Fe)	8900.		18500.		14000.		7400.		6300.		4700.	
7439-92-1	Lead (Pb)	1100.	J	203.	J	21.		14.		2.8		85.	J
7439-95-4	Magnesium (Mg)	760.		973.		490.		470.		6700.		800.	
7439-96-5	Manganese (Mn)	82.		135.	J	31.		25.		63.		55.	
7439-97-6	Mercury (Hg)	0.98		0.82	J	0.039		0.015		0.017	U	0.28	
7440-02-0	Nickel (Ni)	22.	J	50.9		6.4	J	14.	UJ	28.	J	9.8	J
7440-09-7	Potassium (K)	250.	J	220.		340.	J	370.	J	1400.	J	180.	J
7782-49-2	Selenium (Se)	1.1	UJ	1.1	UJ	1.2	UJ	5.7	UJ	1.7	UJ	1.1	UJ
7440-22-4	Silver (Ag)	1.1	UJ	1.1	U	1.2	UJ	1.1	UJ	1.7	UJ	1.1	UJ
7440-23-5	Sodium (Na)	57.	UJ	81.2		60.	UJ	98.	J	940.	J	94.	J
7440-28-0	Thallium (Tl)	NR		1.1	UJ	1.2	U	1.8	U	1.7	UJ	1.1	U
7440-62-2	Vanadium (V)	18.		18.6		24.		15.		31.		9.	
7440-66-6	Zinc (Zn)	1100.		302.		92.		10.		83.		71.	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	S02-S-B018-02		S02-S-B019-01		S02-S-B019-02		S02-S-B020-01		S02-S-B020-02		S02-S-B021-01	
	ORIGINAL ID ----->	S02B1802		S02B1901		S02B1902		S02B2001		S02B2002		S02B2101	
	LAB SAMPLE ID --->	S346028*6		S346028*7		S346028*8		S346028*9		S346028*10		S346028*11	
	ID FROM REPORT -->	S02B1802		S02B1901		S02B1902		S02B2001		S02B2002		S02B2101	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/09/93		11/09/93		11/09/93		11/11/93		11/11/93		11/11/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
7429-90-5	Aluminum (Al)	5500.		6500.		5100.		3400.		4800.		1300.	
7440-36-0	Antimony (Sb)	6.8	UJ	5.4	UJ	5.6	UJ	5.8	UJ	6.	UJ	6.1	UJ
7440-38-2	Arsenic (As)	6.2	J	1.3	U	1.3	J	4.1		3.3		9.9	
7440-39-3	Barium (Ba)	10.	J	13.	UJ	17.	J	14.		15.		160.	
7440-41-7	Beryllium (Be)	0.68	UJ	0.54	UJ	0.56	UJ	0.58	U	0.6	U	0.61	U
7440-43-9	Cadmium (Cd)	0.68	UJ	0.54	UJ	0.56	UJ	0.58	U	0.6	U	1.	
7440-70-2	Calcium (Ca)	190000.		3800.		2200.		200000.		4600.		9900.	
7440-47-3	Chromium (Cr)	39.		9.4		9.2		16.	J	150.	J	5.	J
7440-48-4	Cobalt (Co)	1.4	U	1.1	U	1.1	U	1.2	U	1.2	U	1.5	
7440-50-8	Copper (Cu)	10.		2.8		2.8	U	6.9		3.7		20.	
7439-89-6	Iron (Fe)	4500.		7400.		7000.		5900.		16000.		6600.	
7439-92-1	Lead (Pb)	3.7		14.		4.9		8.6		5.6		480.	J
7439-95-4	Magnesium (Mg)	4500.		280.		310.		5300.		530.		200.	
7439-96-5	Manganese (Mn)	31.		13.		48.		81.		66.		15.	
7439-97-6	Mercury (Hg)	0.014	U	0.017		0.018		0.022	J	0.026	J	0.076	J
7440-02-0	Nickel (Ni)	14.	J	4.3	UJ	4.3	UJ	8.8		4.8	U	5.8	
7440-09-7	Potassium (K)	740.	J	190.	J	190.	J	320.		210.		120.	U
7782-49-2	Selenium (Se)	1.4	UJ	1.1	UJ	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ
7440-22-4	Silver (Ag)	1.4	UJ	1.1	UJ	1.1	UJ	1.2	U	1.2	U	1.2	U
7440-23-5	Sodium (Na)	960.	J	54.	UJ	56.	UJ	250.		330.		61.	U
7440-28-0	Thallium (Tl)	1.4	UJ	1.1	U	1.1	UJ	5.8	U	1.2	UJ	1.2	UJ
7440-62-2	Vanadium (V)	22.		14.		13.		12.	J	20.	J	4.9	J
7440-66-6	Zinc (Zn)	33.		6.2		6.7		22.	J	11.	J	36.	J
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	S02-S-B021-02		S02-S-B022-01		S02-S-B022-02		S02-S-B023-01		S02-S-B023-02	
	ORIGINAL ID ----->	S02B2102		S02B2201		S02B2202		S02B2301		S02B2302	
	LAB SAMPLE ID --->	S346028*12		S346028*13		S346028*14		S346028*15		S346028*16	
	ID FROM REPORT -->	S02B2102		S02B2201		S02B2202		S02B2301		S02B2302	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE ANALYZED --->	11/11/93		11/11/93		11/11/93		11/11/93		11/11/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
7429-90-5	Aluminum (Al)	9500.		3000.		6600.		2800.		5700.	
7440-36-0	Antimony (Sb)	5.8	UJ	5.4	UJ	5.6	UJ	5.2	UJ	8.5	UJ
7440-38-2	Arsenic (As)	1.5		4.6		1.8		1.	U	6.1	
7440-39-3	Barium (Ba)	16.		18.		58.		3.6		9.1	
7440-41-7	Beryllium (Be)	0.58	U	0.54	U	0.56	U	0.52	U	0.85	U
7440-43-9	Cadmium (Cd)	0.58	U	0.54	U	0.56	U	0.52	U	0.85	U
7440-70-2	Calcium (Ca)	1200.		78000.		13000.		7200.		240000.	
7440-47-3	Chromium (Cr)	12.	J	7.9	J	5.9	J	5.9	J	66.	J
7440-48-4	Cobalt (Co)	1.2	U	1.1	U	1.9		1.4		1.7	U
7440-50-8	Copper (Cu)	3.		11.		3.8		2.6	U	15.	
7439-89-6	Iron (Fe)	12000.		5200.		5000.		1900.		6100.	
7439-92-1	Lead (Pb)	5.9		28.		4.6		1.		1.4	
7439-95-4	Magnesium (Mg)	160.		1000.		630.		420.		8600.	
7439-96-5	Manganese (Mn)	11.		25.		260.		11.		32.	
7439-97-6	Mercury (Hg)	0.076	J	0.046	J	0.028	J	0.01	UJ	0.017	UJ
7440-02-0	Nickel (Ni)	4.7	U	4.3	U	4.4	U	4.2	U	29.	
7440-09-7	Potassium (K)	240.		180.		170.		100.	U	1200.	
7782-49-2	Selenium (Se)	1.2	UJ	1.1	UJ	1.1	UJ	1.	UJ	3.4	UJ
7440-22-4	Silver (Ag)	1.2	U	1.1	U	1.1	U	1.	U	1.7	U
7440-23-5	Sodium (Na)	100.		96.		210.		52.	U	590.	
7440-28-0	Thallium (Tl)	1.2	UJ	1.1	U	1.1	U	1.	UJ	8.5	U
7440-62-2	Vanadium (V)	22.	J	11.	J	8.2	J	3.1	J	32.	J
7440-66-6	Zinc (Zn)	10.	J	32.	J	11.	J	5.8	J	64.	J
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR	

*** Validation Complete ***

W846-OP P

SAMPLE ID ------->	002-M-0004-01
ORIGINAL ID ----->	002M000401
LAB SAMPLE ID --->	25107.03
ID FROM REPORT -->	002M000401
SAMPLE DATE ----->	03/29/96
DATE EXTRACTED -->	04/01/96
DATE ANALYZED --->	04/03/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	25106	VAL
298-04-4	Disulfoton	245.	U
298-00-0	Methyl parathion	35.	U
298-02-2	Phorate	137.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
	SAMPLE ID ------->	S02-G-0001-01		S02-G-0002-01		S02-H-0002-01		S02-G-0003-01		S02-G-0004-01		S02-G-0005-01	
	ORIGINAL ID ----->	S02W0101		S02W0201		S02W021D		S02W0301		S02W0401		S02W0501	
	LAB SAMPLE ID --->	S346479*6		S346479A*1		S346479A*2		S346479*4		S346479*3		S346479*5	
	ID FROM REPORT -->	S02W0101		S02W0201		S02W021D		S02W0301		S02W0401		S02W0501	
	SAMPLE DATE ----->	11/15/93		11/15/93		11/15/93		11/15/93		11/15/93		11/15/93	
	DATE ANALYZED --->	12/02/93		11/29/93		11/29/93		12/02/93		12/03/93		12/02/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS25	VAL	CNS23	VAL	CNS23	VAL	CNS25	VAL	CNS25	VAL	CNS25	VAL
57-12-5	Cyanide (CN)	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	S02-H-0005-01		S02-G-0006-01				
	ORIGINAL ID ----->	S02W051D		S02W0601				
	LAB SAMPLE ID --->	S346479A*3		S346479*7				
	ID FROM REPORT -->	S02W051D		S02W0601				
	SAMPLE DATE ----->	11/15/93		11/15/93				
	DATE ANALYZED --->	11/29/93		12/02/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS23	VAL	CNS25	VAL			
57-12-5	Cyanide (CN)	10.	UJ	10.	UJ			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	S02-G-0001-01		S02-G-0002-01		S02-H-0002-01		S02-G-0003-01		S02-G-0004-01		S02-G-0005-01	
	ORIGINAL ID ----->	S02W0101		S02W0201		S02W021D		S02W0301		S02W0401		S02W0501	
	LAB SAMPLE ID --->	S346479*6		S346479A*1		S346479A*2		S346479*4		S346479*3		S346479*5	
	ID FROM REPORT -->	S02W0101		S02W0201		S02W021D		S02W0301		S02W0401		S02W0501	
	SAMPLE DATE ----->	11/15/93		11/15/93		11/15/93		11/15/93		11/15/93		11/15/93	
	DATE ANALYZED --->	12/02/93		11/29/93		11/29/93		12/02/93		12/03/93		12/02/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS25	VAL	CNS23	VAL	CNS23	VAL	CNS25	VAL	CNS25	VAL	CNS25	VAL
7429-90-5	Aluminum (Al)	200.	U	200.	U	200.	U	200.	U	200.	U	440000.	
7440-36-0	Antimony (Sb)	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
7440-38-2	Arsenic (As)	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	89.	
7440-39-3	Barium (Ba)	10.	U	57.4		55.8		41.		42.		1300.	
7440-41-7	Beryllium (Be)	5.	U	5.	U	5.	U	5.	U	5.	U	9.4	
7440-43-9	Cadmium (Cd)	5.	U	5.	UJ	25.	UJ	5.	U	5.	U	5.	U
7440-70-2	Calcium (Ca)	18000.		158000.	J	155000.	J	65000.		10000.		130000.	
7440-47-3	Chromium (Cr)	10.	U	10.	U	10.	U	10.	U	10.	U	630.	
7440-48-4	Cobalt (Co)	10.	U	10.	U	10.	U	10.	U	10.	U	40.	
7440-50-8	Copper (Cu)	25.	U	25.	U	25.	U	25.	U	25.	U	160.	
7439-89-6	Iron (Fe)	1100.		2950.	J	2930.	J	720.		7100.		180000.	
7439-92-1	Lead (Pb)	5.	U	5.	UJ	5.	UJ	5.	U	5.	U	910.	J
7439-95-4	Magnesium (Mg)	2500.		88500.		85800.		34000.		13000.		110000.	
7439-96-5	Manganese (Mn)	51.		3370.	J	3300.	J	320.		150.		510.	
7439-97-6	Mercury (Hg)	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.46	J
7440-02-0	Nickel (Ni)	40.	U	40.	U	40.	U	40.	U	40.	U	110.	
7440-09-7	Potassium (K)	1200.		33600.		32800.		17000.		19000.		87000.	
7782-49-2	Selenium (Se)	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	200.	UJ
7440-22-4	Silver (Ag)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7440-23-5	Sodium (Na)	160000.		520000.		488000.		49000.		340000.		970000.	
7440-28-0	Thallium (Tl)	10.	U	50.	UJ	50.	UJ	10.	U	50.	U	100.	U
7440-62-2	Vanadium (V)	10.	U	10.	U	10.	U	10.	U	10.	U	640.	
7440-66-6	Zinc (Zn)	20.	U	175.		166.		21.		20.	U	520.	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META									
	SAMPLE ID ------->	S02-H-0005-01		S02-G-0006-01					
	ORIGINAL ID ----->	S02W051D		S02W0601					
	LAB SAMPLE ID --->	S346479A*3		S346479*7					
	ID FROM REPORT -->	S02W051D		S02W0601					
	SAMPLE DATE ----->	11/15/93		11/15/93					
	DATE ANALYZED --->	11/29/93		12/02/93					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS23	VAL	CNS25	VAL				
7429-90-5	Aluminum (Al)	199000.		200.	U				
7440-36-0	Antimony (Sb)	50.	U	50.	U				
7440-38-2	Arsenic (As)	29.5		10.	U				
7440-39-3	Barium (Ba)	674.		110.					
7440-41-7	Beryllium (Be)	5.	U	5.	U				
7440-43-9	Cadmium (Cd)	25.	UJ	5.	U				
7440-70-2	Calcium (Ca)	104000.	J	92000.					
7440-47-3	Chromium (Cr)	343.		10.	U				
7440-48-4	Cobalt (Co)	20.2		10.	U				
7440-50-8	Copper (Cu)	66.8		25.	U				
7439-89-6	Iron (Fe)	97000.	J	3200.					
7439-92-1	Lead (Pb)	368.		5.	U				
7439-95-4	Magnesium (Mg)	102000.		4500.					
7439-96-5	Manganese (Mn)	279.	J	160.					
7439-97-6	Mercury (Hg)	0.2	UJ	0.2	UJ				
7440-02-0	Nickel (Ni)	46.		40.	U				
7440-09-7	Potassium (K)	80000.		3900.					
7782-49-2	Selenium (Se)	100.	UJ	10.	UJ				
7440-22-4	Silver (Ag)	10.	U	10.	U				
7440-23-5	Sodium (Na)	1070000.		6900.					
7440-28-0	Thallium (Tl)	50.	UJ	10.	U				
7440-62-2	Vanadium (V)	318.		10.	U				
7440-66-6	Zinc (Zn)	234.		20.	U				
7440-31-5	Tin (Sn)	NR		NR					

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

SAMPLE ID -------->	CNS-G-W002-01
ORIGINAL ID ----->	CNSGW00201
LAB SAMPLE ID --->	L5486-44
ID FROM REPORT -->	CNSGW00201
SAMPLE DATE ----->	09/29/95
DATE EXTRACTED -->	10/07/95
DATE ANALYZED --->	10/07/95
MATRIX ---------->	Water
UNITS ---------->	MG/L

CAS #	Parameter	L5486I	VAL
57-12-5	Cyanide (CN)	0.01	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	CNS-G-W001-01		CNS-G-W002-01		CNS-G-W003-01		CNS-G-W004-01		CNS-G-W005-01		CNS-G-W006-01	
	ORIGINAL ID ----->	CNSGW00101		CNSGW00201		GW00301		CNSGW00401		GW00501		GW00601	
	LAB SAMPLE ID --->	L5475-2		L5486-40		L5475-1		L5486-41		L5475-4		L5475-3	
	ID FROM REPORT -->	CNSGW00101		CNSGW00201		GW00301		CNSGW00401		GW00501		GW00601	
	SAMPLE DATE ----->	09/28/95		09/29/95		09/28/95		09/29/95		09/28/95		09/28/95	
	DATE EXTRACTED -->	10/04/95		10/04/95		10/04/95		10/04/95		10/04/95		10/04/95	
	DATE ANALYZED --->	10/04/95		10/04/95		10/04/95		10/04/95		10/04/95		10/04/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5475W	VAL	L5486W	VAL	L5475W	VAL	L5486W	VAL	L5475W	VAL	L5475W	VAL
7429-90-5	Aluminum (Al)	281.		50.	J	61.7	J	162.	J	1120.		571.	
7440-36-0	Antimony (Sb)	51.	U	51.	U	51.	U	51.	U	51.	U	51.	U
7440-38-2	Arsenic (As)	4.	U	4.	U	4.	U	5.8	J	4.	U	4.	U
7440-39-3	Barium (Ba)	57.2	J	26.6	J	32.6	J	31.9	J	49.3	J	54.	J
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
7440-70-2	Calcium (Ca)	275000.		93600.		78900.		7540.		90700.		9650.	
7440-47-3	Chromium (Cr)	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
7440-48-4	Cobalt (Co)	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
7440-50-8	Copper (Cu)	3.	U	3.	J	3.	U	3.	U	3.	U	11.6	J
7439-89-6	Iron (Fe)	419.	J	3430.	J	533.	J	12100.	J	797.	J	148.	J
7439-92-1	Lead (Pb)	3.	U	3.	UJ	3.	U	3.	U	15.	U	3.	U
7439-95-4	Magnesium (Mg)	49800.		71100.		36700.		14400.		74700.		2500.	J
7439-96-5	Manganese (Mn)	373.		3210.		262.		108.		26.5		29.4	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	17.	U	36.4	J	17.	U	17.	U	17.	U	17.	U
7440-09-7	Potassium (K)	13600.		28100.		17400.		21800.		56600.		1920.	J
7782-49-2	Selenium (Se)	3.	U	3.	UJ	3.	U	3.	U	3.	UJ	3.	U
7440-22-4	Silver (Ag)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-23-5	Sodium (Na)	25500.		414000.		32000.		268000.		731000.		2980.	J
7440-28-0	Thallium (Tl)	4.	UJ	4.	UJ	4.	UJ	4.	UJ	4.	UJ	4.	UJ
7440-62-2	Vanadium (V)	3.	U	3.	U	3.	U	3.	U	3.2	J	3.	U
7440-66-6	Zinc (Zn)	9.	J	228.		5.6	U	7.6	U	8.	U	57.	
7440-31-5	Tin (Sn)	37.	U	37.	U	37.	U	37.	U	40.7	J	37.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST									
	SAMPLE ID ------->	CNS-G-W002-01		CNS-G-W004-01					
	ORIGINAL ID ----->	CNSGW00201		CNSGW00401					
	LAB SAMPLE ID --->	L5486-26		L5486-28					
	ID FROM REPORT -->	CNSGW00201		CNSGW00401					
	SAMPLE DATE ----->	09/29/95		09/29/95					
	DATE EXTRACTED -->	10/04/95		10/04/95					
	DATE ANALYZED --->	10/14/95		10/14/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L5486	VAL	L5486	VAL				
319-84-6	alpha-BHC	0.055	U	0.055	U				
319-85-7	beta-BHC	0.055	U	0.055	U				
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	U				
319-86-8	delta-BHC	0.055	U	0.055	U				
76-44-8	Heptachlor	0.055	U	0.055	U				
309-00-2	Aldrin	0.055	U	0.055	U				
1024-57-3	Heptachlor epoxide	0.055	U	0.055	U				
5103-74-2	gamma-Chlordane	0.055	U	0.055	U				
959-98-8	Endosulfan I	0.055	U	0.055	U				
5103-71-9	alpha-Chlordane	0.055	U	0.055	U				
72-55-9	4,4'-DDE	0.11	U	0.11	U				
50-29-3	4,4'-DDT	0.11	U	0.11	U				
60-57-1	Dieldrin	0.11	U	0.11	U				
72-20-8	Endrin	0.11	U	0.11	U				
33213-65-9	Endosulfan II	0.11	U	0.11	U				
72-54-8	4,4'-DDD	0.11	U	0.11	U				
7421-93-4	Endrin aldehyde	0.11	U	0.11	U				
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U				
72-43-5	Methoxychlor	0.55	U	0.55	U				
8001-35-2	Toxaphene	5.5	U	5.5	U				
12674-11-2	Aroclor-1016	1.1	U	1.1	U				
11104-28-2	Aroclor-1221	2.2	U	2.2	U				
11141-16-5	Aroclor-1232	1.1	U	1.1	U				
53469-21-9	Aroclor-1242	1.1	U	1.1	U				
12672-29-6	Aroclor-1248	1.1	U	1.1	U				
11097-69-1	Aroclor-1254	1.1	U	1.1	U				
11096-82-5	Aroclor-1260	1.1	U	1.1	U				
57-74-9	Chlordane	1.1	U	1.1	U				
53494-70-5	Endrin ketone	NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	CNS-G-W002-01		CNS-G-W004-01					
	ORIGINAL ID ----->	CNSGW00201		CNSGW00401					
	LAB SAMPLE ID --->	L5486-18		L5486-20					
	ID FROM REPORT -->	CNSGW00201		CNSGW00401					
	SAMPLE DATE ----->	09/29/95		09/29/95					
	DATE EXTRACTED -->	10/06/95		10/06/95					
	DATE ANALYZED --->	10/12/95		10/12/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L5486	VAL	L5486	VAL				
108-95-2	Phenol	12.	UJ	11.	U				
111-44-4	bis(2-Chloroethyl)ether	12.	U	11.	U				
95-57-8	2-Chlorophenol	12.	UJ	11.	U				
541-73-1	1,3-Dichlorobenzene	12.	U	11.	U				
106-46-7	1,4-Dichlorobenzene	12.	U	11.	U				
100-51-6	Benzyl alcohol	24.	UJ	22.	UJ				
95-50-1	1,2-Dichlorobenzene	12.	U	11.	U				
95-48-7	2-Methylphenol (o-Cresol)	12.	UJ	11.	U				
39638-32-9	Bis(2-Chloroisopropyl)Ether	12.	U	11.	U				
621-64-7	N-Nitroso-di-n-propylamine	12.	U	11.	U				
67-72-1	Hexachloroethane	12.	U	11.	U				
98-95-3	Nitrobenzene	12.	U	11.	U				
78-59-1	Isophorone	12.	U	11.	U				
88-75-5	2-Nitrophenol	12.	UJ	11.	U				
105-67-9	2,4-Dimethylphenol	12.	UJ	11.	U				
65-85-0	Benzoic acid	60.	U	54.	U				
111-91-1	bis(2-Chloroethoxy)methane	12.	U	11.	U				
120-83-2	2,4-Dichlorophenol	12.	UJ	11.	U				
120-82-1	1,2,4-Trichlorobenzene	12.	U	11.	U				
91-20-3	Naphthalene	12.	U	11.	U				
106-47-8	4-Chloroaniline	24.	U	22.	U				
87-68-3	Hexachlorobutadiene	12.	U	11.	U				
59-50-7	4-Chloro-3-methylphenol	24.	UJ	22.	U				
91-57-6	2-Methylnaphthalene	12.	U	11.	U				
77-47-4	Hexachlorocyclopentadiene	12.	U	11.	U				
88-06-2	2,4,6-Trichlorophenol	12.	UJ	11.	U				
95-95-4	2,4,5-Trichlorophenol	12.	UJ	11.	U				
91-58-7	2-Chloronaphthalene	12.	U	11.	U				
88-74-4	2-Nitroaniline	60.	U	54.	U				
131-11-3	Dimethyl phthalate	12.	U	11.	U				
208-96-8	Acenaphthylene	12.	U	11.	U				
606-20-2	2,6-Dinitrotoluene	12.	U	11.	U				
99-09-2	3-Nitroaniline	60.	U	54.	U				
83-32-9	Acenaphthene	12.	U	11.	U				
51-28-5	2,4-Dinitrophenol	60.	UJ	54.	U				
100-02-7	4-Nitrophenol	60.	UJ	54.	U				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA									
	SAMPLE ID ------->	CNS-G-W002-01		CNS-G-W004-01					
	ORIGINAL ID ----->	CNSGW00201		CNSGW00401					
	LAB SAMPLE ID --->	L5486-18		L5486-20					
	ID FROM REPORT -->	CNSGW00201		CNSGW00401					
	SAMPLE DATE ----->	09/29/95		09/29/95					
	DATE EXTRACTED -->	10/06/95		10/06/95					
	DATE ANALYZED --->	10/12/95		10/12/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L5486	VAL	L5486	VAL				
132-64-9	Dibenzofuran	12.	U	11.	U				
121-14-2	2,4-Dinitrotoluene	12.	U	11.	U				
84-66-2	Diethylphthalate	12.	U	11.	U				
7005-72-3	4-Chlorophenylphenylether	12.	U	11.	U				
86-73-7	Fluorene	12.	U	11.	U				
100-01-6	4-Nitroaniline	24.	U	22.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	60.	UJ	54.	U				
86-30-6	N-Nitrosodiphenylamine	12.	U	11.	U				
101-55-3	4-Bromophenyl-phenylether	12.	U	11.	U				
118-74-1	Hexachlorobenzene	12.	U	11.	U				
87-86-5	Pentachlorophenol	60.	UJ	54.	U				
85-01-8	Phenanthrene	12.	U	11.	U				
120-12-7	Anthracene	12.	U	11.	U				
86-74-8	Carbazole	12.	U	11.	U				
84-74-2	Di-n-butylphthalate	12.	U	11.	U				
206-44-0	Fluoranthene	12.	U	11.	U				
129-00-0	Pyrene	12.	U	11.	U				
85-68-7	Butylbenzylphthalate	12.	U	11.	U				
91-94-1	3,3'-Dichlorobenzidine	24.	U	22.	U				
56-55-3	Benzo(a)anthracene	12.	U	11.	U				
218-01-9	Chrysene	12.	U	11.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	12.	U	11.	U				
117-84-0	Di-n-octyl phthalate	12.	U	11.	U				
205-99-2	Benzo(b)fluoranthene	12.	U	11.	U				
207-08-9	Benzo(k)fluoranthene	12.	U	11.	U				
50-32-8	Benzo(a)pyrene	12.	U	11.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	12.	U	11.	U				
53-70-3	Dibenz(a,h)anthracene	12.	U	11.	U				
191-24-2	Benzo(g,h,i)perylene	12.	U	11.	U				
106-44-5	4-Methylphenol (p-Cresol)	12.	U	11.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA										
	SAMPLE ID ------->	CNS-G-W002-01		CNS-G-W004-01		CNS-G-W005-01				
	ORIGINAL ID ----->	CNSGW00201		CNSGW00401		CNSGW00501				
	LAB SAMPLE ID --->	L5486-1		L5486-4		L5486-15				
	ID FROM REPORT -->	CNSGW00201		CNSGW00401		CNSGW00501				
	SAMPLE DATE ----->	09/29/95		09/29/95		09/29/95				
	DATE ANALYZED --->	10/06/95		10/06/95		10/07/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L5486	VAL	L5486	VAL	L5486	VAL			
74-87-3	Chloromethane	5.	U	5.	U	5.	U			
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U			
74-83-9	Bromomethane	5.	U	5.	U	5.	U			
75-00-3	Chloroethane	5.	UJ	5.	UJ	5.	UJ			
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U			
67-64-1	Acetone	10.	U	10.	U	10.	U			
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U			
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U			
75-09-2	Methylene chloride	5.	U	5.	U	5.	U			
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U			
108-05-4	Vinyl acetate	10.	U	10.	U	10.	UR			
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U			
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U			
67-66-3	Chloroform	5.	U	5.	U	5.	U			
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U			
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U			
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U			
71-43-2	Benzene	5.	U	5.	U	5.	U			
79-01-6	Trichloroethene	5.	U	5.	U	5.	U			
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U			
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U			
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U			
108-88-3	Toluene	5.	U	5.	U	5.	U			
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U			
591-78-6	2-Hexanone	10.	U	10.	U	10.	U			
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U			
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U			
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U			
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U			
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U			
1330-20-7	Xylene (Total)	NR		NR		NR				
95-47-6	o-Xylene	5.	U	5.	U	5.	U			
100-42-5	Styrene	5.	U	5.	U	5.	U			
75-25-2	Bromoform	5.	U	5.	U	5.	U			

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA											
	SAMPLE ID ------->	CNS-G-W002-01		CNS-G-W004-01		CNS-G-W005-01					
	ORIGINAL ID ----->	CNSGW00201		CNSGW00401		CNSGW00501					
	LAB SAMPLE ID --->	L5486-1		L5486-4		L5486-15					
	ID FROM REPORT -->	CNSGW00201		CNSGW00401		CNSGW00501					
	SAMPLE DATE ----->	09/29/95		09/29/95		09/29/95					
	DATE ANALYZED --->	10/06/95		10/06/95		10/07/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	L5486	VAL	L5486	VAL	L5486	VAL				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U				
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U				
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U				
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U				
999900-05-0	m+p Xylene	5.	U	5.	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

'PH

SAMPLE ID ------->	CNS-G-W004-01
ORIGINAL ID ----->	CNSGW00401
LAB SAMPLE ID --->	L5486-34
ID FROM REPORT -->	CNSGW00401
SAMPLE DATE ----->	09/29/95
DATE EXTRACTED -->	10/05/95
DATE ANALYZED --->	10/07/95
MATRIX ---------->	Water
UNITS ---------->	MG/L

CAS #	Parameter	L5486	VAL
'99900-02-6	TPH - Diesel Range Organics	1.1	U
'99900-02-5	TPH - Gasoline Range Organics	1.1	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE											
		SAMPLE ID ------->	002-G-W001-04		002-G-W002-04		002-G-W003-04		002-G-W004-04		002-G-W006-04	
		ORIGINAL ID ----->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
		LAB SAMPLE ID --->	6395-01		6382-01		6382-02		6382-03		6395-02	
		ID FROM REPORT -->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
		SAMPLE DATE ----->	10/07/96		10/04/96		10/04/96		10/04/96		10/07/96	
		DATE EXTRACTED -->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
		DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
		MATRIX ---------->	Water		Water		Water		Water		Water	
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter		6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL
16887-00-6	Chloride		23.		847.		58.		177.		5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ETALS

	SAMPLE ID ------->	002-G-W001-04		002-G-W002-04		002-G-W003-04		002-G-W004-04		002-G-W006-04	
	ORIGINAL ID ----->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	LAB SAMPLE ID --->	6395-01		6382-01		6382-02		6382-03		6395-02	
	ID FROM REPORT -->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	SAMPLE DATE ----->	10/07/96		10/04/96		10/04/96		10/04/96		10/07/96	
	DATE EXTRACTED -->	10/11/96		10/11/96		10/11/96		10/11/96		10/11/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/14/96		10/14/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL
7429-90-5	Aluminum (Al)	9.9	U	10.9	U	21.	U	49.8	U	507.	
7440-36-0	Antimony (Sb)	2.	U	2.	U	2.	U	2.	U	2.	U
7440-38-2	Arsenic (As)	2.1	U	2.1	U	2.2	J	10.3	J	2.1	U
7440-39-3	Barium (Ba)	54.	J	34.1	J	29.4	J	26.9	J	50.6	J
7440-41-7	Beryllium (Be)	0.11	U	0.11	U	0.11	U	0.11	U	0.42	J
7440-43-9	Cadmium (Cd)	0.22	J	0.48	J	0.22	U	0.22	U	0.46	J
7440-70-2	Calcium (Ca)	236000.		108000.		63000.		6260.		9060.	
7440-47-3	Chromium (Cr)	2.5	U	5.2	J	2.3	U	2.1	U	0.84	U
7440-48-4	Cobalt (Co)	0.67	U	1.5	J	0.67	U	0.67	U	2.5	J
7440-50-8	Copper (Cu)	2.7	J	4.2	J	9.4	J	1.7	J	11.	J
7439-89-6	Iron (Fe)	113.		3900.		681.		11700.		28.	J
7439-92-1	Lead (Pb)	1.4	U	1.4	U	1.5	U	1.4	U	1.4	U
7439-95-4	Magnesium (Mg)	46700.		75200.		36400.		13200.		2490.	J
7439-96-5	Manganese (Mn)	219.		3410.		294.		241.		27.	
7439-97-6	Mercury (Hg)	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
7440-02-0	Nickel (Ni)	0.67	U	13.	J	0.67	U	0.67	U	6.4	J
7440-09-7	Potassium (K)	19000.	J	67500.	J	23100.	J	38800.	J	1500.	J
7782-49-2	Selenium (Se)	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U	39.8		1.	U
7440-23-5	Sodium (Na)	68400.		492000.		42500.		228000.		2680.	J
7440-28-0	Thallium (Tl)	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
7440-62-2	Vanadium (V)	0.47	U	0.44	U	0.56	U	1.	U	0.44	U
7440-66-6	Zinc (Zn)	12.3	U	242.		23.7	U	19.7	U	68.1	
7440-31-5	Tin (Sn)	5.5	U	33.6	J	13.8	U	5.5	U	5.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE											
	SAMPLE ID ------->	002-G-W001-04		002-G-W002-04		002-G-W003-04		002-G-W004-04		002-G-W006-04	
	ORIGINAL ID ----->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	LAB SAMPLE ID --->	6395-01		6382-01		6382-02		6382-03		6395-02	
	ID FROM REPORT -->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	SAMPLE DATE ----->	10/07/96		10/04/96		10/04/96		10/04/96		10/07/96	
	DATE EXTRACTED -->	10/18/96								10/18/96	
	DATE ANALYZED --->	10/18/96		11/22/96		11/22/96		11/22/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL
14808-79-8	Sulfate	609.		334.	J	132.	J	10.	UJ	40.4	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

	SAMPLE ID ------->	002-G-W001-02		002-G-W001-03		002-G-W002-02		002-G-W002-03		002-G-W003-02		002-G-W003-03	
	ORIGINAL ID ----->	002GW00102		002GW00103		002GW00202		02GW00203		002GW00302		02GW00303	
	LAB SAMPLE ID --->	L6884-5		L7287-34		L6891-3		L7276-1		L6884-6		L7276-2	
	ID FROM REPORT -->	002GW00102		02GW00103		002GW00202		02GW00203		002GW00302		02GW00303	
	SAMPLE DATE ----->	04/22/96		06/20/96		04/23/96		06/19/96		04/22/96		06/19/96	
	DATE EXTRACTED -->	05/03/96		07/08/96		05/03/96		07/08/96		05/03/96		07/08/96	
	DATE ANALYZED --->	05/07/96		07/10/96		05/07/96		07/10/96		05/07/96		07/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6884W	VAL	L7287M	VAL	L6891W	VAL	L7276M	VAL	L6884W	VAL	L7276M	VAL
7429-90-5	Aluminum (Al)	129.	UJ	82.8	U	178.	UJ	48.	U	36.	UJ	48.	U
7440-36-0	Antimony (Sb)	5.4	U	9.	U	6.6	U	9.	U	6.8	U	9.	U
7440-38-2	Arsenic (As)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-39-3	Barium (Ba)	22.7	U	23.6	J	28.1	U	27.9	J	29.	U	31.	J
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	5.	U	3.	U	5.	U	3.	U
7440-70-2	Calcium (Ca)	48100.		44900.		92600.		88400.		68400.		69300.	
7440-47-3	Chromium (Cr)	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
7440-48-4	Cobalt (Co)	7.	U	4.	U	7.	U	6.3	J	7.	U	4.	U
7440-50-8	Copper (Cu)	7.	U	6.	U	7.	U	6.4	U	7.	U	6.	U
7439-89-6	Iron (Fe)	1270.		896.		2220.		2520.		733.		1340.	
7439-92-1	Lead (Pb)	2.	U	2.	U	2.	U	2.8	J	2.	U	2.	U
7439-95-4	Magnesium (Mg)	13700.		13400.		69600.		65100.		40200.		39300.	
7439-96-5	Manganese (Mn)	496.		1990.		3350.		3000.		291.		307.	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	15.1	U	12.	U	13.	U	12.	U
7440-09-7	Potassium (K)	4000.	J	5720.		25800.		28400.	J	15600.		17800.	J
7782-49-2	Selenium (Se)	3.	UJ	3.	U	3.	UJ	3.	U	3.	UJ	3.	U
7440-22-4	Silver (Ag)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-23-5	Sodium (Na)	233000.		229000.		445000.		434000.		31700.	U	35800.	
7440-28-0	Thallium (Tl)	3.	UJ	3.	U	3.	UJ	3.	UJ	3.	U	3.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-66-6	Zinc (Zn)	3.7	U	12.6	U	204.		155.	J	3.4	U	6.	U
7440-31-5	Tin (Sn)	33.	U	15.	UJ	33.	U	15.	UJ	33.	U	15.	UJ

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	002-G-W004-02		002-G-W004-03		002-G-W005-02		002-G-W005-03		002-G-W006-02		002-G-W006-03	
	ORIGINAL ID ----->	002GW00402		002GW00403		002GW00502		002GW00503		002GW00602		002GW00603	
	LAB SAMPLE ID --->	L6891-4		L7276-3		L6891-5		L7287-35		L6891-6		L7287-36	
	ID FROM REPORT -->	002GW00402		002GW00403		002GW00502		002GW00503		002GW00602		002GW00603	
	SAMPLE DATE ----->	04/23/96		06/19/96		04/23/96		06/20/96		04/23/96		06/20/96	
	DATE EXTRACTED -->	05/03/96		07/08/96		05/03/96		07/08/96		05/03/96		07/08/96	
	DATE ANALYZED --->	05/07/96		07/10/96		05/07/96		07/10/96		05/07/96		07/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891W	VAL	L7276M	VAL	L6891W	VAL	L7287M	VAL	L6891W	VAL	L7287M	VAL
7429-90-5	Aluminum (Al)	152.	UJ	192.	U	1280.		591.		816.		584.	
7440-36-0	Antimony (Sb)	4.	U	9.	U	4.9	U	9.	U	4.	U	9.	U
7440-38-2	Arsenic (As)	7.	U	4.6	J	2.	U	2.	U	2.	U	2.	U
7440-39-3	Barium (Ba)	33.9	U	34.4	J	48.9	U	47.8	J	45.7	U	44.	J
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	5.	U	3.	U	5.	U	3.	U
7440-70-2	Calcium (Ca)	11100.	U	7500.		101000.		95400.		10600.	U	9230.	
7440-47-3	Chromium (Cr)	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
7440-48-4	Cobalt (Co)	7.	U	4.	U	7.	U	4.	U	7.	U	5.6	J
7440-50-8	Copper (Cu)	7.	U	6.	U	7.	U	6.	U	7.	U	10.5	U
7439-89-6	Iron (Fe)	15500.		15700.		677.		257.		240.		26.	U
7439-92-1	Lead (Pb)	2.	U	2.	U	18.9		2.	U	2.1	J	2.	U
7439-95-4	Magnesium (Mg)	17100.		17200.		86100.		80700.		2910.		2490.	J
7439-96-5	Manganese (Mn)	119.		168.		28.3	U	28.1	U	28.5	U	25.2	U
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
7440-09-7	Potassium (K)	19800.		24700.	J	52400.		60000.		1220.	UJ	2560.	J
7782-49-2	Selenium (Se)	3.	UJ	3.	U	3.	UJ	15.	UJ	3.	UJ	3.	U
7440-22-4	Silver (Ag)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-23-5	Sodium (Na)	287000.		290000.		771000.		763000.		3210.	U	3410.	J
7440-28-0	Thallium (Tl)	3.	UJ	3.	U	3.	UJ	3.	U	3.	UJ	3.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-66-6	Zinc (Zn)	7.1	U	6.5	U	3.4	U	3.1	U	52.6	U	58.6	
7440-31-5	Tin (Sn)	33.	U	15.	UJ	33.	U	15.	UJ	33.	U	15.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

SAMPLE ID ------->	002-G-W003-04
ORIGINAL ID ----->	002GW00304
LAB SAMPLE ID --->	6382-02
ID FROM REPORT -->	002GW00304
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/07/96
DATE ANALYZED --->	10/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	6382	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
319-86-8	delta-BHC	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
959-98-8	Endosulfan I	0.05	U
5103-71-9	alpha-Chlordane	0.05	U
72-55-9	4,4'-DDE	0.1	U
50-29-3	4,4'-DDT	0.1	U
60-57-1	Dieldrin	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
72-43-5	Methoxychlor	0.5	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U
57-74-9	Chlordane	1.	U
53494-70-5	Endrin ketone	0.1	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOC

SAMPLE ID ------->	CNS-G-W006-11
ORIGINAL ID ----->	CNSGW00602
LAB SAMPLE ID --->	25149.10
ID FROM REPORT -->	CNSGW00602
SAMPLE DATE ----->	04/03/96
DATE ANALYZED --->	04/09/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	25149	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	10.	UR
75-27-4	Bromodichloromethane	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
127-18-4	Tetrachloroethene	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (Total)	NR	
99900-05-0	m+p Xylene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DS

	SAMPLE ID ------->	002-G-W001-04		002-G-W002-04		002-G-W003-04		002-G-W004-04		002-G-W006-04	
	ORIGINAL ID ----->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	LAB SAMPLE ID --->	6395-01		6382-01		6382-02		6382-03		6395-02	
	ID FROM REPORT -->	002GW00104		002GW00204		002GW00304		002GW00404		002GW00604	
	SAMPLE DATE ----->	10/07/96		10/04/96		10/04/96		10/04/96		10/07/96	
	DATE EXTRACTED -->	10/14/96		10/14/96		10/14/96		10/14/96		10/14/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/14/96		10/14/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL
99900-07-2	Total Dissolved Solids (TDS)	1240.		2150.		524.		706.		100.	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
		SAMPLE ID ------->	S02-M-0001-01		S02-M-0002-01		S02-M-0003-01		S02-M-0004-01		S02-N-0004-01		S02-M-0005-01
		ORIGINAL ID ----->	S02S0101		S02S0201		S02S0301		S02S0401		S02S041D		S02S0501
		LAB SAMPLE ID --->	S345997*4		S345997*5		S345997*6		S345997*7		S345997A*1		S345997*8
		ID FROM REPORT -->	S02S0101		S02S0201		S02S0301		S02S0401		S02S041D		S02S0501
		SAMPLE DATE ----->	10/25/93		10/25/93		10/25/93		10/25/93		10/25/93		10/25/93
		DATE ANALYZED --->	11/09/93		11/09/93		11/09/93		11/09/93		11/08/93		11/09/93
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment
		UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg
CAS #	Parameter		CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS14	VAL	CNS16	VAL
57-12-5	Cyanide (CN)		1.2	UJ	1.2	UJ	1.5	UJ	1.6	UJ	1.3	UJ	1.3	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ANIDE

	SAMPLE ID ------->	S02-M-0006-01		S02-M-0007-01		S02-M-0008-01		S02-M-0009-01		S02-N-0009-01		S02-M-0010-01	
	ORIGINAL ID ----->	S02S0601		S02S0701		S02S0801		S02S0901		S02S091D		S02S1001	
	LAB SAMPLE ID --->	S345997*9		S345997*10		S345997*11		S345997*12		S345997A*2		S345997*13	
	ID FROM REPORT -->	S02S0601		S02S0701		S02S0801		S02S0901		S02S091D		S02S1001	
	SAMPLE DATE ----->	10/25/93		10/25/93		10/25/93		10/25/93		10/25/93		10/25/93	
	DATE ANALYZED --->	11/09/93		11/09/93		11/09/93		11/09/93		11/08/93		11/09/93	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS14	VAL	CNS16	VAL
57-12-5	Cyanide (CN)	1.4	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

SAMPLE ID -------->	S02-M-0011-01
ORIGINAL ID ----->	S02S1101
LAB SAMPLE ID --->	S345997*14
ID FROM REPORT -->	S02S1101
SAMPLE DATE ----->	10/25/93
DATE ANALYZED --->	11/09/93
MATRIX ---------->	Sediment
UNITS ---------->	mg/kg

CAS #	Parameter	CNS16	VAL
57-12-5	Cyanide (CN)	2.6	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GANOTIN									
	SAMPLE ID ------->	002-M-0001-01		002-M-0002-01					
	ORIGINAL ID ----->	002M000101		002M000201					
	LAB SAMPLE ID --->	1095012-1		1095012-2					
	ID FROM REPORT -->	002M000101		002M000201					
	SAMPLE DATE ----->	10/11/95		10/11/95					
	DATE EXTRACTED -->	10/16/95		10/16/95					
	DATE ANALYZED --->	11/12/95		11/12/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	ug/kg		ug/kg					
CAS #	Parameter	L5586	VAL	L5586	VAL				
1461-25-2	Tetrabutyltin	2.2	U	2.2	U				
1461-22-9	Tributyltin	2.2	U	2.2	U				
683-18-1	Dibutyltin	2.8	U	2.8	U				
1118-46-3	Monobutyltin	3.1	U	3.1	U				

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

SAMPLE ID ------->	002-M-0001-01		002-M-0002-01		S02-M-0001-01		S02-M-0002-01		S02-M-0003-01		S02-M-0004-01	
ORIGINAL ID ----->	002M000101		002M000201		S02S0101		S02S0201		S02S0301		S02S0401	
LAB SAMPLE ID --->	L5586-43		L5586-44		S345997*4		S345997*5		S345997*6		S345997*7	
ID FROM REPORT -->	002M000101		002M000201		S02S0101		S02S0201		S02S0301		S02S0401	
SAMPLE DATE ----->	10/11/95		10/11/95		10/25/93		10/25/93		10/25/93		10/25/93	
DATE EXTRACTED -->	10/21/95		10/21/95									
DATE ANALYZED --->	10/27/95		10/27/95		11/09/93		11/09/93		11/09/93		11/09/93	
MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
UNITS ---------->	MG/KG		MG/KG		mg/kg		mg/kg		mg/kg		mg/kg	
CAS # Parameter	L5586S	VAL	L5586S	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL
7429-90-5 Aluminum (Al)	13400.		14700.		9100.		4600.		6600.		1400.	
7440-36-0 Antimony (Sb)	12.6	U	16.1	U	9.7	J	6.	UJ	7.4	UJ	7.9	UJ
7440-38-2 Arsenic (As)	4.4		7.8		17.	J	6.4	J	18.	J	5.5	J
7440-39-3 Barium (Ba)	19.6	J	27.8	J	160.	J	18.	J	26.	J	25.	J
7440-41-7 Beryllium (Be)	0.25	U	0.32	U	2.2	J	0.6	UJ	0.74	UJ	0.79	J
7440-43-9 Cadmium (Cd)	1.2	U	1.6	U	8.4	J	1.7	J	1.8	J	1.3	J
7440-70-2 Calcium (Ca)	38000.		104000.		84000.		82000.		150000.		73000.	
7440-47-3 Chromium (Cr)	22.7		33.5		35.		76.		31.		11.	
7440-48-4 Cobalt (Co)	1.5	U	1.9	U	3.1		3.5		2.9		1.6	U
7440-50-8 Copper (Cu)	7.4		44.5		230.		290.		92.		29.	
7439-89-6 Iron (Fe)	10700.	J	12700.	J	13000.		17000.		7000.		6900.	
7439-92-1 Lead (Pb)	15.2		26.4		1000.	J	200.	J	110.	J	86.	J
7439-95-4 Magnesium (Mg)	2260.		4450.		2400.		3500.		3000.		880.	
7439-96-5 Manganese (Mn)	35.8		165.		470.		140.		120.		68.	
7439-97-6 Mercury (Hg)	0.11	U	0.16	U	0.39		0.56		0.1		0.11	
7440-02-0 Nickel (Ni)	8.3	J	13.6		36.	J	54.	J	16.	J	9.8	J
7440-09-7 Potassium (K)	768.	J	1330.	J	1800.	J	270.	J	630.	J	160.	UJ
7782-49-2 Selenium (Se)	0.74	UJ	0.93	U	1.2	UJ	1.2	UJ	1.5	UJ	1.6	UJ
7440-22-4 Silver (Ag)	0.74	U	0.95	U	11.	J	1.2	UJ	5.2	J	1.6	UJ
7440-23-5 Sodium (Na)	2040.		3460.		290.	J	1100.	J	600.	J	110.	J
7440-28-0 Thallium (Tl)	0.99	U	1.2	U	1.2	U	1.2	UJ	1.5	UJ	1.6	U
7440-62-2 Vanadium (V)	23.8		29.7		17.		16.		21.		6.8	
7440-66-6 Zinc (Zn)	34.3		57.1		490.		180.		430.		250.	
7440-31-5 Tin (Sn)	9.2	U	11.7	U	NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

B46-META

	SAMPLE ID ------->	S02-N-0004-01		S02-M-0005-01		S02-M-0006-01		S02-M-0007-01		S02-M-0008-01		S02-M-0009-01	
	ORIGINAL ID ----->	S02S041D		S02S0501		S02S0601		S02S0701		S02S0801		S02S0901	
	LAB SAMPLE ID --->	S345997A*1		S345997*8		S345997*9		S345997*10		S345997*11		S345997*12	
	ID FROM REPORT -->	S02S041D		S02S0501		S02S0601		S02S0701		S02S0801		S02S0901	
	SAMPLE DATE ----->	10/25/93		10/25/93		10/25/93		10/25/93		10/25/93		10/25/93	
	DATE ANALYZED --->	11/08/93		11/09/93		11/09/93		11/09/93		11/09/93		11/09/93	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS14	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL	CNS16	VAL
7429-90-5	Aluminum (Al)	1860.		2600.		1000.		1300.		560.		620.	
7440-36-0	Antimony (Sb)	6.6	UJ	6.7	UJ	6.8	UJ	6.3	UJ	6.6	UJ	6.2	UJ
7440-38-2	Arsenic (As)	8.5		5.1	J	2.	J	1.3	UJ	1.3	UJ	1.2	UJ
7440-39-3	Barium (Ba)	17.1		5.4	J	16.	J	55.	J	20.	J	3.2	J
7440-41-7	Beryllium (Be)	0.66	U	0.67	UJ	0.68	UJ	0.63	UJ	0.66	UJ	0.62	UJ
7440-43-9	Cadmium (Cd)	1.3		0.67	UJ	0.68	UJ	0.63	UJ	0.66	UJ	0.62	UJ
7440-70-2	Calcium (Ca)	103000.	J	690.		4500.		7600.		1900.		8500.	
7440-47-3	Chromium (Cr)	15.4		6.6		4.2		5.4		2.2		2.3	
7440-48-4	Cobalt (Co)	1.6		1.5		1.4	U	1.3	U	1.3	U	1.2	U
7440-50-8	Copper (Cu)	26.8	J	3.3	U	14.		4.1		3.4		5.9	
7439-89-6	Iron (Fe)	9770.		3500.		2300.		4900.		1100.		1300.	
7439-92-1	Lead (Pb)	90.7	J	3.7		14.		47.		6.4		6.2	
7439-95-4	Magnesium (Mg)	1270.		650.		500.		650.		410.		420.	
7439-96-5	Manganese (Mn)	107.	J	24.		23.		19.		9.2		11.	
7439-97-6	Mercury (Hg)	0.11	J	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
7440-02-0	Nickel (Ni)	13.8		5.3	UJ	5.5	UJ	5.1	UJ	5.3	UJ	5.	UJ
7440-09-7	Potassium (K)	214.		390.	J	200.	J	160.	J	160.	J	140.	J
7782-49-2	Selenium (Se)	1.3	UJ	1.3	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.2	UJ
7440-22-4	Silver (Ag)	1.3	U	1.3	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.2	UJ
7440-23-5	Sodium (Na)	142.		2300.	J	1900.	J	1600.	J	2000.	J	1600.	J
7440-28-0	Thallium (Tl)	1.3	UJ	1.3	UJ	1.4	UJ	1.3	U	1.3	U	1.2	U
7440-62-2	Vanadium (V)	7.3		10.		3.9		12.		2.		2.3	
7440-66-6	Zinc (Zn)	277.		5.8		14.		17.		7.5		15.	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META										
	SAMPLE ID ------->	S02-N-0009-01		S02-M-0010-01		S02-M-0011-01				
	ORIGINAL ID ----->	S02S091D		S02S1001		S02S1101				
	LAB SAMPLE ID --->	S345997A*2		S345997*13		S345997*14				
	ID FROM REPORT -->	S02S091D		S02S1001		S02S1101				
	SAMPLE DATE ----->	10/25/93		10/25/93		10/25/93				
	DATE ANALYZED --->	11/08/93		11/09/93		11/09/93				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	mg/kg		mg/kg		mg/kg				
CAS #	Parameter	CNS14	VAL	CNS16	VAL	CNS16	VAL			
7429-90-5	Aluminum (Al)	638.		1400.		4600.				
7440-36-0	Antimony (Sb)	6.4	UJ	6.9	UJ	13.	UJ			
7440-38-2	Arsenic (As)	1.3	U	2.7	UJ	4.7	J			
7440-39-3	Barium (Ba)	5.8		3.2	J	10.	J			
7440-41-7	Beryllium (Be)	0.64	U	0.69	UJ	1.3	UJ			
7440-43-9	Cadmium (Cd)	0.64	U	0.69	UJ	1.3	UJ			
7440-70-2	Calcium (Ca)	12400.	J	38000.		14000.				
7440-47-3	Chromium (Cr)	3.6		5.6		15.				
7440-48-4	Cobalt (Co)	1.3	U	1.4	U	2.6	U			
7440-50-8	Copper (Cu)	3.2	J	4.2		22.				
7439-89-6	Iron (Fe)	1720.		2200.		6300.				
7439-92-1	Lead (Pb)	26.9		7.9		17.				
7439-95-4	Magnesium (Mg)	490.		1100.		2600.				
7439-96-5	Manganese (Mn)	15.	J	33.		41.				
7439-97-6	Mercury (Hg)	0.01	UJ	0.01	U	0.04				
7440-02-0	Nickel (Ni)	5.1	U	5.6	UJ	10.	UJ			
7440-09-7	Potassium (K)	141.		270.	J	960.	J			
7782-49-2	Selenium (Se)	1.3	UJ	1.4	UJ	2.6	UJ			
7440-22-4	Silver (Ag)	1.3	U	1.4	UJ	2.6	UJ			
7440-23-5	Sodium (Na)	1690.		2700.	J	8900.	J			
7440-28-0	Thallium (Tl)	1.3	U	1.4	U	2.5	U			
7440-62-2	Vanadium (V)	2.6		4.5		13.				
7440-66-6	Zinc (Zn)	15.3		21.		37.				
7440-31-5	Tin (Sn)	NR		NR		NR				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->		038-C-B002-01		038-C-B006-01					
ORIGINAL ID ----->		038CB00201		038CB00601					
LAB SAMPLE ID --->		L5509-6		L5509-5					
ID FROM REPORT -->		038CB00201		038CB00601					
SAMPLE DATE ----->		10/03/95		10/03/95					
DATE EXTRACTED -->		10/17/95		10/17/95					
DATE ANALYZED --->		10/30/95		10/30/95					
MATRIX ---------->		Soil		Soil					
UNITS ---------->		UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
108-95-2	Phenol	740.	U	790.	U				
111-44-4	bis(2-Chloroethyl)ether	740.	U	790.	U				
95-57-8	2-Chlorophenol	740.	U	790.	U				
100-51-6	Benzyl alcohol	1500.	U	1600.	U				
95-48-7	2-Methylphenol (o-Cresol)	740.	U	790.	U				
39638-32-9	Bis(2-Chloroisopropyl)Ether	740.	U	790.	U				
621-64-7	N-Nitroso-di-n-propylamine	740.	U	790.	U				
67-72-1	Hexachloroethane	740.	U	790.	U				
98-95-3	Nitrobenzene	740.	U	790.	U				
78-59-1	Isophorone	740.	U	790.	U				
88-75-5	2-Nitrophenol	740.	U	790.	U				
105-67-9	2,4-Dimethylphenol	740.	U	790.	U				
111-91-1	bis(2-Chloroethoxy)methane	740.	U	790.	U				
120-83-2	2,4-Dichlorophenol	740.	U	790.	U				
91-20-3	Naphthalene	740.	U	790.	U				
106-47-8	4-Chloroaniline	1500.	U	1600.	U				
87-68-3	Hexachlorobutadiene	740.	U	790.	U				
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U				
91-57-6	2-Methylnaphthalene	740.	U	790.	U				
77-47-4	Hexachlorocyclopentadiene	740.	U	790.	U				
88-06-2	2,4,6-Trichlorophenol	740.	U	790.	U				
95-95-4	2,4,5-Trichlorophenol	740.	U	790.	U				
91-58-7	2-Chloronaphthalene	740.	U	790.	U				
88-74-4	2-Nitroaniline	3700.	U	4000.	U				
131-11-3	Dimethyl phthalate	740.	U	790.	U				
208-96-8	Acenaphthylene	740.	U	790.	U				
606-20-2	2,6-Dinitrotoluene	740.	U	790.	U				
99-09-2	3-Nitroaniline	3700.	U	4000.	U				
83-32-9	Acenaphthene	740.	U	790.	U				
51-28-5	2,4-Dinitrophenol	3700.	U	4000.	U				
100-02-7	4-Nitrophenol	3700.	U	4000.	U				
132-64-9	Dibenzofuran	740.	U	790.	U				
121-14-2	2,4-Dinitrotoluene	740.	U	790.	U				
84-66-2	Diethylphthalate	740.	U	790.	U				
7005-72-3	4-Chlorophenylphenylether	740.	U	790.	U				
86-73-7	Fluorene	740.	U	790.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-6		L5509-5					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/30/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
100-01-6	4-Nitroaniline	3700.	U	4000.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	4000.	U				
86-30-6	N-Nitrosodiphenylamine	3700.	U	4000.	U				
101-55-3	4-Bromophenyl-phenylether	740.	U	790.	U				
118-74-1	Hexachlorobenzene	740.	U	790.	U				
87-86-5	Pentachlorophenol	3700.	U	4000.	U				
85-01-8	Phenanthrene	740.	U	790.	U				
120-12-7	Anthracene	740.	U	790.	U				
84-74-2	Di-n-butylphthalate	740.	U	790.	U				
206-44-0	Fluoranthene	740.	U	790.	U				
129-00-0	Pyrene	740.	U	790.	U				
85-68-7	Butylbenzylphthalate	740.	U	790.	U				
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U				
56-55-3	Benzo(a)anthracene	740.	U	790.	U				
218-01-9	Chrysene	740.	U	790.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	740.	U	790.	U				
117-84-0	Di-n-octyl phthalate	740.	U	790.	U				
205-99-2	Benzo(b)fluoranthene	740.	U	790.	U				
207-08-9	Benzo(k)fluoranthene	740.	U	790.	U				
50-32-8	Benzo(a)pyrene	740.	U	790.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	740.	U	790.	U				
53-70-3	Dibenz(a,h)anthracene	740.	U	790.	U				
191-24-2	Benzo(g,h,i)perylene	740.	U	790.	U				
95-53-4	o-Toluidine	1500.	U	1600.	U				
1888-71-7	Hexachloropropene	740.	U	790.	U				
95-94-3	1,2,4,5-Tetrachlorobenzene	740.	U	790.	U				
608-93-5	Pentachlorobenzene	740.	U	790.	U				
91-59-8	2-Naphthylamine	3700.	U	4000.	U				
134-32-7	1-Naphthylamine	3700.	U	4000.	U				
297-97-2	Thionazin	3700.	U	4000.	U				
99-55-8	5-Nitro-o-toluidine	3700.	U	4000.	U				
2303-16-4	Diallate	1500.	U	1600.	U				
298-02-2	Phorate	1500.	U	1600.	U				
62-44-2	Phenacetin	1500.	U	1600.	U				
60-51-5	Dimethoate	1500.	U	1600.	U				
92-67-1	4-Aminobiphenyl	3700.	U	4000.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-6		L5509-5					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/30/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
23950-58-5	Pronamide	1500.	U	1600.	U				
298-04-4	Disulfoton	1500.	U	1600.	U				
298-00-0	Methyl parathion	3700.	UR	4000.	UR				
56-38-2	Parathion	1500.	UR	1600.	UR				
140-57-8	Aramite	1500.	U	1600.	U				
510-15-6	Chlorobenzilate	1500.	U	1600.	U				
119-93-7	3,3-Dimethylbenzidine	22000.	U	24000.	U				
52-85-7	Famphur	740.	U	790.	U				
53-96-3	Acetamidofluorene	1500.	U	1600.	U				
70-30-4	Hexachlorophene	12000.	U	13000.	U				
56-49-5	3-Methyl cholanthrene	1500.	U	1600.	U				
110-86-1	Pyridine	1500.	U	1600.	U				
76-01-7	Pentachloroethane	740.	U	790.	U				
62-75-9	N-Nitrosodimethylamine	1500.	U	1600.	U				
109-06-8	2-Picoline	2600.	U	2800.	U				
10595-95-6	N-Nitrosomethylethylamine	1500.	U	1600.	U				
66-27-3	Methyl methanesulfonate	740.	U	790.	U				
55-18-5	N-Nitrosodiethylamine	1500.	U	1600.	U				
62-50-0	Ethyl methanesulfonate	740.	U	790.	U				
62-53-3	Aniline	1500.	U	1600.	U				
930-55-2	N-Nitrosopyrrolidine	1500.	U	1600.	U				
59-89-2	N-Nitrosomorpholine	1500.	U	1600.	U				
98-86-2	Acetophenone	740.	U	790.	U				
87-65-0	2,6-Dichlorophenol	1500.	U	1600.	U				
100-75-4	N-Nitrosopiperidine	1500.	U	1600.	U				
924-16-3	N-Nitroso-di-n-butylamine	1500.	U	1600.	U				
120-58-1	Isosafrole	740.	U	790.	U				
94-59-7	Safrole	740.	U	790.	U				
130-15-4	1,4-Naphthoquinone	1500.	U	1600.	U				
99-65-0	1,3-Dinitrobenzene	1500.	U	1600.	U				
58-90-2	2,3,4,6-Tetrachlorophenol	3700.	U	4000.	U				
99-35-4	1,3,5-Trinitrobenzene	1500.	UJ	1600.	UJ				
82-68-8	Pentachloronitrobenzene	740.	U	790.	U				
88-85-7	Dinoseb	2200.	U	2400.	U				
3689-24-5	Sulfotep	1500.	U	1600.	U				
126-68-1	O,O,O-Triethylphosphorothioate	1500.	U	1600.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA									
	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-6		L5509-5					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/30/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
60-11-7	p-(Dimethylamino)azobenzene	1500.	U	1600.	U				
57-97-6	7,12-Dimethylbenz(a)anthracene	740.	U	790.	U				
56-57-5	4-Nitroquinoline 1-oxide	1500.	U	1600.	U				
108-39-4	3-Methylphenol (m-Cresol)	1500.	U	1600.	U				
99900-32-2	3-Methylphenol/4-Methylphenol	1500.	U	1600.	U				
91-80-5	Methapyrilene	1500.	U	1600.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR					

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST

SAMPLE ID ------->	038-C-B002-01		038-C-B006-01				
ORIGINAL ID ----->	038CB00201		038CB00601				
LAB SAMPLE ID --->	L5509-6		L5509-5				
ID FROM REPORT -->	038CB00201		038CB00601				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/16/95		10/16/95				
DATE ANALYZED --->	11/03/95		11/04/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
319-84-6 alpha-BHC	1.9	U	2.	U			
319-85-7 beta-BHC	1.9	U	2.	UJ			
319-86-8 delta-BHC	1.9	U	2.	UJ			
58-89-9 gamma-BHC (Lindane)	1.9	U	2.	U			
76-44-8 Heptachlor	1.9	U	2.	U			
309-00-2 Aldrin	1.9	U	2.	UJ			
1024-57-3 Heptachlor epoxide	1.9	U	2.	UJ			
959-98-8 Endosulfan I	1.9	U	2.	U			
60-57-1 Dieldrin	3.6	U	4.	U			
72-55-9 4,4'-DDE	3.6	U	1.1	J			
72-20-8 Endrin	3.6	U	4.	U			
33213-65-9 Endosulfan II	3.6	U	4.	UJ			
72-54-8 4,4'-DDD	3.6	U	18.	J			
1031-07-8 Endosulfan sulfate	3.6	U	4.	UJ			
50-29-3 4,4'-DDT	9.2		48.	J			
72-43-5 Methoxychlor	19.	U	20.	U			
53494-70-5 Endrin ketone	3.6	U	4.	U			
7421-93-4 Endrin aldehyde	3.6	U	4.	UJ			
5103-71-9 alpha-Chlordane	1.9	U	2.	UJ			
5103-74-2 gamma-Chlordane	1.9	U	2.	UJ			
8001-35-2 Toxaphene	190.	U	200.	U			
12674-11-2 Aroclor-1016	14.	U	16.	U			
11104-28-2 Aroclor-1221	14.	U	16.	U			
11141-16-5 Aroclor-1232	14.	U	16.	U			
53469-21-9 Aroclor-1242	14.	U	16.	U			
12672-29-6 Aroclor-1248	14.	U	16.	U			
11097-69-1 Aroclor-1254	14.	U	16.	U			
11096-82-5 Aroclor-1260	14.	U	16.	U			
57-74-9 Chlordane	44.	U	48.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 VOA

	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-2		L5509-1					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE ANALYZED --->	10/14/95		10/14/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
74-87-3	Chloromethane	11.	U	12.	U				
75-01-4	Vinyl chloride	11.	U	12.	U				
74-83-9	Bromomethane	11.	U	12.	U				
75-00-3	Chloroethane	11.	U	12.	U				
75-69-4	Trichlorofluoromethane	5.5	U	5.8	U				
67-64-1	Acetone	12.	J	120.	U				
75-35-4	1,1-Dichloroethene	5.5	U	5.8	U				
75-15-0	Carbon disulfide	5.5	U	5.8	U				
75-09-2	Methylene chloride	5.5	U	5.8	U				
156-60-5	trans-1,2-Dichloroethene	5.5	U	5.8	U				
108-05-4	Vinyl acetate	5.5	U	5.8	U				
75-34-3	1,1-Dichloroethane	5.5	U	5.8	U				
78-93-3	2-Butanone (MEK)	55.	U	58.	U				
67-66-3	Chloroform	5.5	U	5.8	U				
71-55-6	1,1,1-Trichloroethane	5.5	U	5.8	U				
56-23-5	Carbon tetrachloride	5.5	U	5.8	U				
107-06-2	1,2-Dichloroethane	5.5	U	5.8	U				
71-43-2	Benzene	5.5	U	5.8	U				
79-01-6	Trichloroethene	5.5	U	5.8	U				
78-87-5	1,2-Dichloropropane	5.5	U	5.8	U				
75-27-4	Bromodichloromethane	5.5	U	5.8	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	55.	U	58.	U				
10061-01-5	cis-1,3-Dichloropropene	5.5	U	5.8	U				
108-88-3	Toluene	5.5	U	1.9	J				
10061-02-6	trans-1,3-Dichloropropene	5.5	U	5.8	U				
591-78-6	2-Hexanone	55.	U	58.	U				
79-00-5	1,1,2-Trichloroethane	5.5	U	5.8	U				
127-18-4	Tetrachloroethene	5.5	U	5.8	U				
124-48-1	Dibromochloromethane	5.5	U	5.8	U				
108-90-7	Chlorobenzene	5.5	U	5.8	U				
100-41-4	Ethylbenzene	5.5	U	5.8	U				
1330-20-7	Xylene (Total)	NR		NR					
95-47-6	o-Xylene	5.5	U	5.8	U				
100-42-5	Styrene	5.5	U	5.8	U				
75-25-2	Bromoform	5.5	U	5.8	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	5.8	U				
541-73-1	1,3-Dichlorobenzene	5.5	U	5.8	U				

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 VOA

	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-2		L5509-1					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE ANALYZED --->	10/14/95		10/14/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
106-46-7	1,4-Dichlorobenzene	5.5	U	5.8	U				
95-50-1	1,2-Dichlorobenzene	5.5	U	5.8	U				
75-05-8	Acetonitrile	55.	UJ	58.	UJ				
107-02-8	Acrolein	55.	U	58.	U				
107-13-1	Acrylonitrile	55.	U	58.	U				
107-05-1	3-Chloropropene	22.	U	23.	U				
106-93-4	1, 2-Dibromoethane	5.5	U	5.8	U				
74-95-3	Methylene bromide	5.5	U	5.8	U				
96-12-8	1,2-Dibromo-3-Chloropropane	110.	U	120.	U				
110-57-6	trans-1,4-Dichloro-2-butene	110.	U	120.	U				
75-71-8	Dichlorodifluoromethane	5.5	U	5.8	U				
123-91-1	1,4-Dioxane	110.	U	120.	U				
107-12-0	Propionitrile	11.	U	12.	U				
97-63-2	Ethyl methacrylate	5.5	U	5.8	U				
74-88-4	Methyl iodide	5.5	U	5.8	U				
78-83-1	Isobutyl alcohol	110.	U	120.	U				
126-98-7	Methacrylonitrile	5.5	U	5.8	U				
80-62-6	Methyl methacrylate	5.5	U	5.8	U				
630-20-6	1,1,1,2-Tetrachloroethane	5.5	U	5.8	U				
120-82-1	1,2,4-Trichlorobenzene	5.5	U	5.8	U				
96-18-4	1,2,3-Trichloropropane	5.5	U	5.8	U				
540-59-0	1,2-Dichloroethene (total)	5.5	U	5.8	U				
110-75-8	2-Chloroethyl vinyl ether	5.5	U	5.8	U				
126-99-8	Chloroprene	5.5	U	5.8	U				
76-01-7	Pentachloroethane	5.5	U	5.8	U				
71-36-3	n-Butyl alcohol	5.5	U	5.8	U				
999900-05-0	m+p Xylene	5.5	U	5.8	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-HERB									
	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
	ORIGINAL ID ----->	038CB00201		038CB00601					
	LAB SAMPLE ID --->	L5509-6		L5509-5					
	ID FROM REPORT -->	038CB00201		038CB00601					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/16/95		10/16/95					
	DATE ANALYZED --->	10/25/95		10/25/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
94-75-7	2,4-D	170.	U	180.	U				
93-72-1	2,4,5-TP (Silvex)	55.	U	60.	U				
93-76-5	2,4,5-T	55.	U	60.	U				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	038-C-B002-01		038-C-B006-01					
ORIGINAL ID ----->	038CB00201		038CB00601					
LAB SAMPLE ID --->	107-202-2		107-202-1					
ID FROM REPORT -->	038CB00201		038CB00601					
SAMPLE DATE ----->	10/03/95		10/02/95					
DATE EXTRACTED -->	10/13/95		10/13/95					
DATE ANALYZED --->	10/18/95		10/18/95					
MATRIX ---------->	Soil		Soil					
UNITS ---------->	NG/KG		NG/KG					
CAS # Parameter	L5557	VAL	L5557	VAL				
1746-01-6 2378-TCDD	0.3	U	1.9					
40321-76-4 12378-PeCDD	0.4	U	3.3					
39227-28-6 123478-HxCDD	0.3	U	5.1					
57653-85-7 123678-HxCDD	0.43		19.6					
19408-74-3 123789-HxCDD	1.2		11.7					
35822-46-9 1234678-HpCDD	16.1		554.					
3268-87-9 OCDD	435.		4960.					
51207-31-9 2378-TCDF	0.2	U	10.8					
57117-41-6 12378-PeCDF	0.3	U	3.3					
57117-31-4 23478-PeCDF	0.3	U	5.9					
70648-26-9 123478-HxCDF	0.2	U	19.1					
57117-44-9 123678-HxCDF	0.2	U	9.4					
60851-34-5 234678-HxCDF	0.29	U	8.9					
72918-21-9 123789-HxCDF	0.2	U	0.23	EMPC				
67562-39-4 1234678-HpCDF	1.4	EMPC	186.					
55673-89-7 1234789-HpCDF	0.2	U	9.1					
39001-02-0 OCDF	2.9		445.					
41903-57-5 Total Tetra-Dioxins	0.3	U	13.5	EMPC				
36088-22-9 Total Penta-Dioxins	0.47	EMPC	30.8	EMPC				
34465-46-8 Total Hexa-Dioxins	11.8		157.					
37871-00-4 Total Hepta-Dioxins	44.6		1150.					
55722-27-5 Total Tetra-Furans	0.3		76.6	EMPC				
30602-15-4 Total Penta-Furans	2.	EMPC	69.7	EMPC				
55684-94-1 Total Hexa-Furans	3.	EMPC	250.	EMPC				
38998-75-3 Total Hepta-Furans	3.4	EMPC	454.					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

EXACHROME								
	SAMPLE ID ------->	038-C-B002-01		038-C-B006-01				
	ORIGINAL ID ----->	038CB00201		038CB00601				
	LAB SAMPLE ID --->	L5509-11		L5509-10				
	ID FROM REPORT -->	038CB00201		038CB00601				
	SAMPLE DATE ----->	10/03/95		10/03/95				
	DATE EXTRACTED -->	10/04/95		10/04/95				
	DATE ANALYZED --->	10/04/95		10/04/95				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	L5509I	VAL	L5509I	VAL			
18540-29-9	Chromium (Hexavalent)	0.074	J	0.024	U			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OP PEST

SAMPLE ID ------->	038-C-B002-01		038-C-B006-01				
ORIGINAL ID ----->	038CB00201		038CB00601				
LAB SAMPLE ID --->	L5509-6		L5509-5				
ID FROM REPORT -->	038CB00201		038CB00601				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/17/95		10/17/95				
DATE ANALYZED --->	10/24/95		10/24/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
60-51-5 Dimethoate	55.	U	60.	U			
298-04-4 Disulfoton	55.	U	60.	U			
52-85-7 Famphur	55.	U	60.	U			
56-38-2 Parathion	55.	U	60.	U			
298-00-0 Methyl parathion	55.	U	60.	U			
298-02-2 Phorate	55.	UJ	60.	UJ			
3689-24-5 Sulfotep	55.	UJ	60.	UJ			
297-97-2 Thionazin	55.	UJ	60.	UJ			
126-68-1 O,O,O-Triethylphosphorothioate	55.	U	60.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-C-B002-01		038-S-B002-02		038-S-B003-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038CB00201		038SB00202		038SB00301	
	LAB SAMPLE ID --->	L5510-53		L5510-54		L5510-56		L5509-11		L5510-57		L5510-55	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038CB00201		038SB00202		038SB00301	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/22/95		10/22/95		10/22/95		10/22/95		10/22/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5509S	VAL	L5510S	VAL	L5510S	VAL
7429-90-5	Aluminum (Al)	5880.		16700.		7810.		10800.		12500.		11400.	
7440-36-0	Antimony (Sb)	11.4	UJ	12.5	UJ	10.9	UJ	11.2	U	12.3	UJ	11.9	UJ
7440-38-2	Arsenic (As)	19.8		11.9		21.5		14.		7.4		15.	
7440-39-3	Barium (Ba)	35.7	J	31.5	J	22.8	J	21.3	J	17.4	J	46.5	J
7440-41-7	Beryllium (Be)	0.22	U	0.29	J	0.21	U	0.22	U	0.24	U	0.5	J
7440-43-9	Cadmium (Cd)	1.1	U	1.2	U	1.1	U	1.1	U	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	133000.		2230.		10200.		7670.		3420.		24400.	
7440-47-3	Chromium (Cr)	18.2		24.6		12.		13.6		17.7		23.9	
7440-48-4	Cobalt (Co)	2.1	J	1.6	J	1.5	J	1.3	U	1.4	U	4.1	J
7440-50-8	Copper (Cu)	26.9	J	2.	J	10.1	J	11.3	J	4.1	J	37.6	J
7439-89-6	Iron (Fe)	7910.		29300.		8350.		9390.		10000.		13600.	
7439-92-1	Lead (Pb)	75.9		10.3		17.1		14.8		9.5		62.6	
7439-95-4	Magnesium (Mg)	1910.		697.	J	326.	J	367.	J	465.	J	1740.	
7439-96-5	Manganese (Mn)	130.		28.8		15.6		14.		10.7		254.	
7439-97-6	Mercury (Hg)	0.15	J	0.13	U	0.11	U	0.11	U	0.12	U	0.28	
7440-02-0	Nickel (Ni)	13.9		4.9	J	6.	J	5.4	J	3.4	U	10.3	
7440-09-7	Potassium (K)	403.	U	127.	U	204.	U	203.	J	493.	U	616.	U
7782-49-2	Selenium (Se)	0.75	J	0.76	U	0.79	J	0.68	U	1.2	J	1.	J
7440-22-4	Silver (Ag)	0.74	U	0.74	U	0.64	U	1.6	U	0.72	U	0.7	U
7440-23-5	Sodium (Na)	327.	J	204.	J	239.	J	235.	J	304.	J	316.	J
7440-28-0	Thallium (Tl)	0.91	U	1.	U	0.88	U	0.9	U	0.99	U	0.95	U
7440-62-2	Vanadium (V)	14.		44.4		22.9		24.2		35.5		26.	
7440-66-6	Zinc (Zn)	89.7		12.		17.1		15.5		6.7		127.	
7440-31-5	Tin (Sn)	8.2	U	9.1	U	7.9	U	8.1	U	8.9	U	8.6	U

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	038-S-B004-01		038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-C-B006-01	
	ORIGINAL ID ----->	038SB00401		038SB00402		038SB00501		038SB00502		038SB00601		038CB00601	
	LAB SAMPLE ID --->	L5510-51		L5510-52		L5510-49		L5510-50		L5510-47		L5509-10	
	ID FROM REPORT -->	038SB00401		038SB00402		038SB00501		038SB00502		038SB00601		038CB00601	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/22/95		10/22/95		10/22/95		10/22/95		10/22/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5509S	VAL
7429-90-5	Aluminum (Al)	16600.		15100.		13200.		21600.		8440.		8600.	
7440-36-0	Antimony (Sb)	16.	UJ	14.8	J	11.5	UJ	19.2	UJ	12.1	UJ	12.1	U
7440-38-2	Arsenic (As)	14.3		8.4		7.8		7.5		15.6		11.1	
7440-39-3	Barium (Ba)	25.6	J	17.8	J	31.5	J	26.8	J	42.6	J	48.4	
7440-41-7	Beryllium (Be)	0.31	U	0.25	U	0.23	U	0.44	J	0.24	U	0.24	U
7440-43-9	Cadmium (Cd)	1.6	U	1.3	U	1.1	U	1.9	U	1.5		1.2	U
7440-70-2	Calcium (Ca)	78500.		1290.		71600.		177000.		142000.		132000.	
7440-47-3	Chromium (Cr)	32.1		23.4		29.3		63.4		41.1		34.3	
7440-48-4	Cobalt (Co)	1.9	U	1.5	U	1.4	U	2.6	J	3.3	J	1.4	U
7440-50-8	Copper (Cu)	10.4	J	1.5	J	15.7	J	16.	J	114.	J	60.5	J
7439-89-6	Iron (Fe)	10500.		16400.		9750.		17400.		11800.		8230.	
7439-92-1	Lead (Pb)	145.		11.6		34.		6.7		354.		82.6	
7439-95-4	Magnesium (Mg)	2980.		779.	J	2470.		8180.		3350.		3170.	
7439-96-5	Manganese (Mn)	29.1		35.8		26.1		223.		116.		80.9	
7439-97-6	Mercury (Hg)	0.16	U	0.13	U	0.12	U	0.2	U	0.29		0.33	
7440-02-0	Nickel (Ni)	18.6		5.9	J	15.9		29.		25.2		18.	
7440-09-7	Potassium (K)	842.	U	173.	U	620.	U	1790.	J	738.	U	271.	J
7782-49-2	Selenium (Se)	2.2		0.8	J	1.4		4.5		1.6		1.8	
7440-22-4	Silver (Ag)	1.8	U	0.76	U	0.68	U	2.3	U	2.	U	0.71	U
7440-23-5	Sodium (Na)	681.	J	387.	J	815.	J	1630.	J	529.	J	502.	J
7440-28-0	Thallium (Tl)	1.3	U	1.	U	0.93	U	1.6	U	0.95	U	0.96	U
7440-62-2	Vanadium (V)	35.2		31.2		25.8		47.2		25.9		20.4	
7440-66-6	Zinc (Zn)	32.7		10.5		70.1		84.3		256.		185.	
7440-31-5	Tin (Sn)	11.6	U	9.4	U	8.3	U	14.	U	8.8	U	8.7	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

SAMPLE ID ------->	038-S-B006-02
ORIGINAL ID ----->	038SB00602
LAB SAMPLE ID --->	L5510-48
ID FROM REPORT -->	038SB00602
SAMPLE DATE ----->	10/03/95
DATE EXTRACTED -->	10/11/95
DATE ANALYZED --->	10/22/95
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	L5510S	VAL
7429-90-5	Aluminum (Al)	4470.	
7440-36-0	Antimony (Sb)	11.7	UJ
7440-38-2	Arsenic (As)	1.4	J
7440-39-3	Barium (Ba)	11.7	J
7440-41-7	Beryllium (Be)	0.23	U
7440-43-9	Cadmium (Cd)	1.1	U
7440-70-2	Calcium (Ca)	715.	J
7440-47-3	Chromium (Cr)	2.9	U
7440-48-4	Cobalt (Co)	1.4	U
7440-50-8	Copper (Cu)	0.78	J
7439-89-6	Iron (Fe)	1570.	
7439-92-1	Lead (Pb)	3.	
7439-95-4	Magnesium (Mg)	229.	J
7439-96-5	Manganese (Mn)	8.2	
7439-97-6	Mercury (Hg)	0.12	U
7440-02-0	Nickel (Ni)	4.8	J
7440-09-7	Potassium (K)	119.	U
7782-49-2	Selenium (Se)	0.7	U
7440-22-4	Silver (Ag)	0.69	U
7440-23-5	Sodium (Na)	176.	J
7440-28-0	Thallium (Tl)	0.93	U
7440-62-2	Vanadium (V)	1.5	J
7440-66-6	Zinc (Zn)	5.2	
7440-31-5	Tin (Sn)	8.5	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-S-B002-02		038-S-B003-01		038-S-B004-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	LAB SAMPLE ID --->	L5510-30		L5510-31		L5510-33		L5510-34		L5510-32		L5510-28	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/19/95		10/19/95		10/23/95		10/23/95		10/19/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
319-85-7	beta-BHC	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
319-86-8	delta-BHC	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
76-44-8	Heptachlor	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
309-00-2	Aldrin	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	1.9	U	2.	U	2.	U	5.3	
959-98-8	Endosulfan I	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.7	U
72-55-9	4,4'-DDE	37000.	DJ	140.	DJ	8.2		4.	U	450.	D	5.3	U
50-29-3	4,4'-DDT	1000000.	DJ	11000.	DJ	30.	U	9.4	UJ	7800.	DJ	20.	U
60-57-1	Dieldrin	3.6	U	4.	U	3.6	U	4.	U	4.	U	5.3	U
72-20-8	Endrin	3.6	U	4.	U	3.6	U	4.	U	4.	U	5.3	U
33213-65-9	Endosulfan II	3.6	U	4.	U	3.6	U	4.	U	4.	U	5.3	U
72-54-8	4,4'-DDD	450000.	DJ	1800.	DJ	1.6	J	1.8	J	3300.	D	5.3	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	3.6	U	4.	U	4.	U	5.3	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	3.6	U	4.	U	4.	U	5.3	U
72-43-5	Methoxychlor	19.	U	20.	U	19.	U	20.	U	20.	U	27.	U
8001-35-2	Toxaphene	190.	U	200.	U	190.	U	200.	U	200.	U	270.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	14.	U	16.	U	16.	U	21.	U
57-74-9	Chlordane	44.	U	48.	U	44.	U	48.	U	48.	U	64.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST

SAMPLE ID ------->	038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-S-B006-02		038-S-B007-01	
ORIGINAL ID ----->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602		038SB00701	
LAB SAMPLE ID --->	L5510-29		L5510-26		L5510-27		L5510-24		L5510-25		25061.01	
ID FROM REPORT -->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602		038SB00701	
SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		03/26/96	
DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		03/28/96	
DATE ANALYZED --->	10/19/95		10/18/95		10/18/95		10/18/95		10/18/95		04/08/96	
MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS # Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	25061	VAL
319-84-6 alpha-BHC	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
319-85-7 beta-BHC	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
58-89-9 gamma-BHC (Lindane)	2.	U	2.	U	3.2	U	0.51	J	1.9	U	1.6	U
319-86-8 delta-BHC	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
76-44-8 Heptachlor	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
309-00-2 Aldrin	2.	U	2.	U	3.2	U	0.73	J	1.9	U	1.6	U
1024-57-3 Heptachlor epoxide	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
5103-74-2 gamma-Chlordane	2.	U	2.	U	3.2	U	10.		1.9	U	6.8	J
959-98-8 Endosulfan I	2.	U	2.	U	3.2	U	2.	U	1.9	U	1.6	U
5103-71-9 alpha-Chlordane	2.	U	2.	U	3.2	U	8.4		1.9	U	2.1	J
72-55-9 4,4'-DDE	4.	U	4.	U	6.3	U	170.	D	3.6	U	170.	DJ
50-29-3 4,4'-DDT	4.	U	4.	U	6.3	U	370.	D	8.7	U	77.	DJ
60-57-1 Dieldrin	4.	U	4.	U	6.3	U	4.	U	3.6	U	9.6	J
72-20-8 Endrin	4.	U	4.	U	6.3	U	4.	U	3.6	U	14.	
33213-65-9 Endosulfan II	4.	U	4.	U	6.3	U	4.	U	3.6	U	6.3	J
72-54-8 4,4'-DDD	4.	U	4.	U	6.3	U	59.		3.6	U	50.	DJ
7421-93-4 Endrin aldehyde	4.	U	4.	U	6.3	U	4.	U	3.6	U	6.6	J
1031-07-8 Endosulfan sulfate	4.	U	4.	U	6.3	U	4.	U	3.6	U	3.	U
72-43-5 Methoxychlor	20.	U	20.	U	32.	U	20.	U	19.	U	16.	U
8001-35-2 Toxaphene	200.	U	200.	U	320.	U	200.	U	190.	U	100.	U
12674-11-2 Aroclor-1016	16.	U	16.	U	25.	U	16.	U	14.	U	40.	U
11104-28-2 Aroclor-1221	16.	U	16.	U	25.	U	16.	U	14.	U	40.	U
11141-16-5 Aroclor-1232	16.	U	16.	U	25.	U	16.	U	14.	U	40.	U
53469-21-9 Aroclor-1242	16.	U	16.	U	25.	U	16.	U	14.	U	40.	U
12672-29-6 Aroclor-1248	16.	U	16.	U	25.	U	16.	U	14.	U	40.	U
11097-69-1 Aroclor-1254	16.	U	16.	U	25.	U	16.	U	14.	U	81.	U
11096-82-5 Aroclor-1260	16.	U	16.	U	25.	U	500.		14.	U	410.	J
57-74-9 Chlordane	48.	U	48.	U	76.	U	48.	U	44.	U	120.	U
53494-70-5 Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	038-S-B007-02		038-S-B008-01		038-S-B008-02		038-S-B009-01		038-S-B009-02		038-C-B010-01	
	ORIGINAL ID ----->	038SB00702		038SB00801		038SB00802		038SB00901		038SB00902		038CB01001	
	LAB SAMPLE ID --->	25061.02		25061.03		25061.04		25061.05		25061.06		25062.01	
	ID FROM REPORT -->	038SB00702		038SB00801		038SB00802		038SB00901		038SB00902		038CB01001	
	SAMPLE DATE ----->	03/26/96		03/26/96		03/26/96		03/26/96		03/26/96		03/26/96	
	DATE EXTRACTED -->	03/28/96		03/28/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96		04/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25061	VAL	25061	VAL	25061	VAL	25061	VAL	25061	VAL	25061	VAL
319-84-6	alpha-BHC	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
319-85-7	beta-BHC	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
319-86-8	delta-BHC	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
76-44-8	Heptachlor	1.6	U	1.4	U	1.5	U	1.8	U	1.7	J	2.6	
309-00-2	Aldrin	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
1024-57-3	Heptachlor epoxide	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
5103-74-2	gamma-Chlordane	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	3.	J
959-98-8	Endosulfan I	1.6	U	1.4	U	1.5	U	1.8	U	1.6	U	1.5	U
5103-71-9	alpha-Chlordane	1.6	U	1.4	U	1.5	U	1.9	J	1.6	U	1.5	U
72-55-9	4,4'-DDE	3.	U	6.8	J	2.9	U	3.4	U	3.2	U	39.	DJ
50-29-3	4,4'-DDT	5.2	J	21.	J	2.9	U	3.4	U	3.2	U	450.	D
60-57-1	Dieldrin	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	2.8	U
72-20-8	Endrin	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	2.8	U
33213-65-9	Endosulfan II	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	2.8	U
72-54-8	4,4'-DDD	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	63.	DJ
7421-93-4	Endrin aldehyde	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	2.8	U
1031-07-8	Endosulfan sulfate	3.	U	2.7	U	2.9	U	3.4	U	3.2	U	2.8	U
72-43-5	Methoxychlor	16.	U	14.	U	15.	U	18.	U	16.	U	15.	U
8001-35-2	Toxaphene	100.	U	91.	U	98.	U	110.	U	100.	U	93.	U
12674-11-2	Aroclor-1016	40.	U	36.	U	39.	U	44.	U	42.	U	37.	U
11104-28-2	Aroclor-1221	40.	U	36.	U	39.	U	44.	U	42.	U	37.	U
11141-16-5	Aroclor-1232	40.	U	36.	U	39.	U	44.	U	42.	U	37.	U
53469-21-9	Aroclor-1242	40.	U	36.	U	39.	U	44.	U	42.	U	37.	U
12672-29-6	Aroclor-1248	40.	U	36.	U	39.	U	44.	U	42.	U	37.	U
11097-69-1	Aroclor-1254	82.	U	74.	U	79.	U	90.	U	85.	U	75.	U
11096-82-5	Aroclor-1260	82.	U	74.	U	79.	U	90.	U	85.	U	75.	U
57-74-9	Chlordane	120.	U	108.	U	117.	U	132.	U	126.	U	111.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST													
	SAMPLE ID ------->	038-S-B010-01		038-S-B010-02		038-S-B011-01		038-S-B012-01		038-S-B013-01		038-S-B014-01	
	ORIGINAL ID ----->	038SB01001		038SB01002		038SB01101		038SB01201		038SB01301		038SB01401	
	LAB SAMPLE ID --->	25061.07		25061.08		L7263-13		L7263-14		L7263-15		L7263-16	
	ID FROM REPORT -->	038SB01001		038SB01002		038SB01101		038SB01201		038SB01301		038SB01401	
	SAMPLE DATE ----->	03/26/96		03/26/96		06/18/96		06/18/96		06/18/96		06/18/96	
	DATE EXTRACTED -->	03/28/96		03/28/96		06/25/96		06/25/96		06/25/96		06/25/96	
	DATE ANALYZED --->	04/05/96		04/05/96		07/03/96		07/03/96		07/03/96		07/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25061	VAL	25061	VAL	L7263	VAL	L7263	VAL	L7263	VAL	L7263	VAL
319-84-6	alpha-BHC	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
319-85-7	beta-BHC	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
319-86-8	delta-BHC	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
76-44-8	Heptachlor	1.6	J	1.6	J	1.9	U	1.9	U	2.2	U	1.9	U
309-00-2	Aldrin	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
1024-57-3	Heptachlor epoxide	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
5103-74-2	gamma-Chlordane	2.9	J	1.5	U	1.9	U	37.		2.2	U	8.9	D
959-98-8	Endosulfan I	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
5103-71-9	alpha-Chlordane	1.5	U	1.5	U	1.9	U	1.9	U	2.2	U	1.9	U
72-55-9	4,4'-DDE	57.	DJ	8.2	J	530.	D	170.	D	12.		580.	D
50-29-3	4,4'-DDT	460.	J	89.	DJ	1400.	D	800.	D	54.		1700.	D
60-57-1	Dieldrin	2.8	U	2.9	U	3.6	U	3.7	U	4.2	U	3.7	U
72-20-8	Endrin	2.8	U	2.9	U	3.6	U	3.7	U	4.2	U	3.7	U
33213-65-9	Endosulfan II	2.8	U	2.9	U	3.6	U	3.7	U	4.2	U	3.7	U
72-54-8	4,4'-DDD	44.	DJ	12.	J	210.	D	190.	JD	4.2	U	290.	D
7421-93-4	Endrin aldehyde	2.8	U	2.9	U	3.6	U	3.7	U	4.2	U	3.7	U
1031-07-8	Endosulfan sulfate	2.8	U	2.9	U	3.6	U	3.7	U	4.2	U	3.7	U
72-43-5	Methoxychlor	15.	U	15.	U	19.	U	19.	U	22.	U	19.	U
8001-35-2	Toxaphene	93.	U	96.	U	190.	U	190.	U	220.	U	190.	U
12674-11-2	Aroclor-1016	37.	U	38.	U	14.	U	15.	U	17.	U	15.	U
11104-28-2	Aroclor-1221	37.	U	38.	U	14.	U	15.	U	17.	U	15.	U
11141-16-5	Aroclor-1232	37.	U	38.	U	14.	U	15.	U	17.	U	15.	U
53469-21-9	Aroclor-1242	37.	U	38.	U	14.	U	15.	U	17.	U	15.	U
12672-29-6	Aroclor-1248	37.	U	38.	U	14.	U	15.	U	17.	U	15.	U
11097-69-1	Aroclor-1254	75.	U	78.	U	14.	U	15.	U	17.	U	15.	U
11096-82-5	Aroclor-1260	75.	U	78.	U	720.		1300.		18.		79.	D
57-74-9	Chlordane	111.	U	114.	U	44.	U	45.	U	51.	U	45.	U
53494-70-5	Endrin ketone	NR		NR		44.	U	NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA															
	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-S-B002-02		038-S-B003-01		038-S-B004-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	LAB SAMPLE ID --->	L5510-30		L5510-31		L5510-33		L5510-34		L5510-32		L5510-28	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/14/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/22/95		10/21/95		10/21/95		10/19/95		10/22/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
108-95-2	Phenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
95-57-8	2-Chlorophenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
541-73-1	1,3-Dichlorobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
106-46-7	1,4-Dichlorobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
100-51-6	Benzyl alcohol	1500.	U	1300.	U	1400.	U	1600.	U	1500.	U	2000.	U
95-50-1	1,2-Dichlorobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
621-64-7	N-Nitroso-di-n-propylamine	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
67-72-1	Hexachloroethane	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
98-95-3	Nitrobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
78-59-1	Isophorone	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
88-75-5	2-Nitrophenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
105-67-9	2,4-Dimethylphenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
65-85-0	Benzoic acid	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
120-83-2	2,4-Dichlorophenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
91-20-3	Naphthalene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
106-47-8	4-Chloroaniline	1500.	U	1300.	U	1400.	U	1600.	U	1500.	U	2000.	U
87-68-3	Hexachlorobutadiene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1300.	U	1400.	U	1600.	U	1500.	U	2000.	U
91-57-6	2-Methylnaphthalene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
95-95-4	2,4,5-Trichlorophenol	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
91-58-7	2-Chloronaphthalene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
88-74-4	2-Nitroaniline	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
131-11-3	Dimethyl phthalate	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
208-96-8	Acenaphthylene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
606-20-2	2,6-Dinitrotoluene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
99-09-2	3-Nitroaniline	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
83-32-9	Acenaphthene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
51-28-5	2,4-Dinitrophenol	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
100-02-7	4-Nitrophenol	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

UB46-SVOA													
	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-S-B002-02		038-S-B003-01		038-S-B004-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	LAB SAMPLE ID --->	L5510-30		L5510-31		L5510-33		L5510-34		L5510-32		L5510-28	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/14/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/22/95		10/21/95		10/21/95		10/19/95		10/22/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
132-64-9	Dibenzofuran	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
121-14-2	2,4-Dinitrotoluene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
84-66-2	Diethylphthalate	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
86-73-7	Fluorene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
100-01-6	4-Nitroaniline	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
118-74-1	Hexachlorobenzene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
87-86-5	Pentachlorophenol	3700.	U	3300.	U	3600.	U	4000.	U	3900.	U	5100.	U
85-01-8	Phenanthrene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
120-12-7	Anthracene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
86-74-8	Carbazole	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
84-74-2	Di-n-butylphthalate	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
206-44-0	Fluoranthene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
129-00-0	Pyrene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
85-68-7	Butylbenzylphthalate	2300.		660.	U	720.	U	800.	U	790.	U	1000.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1300.	U	1400.	U	1600.	U	1500.	U	2000.	U
56-55-3	Benzo(a)anthracene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
218-01-9	Chrysene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
117-84-0	Di-n-octyl phthalate	410.	J	660.	U	720.	U	800.	U	790.	U	1000.	U
205-99-2	Benzo(b)fluoranthene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
207-08-9	Benzo(k)fluoranthene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
50-32-8	Benzo(a)pyrene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
53-70-3	Dibenz(a,h)anthracene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	660.	U	720.	U	800.	U	790.	U	1000.	U
106-44-5	4-Methylphenol (p-Cresol)	750.	U	750.	U	720.	U	800.	U	790.	U	1000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-SVOA

	SAMPLE ID ------->	038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-S-B006-02	
	ORIGINAL ID ----->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	LAB SAMPLE ID --->	L5510-29		L5510-26		L5510-27		L5510-24		L5510-25	
	ID FROM REPORT -->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/22/95		10/22/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
108-95-2	Phenol	840.	U	770.	U	1300.	U	780.	U	760.	U
111-44-4	bis(2-Chloroethyl)ether	840.	U	770.	U	1300.	U	780.	U	760.	U
95-57-8	2-Chlorophenol	840.	U	770.	U	1300.	U	780.	U	760.	U
541-73-1	1,3-Dichlorobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
106-46-7	1,4-Dichlorobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
100-51-6	Benzyl alcohol	1700.	U	1500.	U	2500.	U	1500.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
95-48-7	2-Methylphenol (o-Cresol)	840.	U	770.	U	1300.	U	780.	U	760.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	840.	U	770.	U	1300.	U	780.	U	760.	U
621-64-7	N-Nitroso-di-n-propylamine	840.	U	770.	U	1300.	U	780.	U	760.	U
67-72-1	Hexachloroethane	840.	U	770.	U	1300.	U	780.	U	760.	U
98-95-3	Nitrobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
78-59-1	Isophorone	840.	U	770.	U	1300.	U	780.	U	760.	U
88-75-5	2-Nitrophenol	840.	U	770.	U	1300.	U	780.	U	760.	U
105-67-9	2,4-Dimethylphenol	840.	U	770.	U	1300.	U	780.	U	760.	U
65-85-0	Benzoic acid	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
111-91-1	bis(2-Chloroethoxy)methane	840.	U	770.	U	1300.	U	780.	U	760.	U
120-83-2	2,4-Dichlorophenol	840.	U	770.	U	1300.	U	780.	U	760.	U
120-82-1	1,2,4-Trichlorobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
91-20-3	Naphthalene	840.	U	770.	U	1300.	U	780.	U	760.	U
106-47-8	4-Chloroaniline	1700.	U	1500.	U	2500.	U	1500.	U	1500.	U
87-68-3	Hexachlorobutadiene	840.	U	770.	U	1300.	U	780.	U	760.	U
59-50-7	4-Chloro-3-methylphenol	1700.	U	1500.	U	2500.	U	1500.	U	1500.	U
91-57-6	2-Methylnaphthalene	840.	U	770.	U	1300.	U	780.	U	760.	U
77-47-4	Hexachlorocyclopentadiene	840.	U	770.	U	1300.	U	780.	U	760.	U
88-06-2	2,4,6-Trichlorophenol	840.	U	770.	U	1300.	U	780.	U	760.	U
95-95-4	2,4,5-Trichlorophenol	840.	U	770.	U	1300.	U	780.	U	760.	U
91-58-7	2-Chloronaphthalene	840.	U	770.	U	1300.	U	780.	U	760.	U
88-74-4	2-Nitroaniline	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
131-11-3	Dimethyl phthalate	840.	U	770.	U	1300.	U	780.	U	760.	U
208-96-8	Acenaphthylene	840.	U	770.	U	1300.	U	780.	U	760.	U
606-20-2	2,6-Dinitrotoluene	840.	U	770.	U	1300.	U	780.	U	760.	U
99-09-2	3-Nitroaniline	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
83-32-9	Acenaphthene	840.	U	770.	U	1300.	U	780.	U	760.	U
51-28-5	2,4-Dinitrophenol	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
100-02-7	4-Nitrophenol	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA											
	SAMPLE ID ------->	038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-S-B006-02	
	ORIGINAL ID ----->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	LAB SAMPLE ID --->	L5510-29		L5510-26		L5510-27		L5510-24		L5510-25	
	ID FROM REPORT -->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/22/95		10/22/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
132-64-9	Dibenzofuran	840.	U	770.	U	1300.	U	780.	U	760.	U
121-14-2	2,4-Dinitrotoluene	840.	U	770.	U	1300.	U	780.	U	760.	U
84-66-2	Diethylphthalate	840.	U	770.	U	1300.	U	780.	U	760.	U
7005-72-3	4-Chlorophenylphenylether	840.	U	770.	U	1300.	U	780.	U	760.	U
86-73-7	Fluorene	840.	U	770.	U	1300.	U	780.	U	760.	U
100-01-6	4-Nitroaniline	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
86-30-6	N-Nitrosodiphenylamine	840.	U	770.	U	1300.	U	780.	U	760.	U
101-55-3	4-Bromophenyl-phenylether	840.	U	770.	U	1300.	U	780.	U	760.	U
118-74-1	Hexachlorobenzene	840.	U	770.	U	1300.	U	780.	U	760.	U
87-86-5	Pentachlorophenol	4200.	U	3800.	U	6400.	U	3900.	U	3800.	U
85-01-8	Phenanthrene	840.	U	770.	U	1300.	U	780.	U	760.	U
120-12-7	Anthracene	840.	U	770.	U	1300.	U	780.	U	760.	U
86-74-8	Carbazole	840.	U	770.	U	1300.	U	780.	U	760.	U
84-74-2	Di-n-butylphthalate	840.	U	770.	U	1300.	U	780.	U	760.	U
206-44-0	Fluoranthene	840.	U	770.	U	1300.	U	780.	U	760.	U
129-00-0	Pyrene	840.	U	770.	U	1300.	U	780.	U	760.	U
85-68-7	Butylbenzylphthalate	840.	U	770.	U	1300.	U	780.	U	760.	U
91-94-1	3,3'-Dichlorobenzidine	1700.	U	1500.	U	2500.	U	1500.	U	1500.	U
56-55-3	Benzo(a)anthracene	840.	U	770.	U	1300.	U	780.	U	760.	U
218-01-9	Chrysene	840.	U	770.	U	1300.	U	150.	J	760.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	840.	U	770.	U	1300.	U	210.	J	760.	U
117-84-0	Di-n-octyl phthalate	840.	U	770.	U	1300.	U	780.	U	760.	U
205-99-2	Benzo(b)fluoranthene	840.	U	770.	U	1300.	U	780.	U	760.	U
207-08-9	Benzo(k)fluoranthene	840.	U	770.	U	1300.	U	780.	U	760.	U
50-32-8	Benzo(a)pyrene	840.	U	770.	U	1300.	U	780.	U	760.	U
193-39-5	Indeno(1,2,3-cd)pyrene	840.	U	770.	U	1300.	U	780.	U	760.	U
53-70-3	Dibenz(a,h)anthracene	840.	U	770.	U	1300.	U	780.	U	760.	U
191-24-2	Benzo(g,h,i)perylene	840.	U	770.	U	1300.	U	780.	U	760.	U
106-44-5	4-Methylphenol (p-Cresol)	840.	U	770.	U	1300.	U	780.	U	760.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-S-B002-02		038-S-B003-01		038-S-B004-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	LAB SAMPLE ID --->	L5510-7		L5510-8		L5510-10		L5510-11		L5510-9		L5510-5	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/15/95		10/15/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
74-87-3	Chloromethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-01-4	Vinyl chloride	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
74-83-9	Bromomethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-00-3	Chloroethane	5.7	U	6.	U	5.4	UR	5.8	UR	5.9	U	7.9	U
75-69-4	Trichlorofluoromethane	5.7	UJ	6.	U	5.4	UJ	5.8	UJ	5.9	UJ	7.9	UJ
67-64-1	Acetone	11.	U	64.		52.		24.		61.		16.	U
75-35-4	1,1-Dichloroethene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-15-0	Carbon disulfide	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-09-2	Methylene chloride	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
156-60-5	trans-1,2-Dichloroethene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
108-05-4	Vinyl acetate	11.	U	12.	U	11.	UJ	12.	UJ	12.	U	16.	U
75-34-3	1,1-Dichloroethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	12.	U	9.6	J	16.	U
156-59-2	cis-1,2-Dichloroethene	5.7	U	6.	U	5.4	U	21.		5.9	U	7.9	U
67-66-3	Chloroform	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
71-55-6	1,1,1-Trichloroethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
56-23-5	Carbon tetrachloride	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
107-06-2	1,2-Dichloroethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
71-43-2	Benzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
79-01-6	Trichloroethene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
78-87-5	1,2-Dichloropropane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-27-4	Bromodichloromethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
110-75-8	2-Chloroethyl vinyl ether	23.	U	24.	U	21.	U	23.	U	24.	U	31.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	U	12.	U	12.	U	16.	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
108-88-3	Toluene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
591-78-6	2-Hexanone	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
79-00-5	1,1,2-Trichloroethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
127-18-4	Tetrachloroethene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
124-48-1	Dibromochloromethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
108-90-7	Chlorobenzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
100-41-4	Ethylbenzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
100-42-5	Styrene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
75-25-2	Bromoform	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA													
	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-S-B002-01		038-S-B002-02		038-S-B003-01		038-S-B004-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	LAB SAMPLE ID --->	L5510-7		L5510-8		L5510-10		L5510-11		L5510-9		L5510-5	
	ID FROM REPORT -->	038SB00101		038SB00102		038SB00201		038SB00202		038SB00301		038SB00401	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/15/95		10/15/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
541-73-1	1,3-Dichlorobenzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
106-46-7	1,4-Dichlorobenzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
95-50-1	1,2-Dichlorobenzene	5.7	U	6.	U	5.4	U	5.8	U	5.9	U	7.9	U
99900-05-0	m+p Xylene	5.7	U	1.5	J	5.4	U	5.8	U	5.9	U	7.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-S-B006-02	
	ORIGINAL ID ----->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	LAB SAMPLE ID --->	L5510-6		L5510-3		L5510-4		L5510-1		L5510-2	
	ID FROM REPORT -->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/16/95		10/15/95		10/15/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
74-87-3	Chloromethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
75-01-4	Vinyl chloride	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
74-83-9	Bromomethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
75-00-3	Chloroethane	6.3	U	5.8	UJ	9.6	U	5.7	UR	5.8	U
75-69-4	Trichlorofluoromethane	6.3	UJ	5.8	UJ	9.6	UJ	5.7	UJ	5.8	UJ
67-64-1	Acetone	20.		41.	J	200.		11.	U	15.	
75-35-4	1,1-Dichloroethene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
75-15-0	Carbon disulfide	6.3	U	5.8	UJ	5.	J	5.7	U	5.8	U
75-09-2	Methylene chloride	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
156-60-5	trans-1,2-Dichloroethene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
108-05-4	Vinyl acetate	13.	U	12.	UJ	19.	UJ	11.	UJ	12.	UJ
75-34-3	1,1-Dichloroethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
78-93-3	2-Butanone (MEK)	13.	U	12.	UJ	32.		11.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
67-66-3	Chloroform	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
71-55-6	1,1,1-Trichloroethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
56-23-5	Carbon tetrachloride	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
107-06-2	1,2-Dichloroethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
71-43-2	Benzene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
79-01-6	Trichloroethene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
78-87-5	1,2-Dichloropropane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
75-27-4	Bromodichloromethane	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
110-75-8	2-Chloroethyl vinyl ether	25.	U	23.	UJ	38.	U	23.	U	23.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	UJ	19.	U	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
108-88-3	Toluene	6.3	U	4.2	J	9.6	U	5.7	U	5.8	U
10061-02-6	trans-1,3-Dichloropropene	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
591-78-6	2-Hexanone	6.3	U	5.8	UJ	9.6	U	5.7	U	5.8	U
79-00-5	1,1,2-Trichloroethane	6.3	U	5.8	UJ	9.6	U	5.7	UJ	5.8	U
127-18-4	Tetrachloroethene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
124-48-1	Dibromochloromethane	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
108-90-7	Chlorobenzene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
100-41-4	Ethylbenzene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR	
95-47-6	o-Xylene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
100-42-5	Styrene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
75-25-2	Bromoform	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA											
	SAMPLE ID ------->	038-S-B004-02		038-S-B005-01		038-S-B005-02		038-S-B006-01		038-S-B006-02	
	ORIGINAL ID ----->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	LAB SAMPLE ID --->	L5510-6		L5510-3		L5510-4		L5510-1		L5510-2	
	ID FROM REPORT -->	038SB00402		038SB00501		038SB00502		038SB00601		038SB00602	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/16/95		10/15/95		10/15/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
541-73-1	1,3-Dichlorobenzene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
106-46-7	1,4-Dichlorobenzene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
95-50-1	1,2-Dichlorobenzene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
99900-05-0	m+p Xylene	6.3	U	5.8	UJ	9.6	UJ	5.7	UJ	5.8	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH													
	SAMPLE ID ------->	038-S-B001-01		038-S-B001-02		038-C-B002-01		038-S-B002-01		038-S-B002-02		038-S-B003-01	
	ORIGINAL ID ----->	038SB00101		038SB00102		038CB00201		038SB00201		038SB00202		038SB00301	
	LAB SAMPLE ID --->	L5510-30		L5510-31		L5509-6		L5510-33		L5510-34		L5510-32	
	ID FROM REPORT -->	038SB00101		038SB00102		038CB00201		038SB00201		038SB00202		038SB00301	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/13/95		10/13/95		10/11/95		10/13/95		10/13/95		10/13/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/13/95		10/23/95		10/23/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5509	VAL	L5510	VAL	L5510	VAL	L5510	VAL
999900-02-6	TPH - Diesel Range Organics	2400.	J	39.	U	33.	U	33.	U	36.	U	36.	U
999900-02-5	TPH - Gasoline Range Organics	660.	U	39.	U	33.	U	33.	U	36.	U	36.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH													
	SAMPLE ID ------->	038-S-B004-01		038-S-B004-02		038-S-B005-01		038-S-B005-02		038-C-B006-01		038-S-B006-01	
	ORIGINAL ID ----->	038SB00401		038SB00402		038SB00501		038SB00502		038CB00601		038SB00601	
	LAB SAMPLE ID --->	L5510-28		L5510-29		L5510-26		L5510-27		L5509-5		L5510-24	
	ID FROM REPORT -->	038SB00401		038SB00402		038SB00501		038SB00502		038CB00601		038SB00601	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/13/95		10/13/95		10/13/95		10/13/95		10/11/95		10/13/95	
	DATE ANALYZED --->	10/23/95		10/23/95		10/23/95		10/23/95		10/13/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5509	VAL	L5510	VAL
99900-02-6	TPH - Diesel Range Organics	39.	U	30.	U	33.	U	60.	U	36.	U	36.	U
99900-02-5	TPH - Gasoline Range Organics	39.	U	30.	U	33.	U	60.	U	36.	U	36.	U

*** Validatic Complete ***

TPH

SAMPLE ID ------->	038-S-B006-02
ORIGINAL ID ----->	038SB00602
LAB SAMPLE ID --->	L5510-25
ID FROM REPORT -->	038SB00602
SAMPLE DATE ----->	10/03/95
DATE EXTRACTED -->	10/13/95
DATE ANALYZED --->	10/23/95
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	L5510	VAL
99900-02-6	TPH - Diesel Range Organics	33.	U
99900-02-5	TPH - Gasoline Range Organics	33.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

SAMPLE ID -------->	038-G-W01D-01
ORIGINAL ID ----->	038GW01D01
LAB SAMPLE ID --->	L5997-66
ID FROM REPORT -->	038GW01D01
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	12/19/95
MATRIX ---------->	Water
UNITS ---------->	MG/L

CAS #	Parameter	L5997	VAL
16887-00-6	Chloride	150.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE

SAMPLE ID ------->	038-G-W01D-01
ORIGINAL ID ----->	038GW01D01
LAB SAMPLE ID --->	L5997-66
ID FROM REPORT -->	038GW01D01
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/18/95
DATE ANALYZED --->	12/18/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L5997	VAL
14808-79-8	Sulfate	15.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META										
	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01				
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01				
	LAB SAMPLE ID --->	L5997-58		L5997-60		L5997-59				
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01				
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95				
	DATE EXTRACTED -->	12/13/95		12/13/95		12/13/95				
	DATE ANALYZED --->	12/15/95		12/15/95		12/15/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL			
7429-90-5	Aluminum (Al)	1810.		557.		57.	J			
7440-36-0	Antimony (Sb)	51.	U	51.	U	51.	U			
7440-38-2	Arsenic (As)	6.	J	4.	U	4.	U			
7440-39-3	Barium (Ba)	40.9	J	21.	J	22.3	J			
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U			
7440-43-9	Cadmium (Cd)	5.	U	5.	U	5.	U			
7440-70-2	Calcium (Ca)	112000.		61500.		101000.				
7440-47-3	Chromium (Cr)	5.6	J	4.2	J	4.	U			
7440-48-4	Cobalt (Co)	6.	U	6.	U	6.	U			
7440-50-8	Copper (Cu)	8.8	J	8.5	J	3.	U			
7439-89-6	Iron (Fe)	16100.	J	1840.	J	2710.	J			
7439-92-1	Lead (Pb)	3.	U	3.	U	3.	U			
7439-95-4	Magnesium (Mg)	8050.		5130.		11700.				
7439-96-5	Manganese (Mn)	168.		172.		666.				
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U			
7440-02-0	Nickel (Ni)	14.	U	14.	U	14.	U			
7440-09-7	Potassium (K)	1490.	J	1340.	J	3560.	J			
7782-49-2	Selenium (Se)	3.	U	3.	U	3.	U			
7440-22-4	Silver (Ag)	3.	U	3.	U	3.	U			
7440-23-5	Sodium (Na)	54800.	J	43400.	J	131000.	J			
7440-28-0	Thallium (Tl)	4.	UJ	4.	J	4.	UJ			
7440-62-2	Vanadium (V)	4.	U	4.	U	4.	U			
7440-66-6	Zinc (Zn)	67.4		64.3		3.8	J			
7440-31-5	Tin (Sn)	NR		NR		NR				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST										
	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01				
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01				
	LAB SAMPLE ID --->	L5997-42		L5997-46		L5997-44				
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01				
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95				
	DATE EXTRACTED -->	12/11/95		12/11/95		12/11/95				
	DATE ANALYZED --->	12/15/95		12/15/95		12/15/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL			
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U			
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U			
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U			
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U			
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U			
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U			
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U			
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U			
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U			
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U			
72-55-9	4,4'-DDE	0.045	J	0.1	U	0.1	U			
50-29-3	4,4'-DDT	1.5	J	0.1	U	0.1	U			
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U			
72-20-8	Endrin	0.1	U	0.1	U	0.1	U			
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U			
72-54-8	4,4'-DDD	3.8	D	0.1	U	0.1	U			
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U			
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U			
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U			
8001-35-2	Toxaphene	5.	U	5.	U	5.	U			
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U			
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U			
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U			
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U			
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U			
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U			
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U			
57-74-9	Chlordane	1.	U	1.	U	1.	U			
53494-70-5	Endrin ketone	NR		NR		NR				

*** Validati[illegible] Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA										
	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01				
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01				
	LAB SAMPLE ID --->	L5997-30		L5997-34		L5997-32				
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01				
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95				
	DATE EXTRACTED -->	12/14/95		12/14/95		12/14/95				
	DATE ANALYZED --->	12/21/95		12/21/95		12/21/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL			
108-95-2	Phenol	10.	U	10.	U	10.	U			
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U			
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U			
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U			
100-51-6	Benzyl alcohol	20.	U	20.	U	20.	U			
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U			
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U			
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	10.	U	10.	U			
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U			
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U			
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U			
78-59-1	Isophorone	10.	U	10.	U	10.	U			
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U			
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U			
65-85-0	Benzoic acid	50.	UJ	50.	UJ	51.	UJ			
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U			
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U			
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U			
91-20-3	Naphthalene	10.	U	10.	U	10.	U			
106-47-8	4-Chloroaniline	20.	U	20.	U	20.	U			
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U			
59-50-7	4-Chloro-3-methylphenol	20.	U	20.	U	20.	U			
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U			
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U			
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U			
95-95-4	2,4,5-Trichlorophenol	10.	U	10.	U	10.	U			
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U			
88-74-4	2-Nitroaniline	50.	U	50.	U	51.	U			
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U			
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U			
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U			
99-09-2	3-Nitroaniline	50.	U	50.	U	51.	U			
83-32-9	Acenaphthene	10.	U	10.	U	10.	U			
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	51.	U			
100-02-7	4-Nitrophenol	50.	U	50.	U	51.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01		
ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01		
LAB SAMPLE ID --->	L5997-30		L5997-34		L5997-32		
ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01		
SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95		
DATE EXTRACTED -->	12/14/95		12/14/95		12/14/95		
DATE ANALYZED --->	12/21/95		12/21/95		12/21/95		
MATRIX ---------->	Water		Water		Water		
UNITS ---------->	UG/L		UG/L		UG/L		

CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	20.	UJ	20.	UJ	20.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	51.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	51.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U
86-74-8	Carbazole	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01					
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01					
	LAB SAMPLE ID --->	L5997-1		L5997-7		L5997-4					
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01					
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95					
	DATE ANALYZED --->	12/15/95		12/15/95		12/15/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL				
74-87-3	Chloromethane	5.	U	5.	U	5.	U				
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U				
74-83-9	Bromomethane	5.	U	5.	U	5.	U				
75-00-3	Chloroethane	5.	U	5.	U	5.	U				
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U				
67-64-1	Acetone	10.	U	10.	U	10.	U				
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U				
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U				
75-09-2	Methylene chloride	5.	U	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U				
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U	7.9	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U	5.	U				
79-01-6	Trichloroethene	5.	U	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U				
108-88-3	Toluene	5.	U	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U				
591-78-6	2-Hexanone	10.	U	10.	U	10.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U				
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U				
1330-20-7	Xylene (Total)	NR		NR		NR					
95-47-6	o-Xylene	5.	U	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U	5.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA										
	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01				
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01				
	LAB SAMPLE ID --->	L5997-1		L5997-7		L5997-4				
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01				
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95				
	DATE ANALYZED --->	12/15/95		12/15/95		12/15/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL			
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U			
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U			
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U			
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U			
99900-05-0	m+p Xylene	5.	U	5.	U	5.	U			
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR				

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

SAMPLE ID ------->	038-G-W01D-01
ORIGINAL ID ----->	038GW01D01
LAB SAMPLE ID --->	L5997-66
ID FROM REPORT -->	038GW01D01
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/13/95
DATE ANALYZED --->	12/13/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L5997	VAL
999900-07-2	Total Dissolved Solids (TDS)	640.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH

	SAMPLE ID ------->	038-G-W001-01		038-G-W002-01		038-G-W01D-01					
	ORIGINAL ID ----->	038GW00101		038GW00201		038GW01D01					
	LAB SAMPLE ID --->	L5997-52		L5997-56		L5997-54					
	ID FROM REPORT -->	038GW00101		038GW00201		038GW01D01					
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95					
	DATE EXTRACTED -->	12/11/95		12/11/95		12/11/95					
	DATE ANALYZED --->	12/16/95		12/16/95		12/16/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	MG/L		MG/L		MG/L					
CAS #	Parameter	L5997	VAL	L5997	VAL	L5997	VAL				
99900-02-6	TPH - Diesel Range Organics	1.1	U	1.1	U	1.1	U				
99900-02-5	TPH - Gasoline Range Organics	1.1	U	1.1	U	1.1	U				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE													
		SAMPLE ID ------->	038-G-W001-03		038-G-W001-04		038-G-W002-03		038-G-W002-04		038-G-W01D-03		038-G-W01D-04
		ORIGINAL ID ----->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		038GW01D04
		LAB SAMPLE ID --->	L7276-13		6423-04		L7276-15		6414-02		L7276-14		6414-01
		ID FROM REPORT -->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		039GW01D04
		SAMPLE DATE ----->	06/19/96		10/09/96		06/19/96		10/08/96		06/19/96		10/08/96
		DATE EXTRACTED -->	07/03/96		10/11/96		07/03/96		10/11/96		07/03/96		10/11/96
		DATE ANALYZED --->	07/03/96		10/11/96		07/03/96		10/11/96		07/03/96		10/11/96
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		L7276I	VAL	6382	VAL	L7276I	VAL	6382	VAL	L7276I	VAL	6382	VAL
16887-00-6	Chloride		62.		60.		36.		33.		160.		165.

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

METALS

	SAMPLE ID ------->	038-G-W001-04		038-G-W002-04		038-G-W01D-04					
	ORIGINAL ID ----->	038GW00104		038GW00204		038GW01D04					
	LAB SAMPLE ID --->	6423-04		6414-02		6414-01					
	ID FROM REPORT -->	038GW00104		038GW00204		038GW01D04					
	SAMPLE DATE ----->	10/09/96		10/08/96		10/08/96					
	DATE EXTRACTED -->	10/11/96		10/11/96		10/11/96					
	DATE ANALYZED --->	10/14/96		10/14/96		10/14/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL				
7429-90-5	Aluminum (Al)	41.9	U	86.9	U	23.	U				
7440-36-0	Antimony (Sb)	2.	U	2.	U	2.	U				
7440-38-2	Arsenic (As)	14.9		2.1	U	2.1	U				
7440-39-3	Barium (Ba)	28.5	J	17.5	J	15.9	J				
7440-41-7	Beryllium (Be)	0.11	U	0.11	U	0.11	U				
7440-43-9	Cadmium (Cd)	0.22	U	0.22	U	0.22	U				
7440-70-2	Calcium (Ca)	95600.		55500.		99300.					
7440-47-3	Chromium (Cr)	0.78	U	0.78	U	1.5	U				
7440-48-4	Cobalt (Co)	0.67	U	0.67	U	0.67	U				
7440-50-8	Copper (Cu)	3.9	J	7.9	J	0.9	J				
7439-89-6	Iron (Fe)	13600.		645.		3660.					
7439-92-1	Lead (Pb)	1.8	U	1.4	U	1.4	U				
7439-95-4	Magnesium (Mg)	8370.		3960.	J	11400.					
7439-96-5	Manganese (Mn)	157.		78.7		714.					
7439-97-6	Mercury (Hg)	0.1	UJ	0.1	UJ	0.1	UJ				
7440-02-0	Nickel (Ni)	0.67	U	0.67	U	0.67	U				
7440-09-7	Potassium (K)	2050.	J	2010.	J	6540.	J				
7782-49-2	Selenium (Se)	2.1	U	2.1	U	2.1	U				
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U				
7440-23-5	Sodium (Na)	46400.		34300.		108000.					
7440-28-0	Thallium (Tl)	3.1	U	3.1	U	3.1	U				
7440-62-2	Vanadium (V)	0.44	U	0.47	U	0.44	U				
7440-66-6	Zinc (Zn)	18.7	U	25.1	U	9.7	U				
7440-31-5	Tin (Sn)	5.5	U	5.5	U	5.5	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE

	SAMPLE ID ------->	038-G-W001-03		038-G-W001-04		038-G-W002-03		038-G-W002-04		038-G-W01D-03		038-G-W01D-04	
	ORIGINAL ID ----->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		038GW01D04	
	LAB SAMPLE ID --->	L7276-13		6423-04		L7276-15		6414-02		L7276-14		6414-01	
	ID FROM REPORT -->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		039GW01D04	
	SAMPLE DATE ----->	06/19/96		10/09/96		06/19/96		10/08/96		06/19/96		10/08/96	
	DATE EXTRACTED -->	06/24/96		10/18/96		06/24/96		10/18/96		06/24/96		10/18/96	
	DATE ANALYZED --->	06/24/96		10/18/96		06/24/96		10/18/96		06/24/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7276I	VAL	6382	VAL	L7276I	VAL	6382	VAL	L7276I	VAL	6382	VAL
14808-79-8	Sulfate	5.6	U	10.	U	26.		19.8		8.2		10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	038-G-W001-02		038-G-W001-03		038-G-W002-02		038-G-W002-03		038-G-W01D-02		038-G-W01D-03	
	ORIGINAL ID ----->	038GW00102		038GW00103		038GW00202		038GW00203		038GW01D02		38GW001D03	
	LAB SAMPLE ID --->	L6884-7		L7276-4		L6884-8		L7276-6		L6891-7		L7276-5	
	ID FROM REPORT -->	038GW00102		038GW00103		038GW00202		038GW00203		038GW01D02		38GW001D03	
	SAMPLE DATE ----->	04/22/96		06/19/96		04/22/96		06/19/96		04/23/96		06/19/96	
	DATE EXTRACTED -->	05/03/96		07/08/96		05/03/96		07/08/96		05/03/96		07/08/96	
	DATE ANALYZED --->	05/07/96		07/10/96		05/07/96		07/10/96		05/07/96		07/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6884W	VAL	L7276M	VAL	L6884W	VAL	L7276M	VAL	L6891W	VAL	L7276M	VAL
7429-90-5	Aluminum (Al)	2400.		123.	U	1260.		222.	U	179.	UJ	68.6	U
7440-36-0	Antimony (Sb)	4.	U	9.	U	4.	U	9.	U	4.4	U	9.	U
7440-38-2	Arsenic (As)	10.4	U	12.5		3.2	U	3.1	J	2.	U	2.	U
7440-39-3	Barium (Ba)	33.3	U	26.5	J	19.3	U	17.5	J	17.1	U	17.5	J
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	5.	U	3.	U	5.	U	3.	U
7440-70-2	Calcium (Ca)	99100.		98000.		54100.		52900.		102000.		97500.	
7440-47-3	Chromium (Cr)	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
7440-48-4	Cobalt (Co)	7.	U	4.	U	7.	U	7.1	J	7.	U	4.	U
7440-50-8	Copper (Cu)	7.	U	6.	U	7.	U	6.4	U	7.	U	6.	U
7439-89-6	Iron (Fe)	16200.		14100.		5990.		4210.		3550.		3770.	
7439-92-1	Lead (Pb)	2.	U	2.	U	2.	J	2.	U	2.	U	2.	U
7439-95-4	Magnesium (Mg)	7020.		7050.		6090.		5550.		11100.		11000.	
7439-96-5	Manganese (Mn)	146.		141.		187.		152.		694.		633.	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
7440-09-7	Potassium (K)	1220.	UJ	2820.	J	1220.	UJ	3030.	J	2670.	J	5080.	J
7782-49-2	Selenium (Se)	3.	UJ	3.	U	3.	UJ	3.	U	3.	UJ	15.	UJ
7440-22-4	Silver (Ag)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-23-5	Sodium (Na)	49000.	U	49400.		40500.	U	39000.		131000.	U	124000.	
7440-28-0	Thallium (Tl)	3.	U	3.	U	3.	U	3.	U	3.	UJ	3.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-66-6	Zinc (Zn)	8.1	U	7.	U	9.8	U	9.5	U	3.	U	11.4	U
7440-31-5	Tin (Sn)	33.	U	15.	UJ	33.	U	15.	UJ	33.	U	15.	UJ

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST													
	SAMPLE ID ------->	038-G-W001-02		038-G-W001-03		038-G-W001-04		038-G-W002-02		038-G-W002-03		038-G-W002-04	
	ORIGINAL ID ----->	038GW00102		038GW00103		038GW00104		038GW00202		038GW00203		038GW00204	
	LAB SAMPLE ID --->	L6884-1		L7276-7		6423-04		L6884-3		L7276-11		6414-02	
	ID FROM REPORT -->	038GW00102		038GW00103		038GW00104		038GW00202		038GW00203		038GW00204	
	SAMPLE DATE ----->	04/22/96		06/19/96		10/09/96		04/22/96		06/19/96		10/08/96	
	DATE EXTRACTED -->	04/29/96		06/23/96		10/14/96		04/29/96		06/23/96		10/10/96	
	DATE ANALYZED --->	05/14/96		07/02/96		10/19/96		05/14/96		07/01/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6884	VAL	L7276	VAL	6382	VAL	L6884	VAL	L7276	VAL	6382	VAL
319-84-6	alpha-BHC	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
319-85-7	beta-BHC	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
319-86-8	delta-BHC	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
76-44-8	Heptachlor	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
309-00-2	Aldrin	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
1024-57-3	Heptachlor epoxide	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
5103-74-2	gamma-Chlordane	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
959-98-8	Endosulfan I	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
5103-71-9	alpha-Chlordane	0.053	U	0.056	U	0.05	U	0.053	U	0.057	U	0.05	U
72-55-9	4,4'-DDE	0.092	J	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
50-29-3	4,4'-DDT	2.6		0.23		0.1	U	0.11	U	0.11	U	0.1	U
60-57-1	Dieldrin	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
72-20-8	Endrin	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
33213-65-9	Endosulfan II	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
72-54-8	4,4'-DDD	4.	D	2.9		3.18		0.11	U	0.11	U	0.1	U
7421-93-4	Endrin aldehyde	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
72-43-5	Methoxychlor	0.53	U	0.56	U	0.5	U	0.53	U	0.57	U	0.5	U
8001-35-2	Toxaphene	5.3	U	5.6	U	5.	U	5.3	U	5.7	U	5.	U
12674-11-2	Aroclor-1016	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
11104-28-2	Aroclor-1221	2.1	U	2.2	U	2.	U	2.1	U	2.3	U	2.	U
11141-16-5	Aroclor-1232	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
53469-21-9	Aroclor-1242	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
12672-29-6	Aroclor-1248	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
11097-69-1	Aroclor-1254	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
11096-82-5	Aroclor-1260	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
57-74-9	Chlordane	1.1	U	1.1	U	1.	U	1.1	U	1.1	U	1.	U
53494-70-5	Endrin ketone	NR		NR		0.1	U	NR		NR		0.1	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST										
	SAMPLE ID ------->	038-G-W01D-02		038-G-W01D-03		038-G-W01D-04				
	ORIGINAL ID ----->	038GW01D02		038GW01D03		038GW01D04				
	LAB SAMPLE ID --->	L6891-19		L7276-9		6414-01				
	ID FROM REPORT -->	038GW01D02		038GW001D0		038GW01D04				
	SAMPLE DATE ----->	04/23/96		06/19/96		10/08/96				
	DATE EXTRACTED -->	04/29/96		06/23/96		10/10/96				
	DATE ANALYZED --->	05/14/96		07/01/96		10/14/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L6891	VAL	L7276	VAL	6382	VAL			
319-84-6	alpha-BHC	0.053	U	0.053	U	0.05	U			
319-85-7	beta-BHC	0.053	U	0.053	U	0.05	U			
58-89-9	gamma-BHC (Lindane)	0.053	U	0.053	U	0.05	U			
319-86-8	delta-BHC	0.053	U	0.053	U	0.05	U			
76-44-8	Heptachlor	0.053	U	0.053	U	0.05	U			
309-00-2	Aldrin	0.053	U	0.053	U	0.05	U			
1024-57-3	Heptachlor epoxide	0.053	U	0.053	U	0.05	U			
5103-74-2	gamma-Chlordane	0.053	U	0.053	U	0.05	U			
959-98-8	Endosulfan I	0.053	U	0.053	U	0.05	U			
5103-71-9	alpha-Chlordane	0.053	U	0.053	U	0.05	U			
72-55-9	4,4'-DDE	0.11	U	0.11	U	0.1	U			
50-29-3	4,4'-DDT	0.11	U	0.11	U	0.1	U			
60-57-1	Dieldrin	0.11	U	0.11	U	0.1	U			
72-20-8	Endrin	0.11	U	0.11	U	0.1	U			
33213-65-9	Endosulfan II	0.11	U	0.11	U	0.1	U			
72-54-8	4,4'-DDD	0.11	U	0.11	U	0.1	U			
7421-93-4	Endrin aldehyde	0.11	U	0.11	U	0.1	U			
1031-07-8	Endosulfan sulfate	0.11	U	0.11	U	0.1	U			
72-43-5	Methoxychlor	0.53	U	0.53	U	0.5	U			
8001-35-2	Toxaphene	5.3	U	5.3	U	5.	U			
12674-11-2	Aroclor-1016	1.1	U	1.1	U	1.	U			
11104-28-2	Aroclor-1221	2.1	U	2.1	U	2.	U			
11141-16-5	Aroclor-1232	1.1	U	1.1	U	1.	U			
53469-21-9	Aroclor-1242	1.1	U	1.1	U	1.	U			
12672-29-6	Aroclor-1248	1.1	U	1.1	U	1.	U			
11097-69-1	Aroclor-1254	1.1	U	1.1	U	1.	U			
11096-82-5	Aroclor-1260	1.1	U	1.1	U	1.	U			
57-74-9	Chlordane	1.1	U	1.1	U	1.	U			
53494-70-5	Endrin ketone	NR		NR		0.1	U			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	038-G-W001-03		038-G-W001-04		038-G-W002-03		038-G-W002-04		038-G-W01D-03		038-G-W01D-04	
	ORIGINAL ID ----->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		038GW01D04	
	LAB SAMPLE ID --->	L7276-13		6423-04		L7276-15		6414-02		L7276-14		6414-01	
	ID FROM REPORT -->	038GW00103		038GW00104		038GW00203		038GW00204		038GW001D0		039GW01D04	
	SAMPLE DATE ----->	06/19/96		10/09/96		06/19/96		10/08/96		06/19/96		10/08/96	
	DATE EXTRACTED -->	06/24/96		10/14/96		06/24/96		10/14/96		06/24/96		10/14/96	
	DATE ANALYZED --->	06/24/96		10/14/96		06/24/96		10/14/96		06/24/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L72761	VAL	6382	VAL	L72761	VAL	6382	VAL	L72761	VAL	6382	VAL
999900-07-2	Total Dissolved Solids (TDS)	540.		404.		360.		244.		200.		624.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

	SAMPLE ID ------->	039-C-B003-01		039-C-B014-01					
	ORIGINAL ID ----->	039CB00301		039CB01401					
	LAB SAMPLE ID --->	L5509-8		L5509-7					
	ID FROM REPORT -->	039CB00301		039CB01401					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/28/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
108-95-2	Phenol	760.	U	750.	U				
111-44-4	bis(2-Chloroethyl)ether	760.	U	750.	U				
95-57-8	2-Chlorophenol	760.	U	750.	U				
100-51-6	Benzyl alcohol	1500.	U	1500.	U				
95-48-7	2-Methylphenol (o-Cresol)	760.	U	750.	U				
39638-32-9	Bis(2-Chloroisopropyl)Ether	760.	U	750.	U				
621-64-7	N-Nitroso-di-n-propylamine	760.	U	750.	U				
67-72-1	Hexachloroethane	760.	U	750.	U				
98-95-3	Nitrobenzene	760.	U	750.	U				
78-59-1	Isophorone	760.	U	750.	U				
88-75-5	2-Nitrophenol	760.	U	750.	U				
105-67-9	2,4-Dimethylphenol	760.	U	750.	U				
111-91-1	bis(2-Chloroethoxy)methane	760.	U	750.	U				
120-83-2	2,4-Dichlorophenol	760.	U	750.	U				
91-20-3	Naphthalene	760.	U	750.	U				
106-47-8	4-Chloroaniline	1500.	U	1500.	U				
87-68-3	Hexachlorobutadiene	760.	U	750.	U				
59-50-7	4-Chloro-3-methylphenol	1500.	U	1500.	U				
91-57-6	2-Methylnaphthalene	760.	U	750.	U				
77-47-4	Hexachlorocyclopentadiene	760.	U	750.	U				
88-06-2	2,4,6-Trichlorophenol	760.	U	750.	U				
95-95-4	2,4,5-Trichlorophenol	760.	U	750.	U				
91-58-7	2-Chloronaphthalene	760.	U	750.	U				
88-74-4	2-Nitroaniline	3800.	U	3700.	U				
131-11-3	Dimethyl phthalate	760.	U	750.	U				
208-96-8	Acenaphthylene	760.	U	750.	U				
606-20-2	2,6-Dinitrotoluene	760.	U	750.	U				
99-09-2	3-Nitroaniline	3800.	U	3700.	U				
83-32-9	Acenaphthene	760.	U	750.	U				
51-28-5	2,4-Dinitrophenol	3800.	U	3700.	U				
100-02-7	4-Nitrophenol	3800.	U	3700.	U				
132-64-9	Dibenzofuran	760.	U	750.	U				
121-14-2	2,4-Dinitrotoluene	760.	U	750.	U				
84-66-2	Diethylphthalate	760.	U	750.	U				
7005-72-3	4-Chlorophenylphenylether	760.	U	750.	U				
86-73-7	Fluorene	760.	U	750.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

	SAMPLE ID ------->	039-C-B003-01		039-C-B014-01					
	ORIGINAL ID ----->	039CB00301		039CB01401					
	LAB SAMPLE ID --->	L5509-8		L5509-7					
	ID FROM REPORT -->	039CB00301		039CB01401					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/28/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
100-01-6	4-Nitroaniline	3800.	U	3700.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	3700.	U				
86-30-6	N-Nitrosodiphenylamine	3800.	U	3700.	U				
101-55-3	4-Bromophenyl-phenylether	760.	U	750.	U				
118-74-1	Hexachlorobenzene	760.	U	750.	U				
87-86-5	Pentachlorophenol	3800.	U	3700.	U				
85-01-8	Phenanthrene	760.	U	750.	U				
120-12-7	Anthracene	760.	U	750.	U				
84-74-2	Di-n-butylphthalate	760.	U	750.	U				
206-44-0	Fluoranthene	760.	U	750.	U				
129-00-0	Pyrene	760.	U	750.	U				
85-68-7	Butylbenzylphthalate	760.	U	750.	U				
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1500.	U				
56-55-3	Benzo(a)anthracene	760.	U	750.	U				
218-01-9	Chrysene	760.	U	750.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	760.	U	750.	U				
117-84-0	Di-n-octyl phthalate	760.	U	750.	U				
205-99-2	Benzo(b)fluoranthene	760.	U	750.	U				
207-08-9	Benzo(k)fluoranthene	760.	U	750.	U				
50-32-8	Benzo(a)pyrene	760.	U	750.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	760.	U	750.	U				
53-70-3	Dibenz(a,h)anthracene	760.	U	750.	U				
191-24-2	Benzo(g,h,i)perylene	760.	U	750.	U				
95-53-4	o-Toluidine	1500.	U	1500.	U				
1888-71-7	Hexachloropropene	760.	U	750.	U				
95-94-3	1,2,4,5-Tetrachlorobenzene	760.	U	750.	U				
608-93-5	Pentachlorobenzene	760.	U	750.	U				
91-59-8	2-Naphthylamine	3800.	U	3700.	U				
134-32-7	1-Naphthylamine	3800.	U	3700.	U				
297-97-2	Thionazin	3800.	U	3700.	U				
99-55-8	5-Nitro-o-toluidine	3800.	U	3700.	U				
2303-16-4	Diallate	1500.	U	1500.	U				
298-02-2	Phorate	1500.	U	1500.	U				
62-44-2	Phenacetin	1500.	U	1500.	U				
60-51-5	Dimethoate	1500.	U	1500.	U				
92-67-1	4-Aminobiphenyl	3800.	U	3700.	U				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	L5509-8		L5509-7				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/17/95		10/17/95				
DATE ANALYZED --->	10/30/95		10/28/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
23950-58-5 Pronamide	1500.	U	1500.	U			
298-04-4 Disulfoton	1500.	U	1500.	U			
298-00-0 Methyl parathion	3800.	UR	3700.	UJ			
56-38-2 Parathion	1500.	UR	1500.	UJ			
140-57-8 Aramite	1500.	U	1500.	U			
510-15-6 Chlorobenzilate	1500.	U	1500.	U			
119-93-7 3,3-Dimethylbenzidine	23000.	U	23000.	U			
52-85-7 Famphur	760.	U	750.	U			
53-96-3 Acetamidofluorene	1500.	U	1500.	U			
70-30-4 Hexachlorophene	13000.	U	12000.	U			
56-49-5 3-Methyl cholanthrene	1500.	U	1500.	U			
110-86-1 Pyridine	1500.	U	1500.	U			
76-01-7 Pentachloroethane	760.	U	750.	U			
62-75-9 N-Nitrosodimethylamine	1500.	U	1500.	U			
109-06-8 2-Picoline	2600.	U	2600.	U			
0595-95-6 N-Nitrosomethylethylamine	1500.	U	1500.	U			
66-27-3 Methyl methanesulfonate	760.	U	750.	U			
55-18-5 N-Nitrosodiethylamine	1500.	U	1500.	U			
62-50-0 Ethyl methanesulfonate	760.	U	750.	U			
62-53-3 Aniline	1500.	U	1500.	U			
930-55-2 N-Nitrosopyrrolidine	1500.	U	1500.	U			
59-89-2 N-Nitrosomorpholine	1500.	U	1500.	U			
98-86-2 Acetophenone	760.	U	750.	U			
87-65-0 2,6-Dichlorophenol	1500.	U	1500.	U			
100-75-4 N-Nitrosopiperidine	1500.	U	1500.	U			
924-16-3 N-Nitroso-di-n-butylamine	1500.	U	1500.	U			
120-58-1 Isosafrole	760.	U	750.	U			
94-59-7 Safrole	760.	U	750.	U			
130-15-4 1,4-Naphthoquinone	1500.	U	1500.	U			
99-65-0 1,3-Dinitrobenzene	1500.	U	1500.	U			
58-90-2 2,3,4,6-Tetrachlorophenol	3800.	U	3700.	U			
99-35-4 1,3,5-Trinitrobenzene	1500.	UJ	1500.	U			
82-68-8 Pentachloronitrobenzene	760.	U	750.	U			
88-85-7 Dinoseb	2300.	U	2300.	U			
689-24-5 Sulfotep	1500.	U	1500.	U			
126-68-1 O,O,O-Triethylphosphorothioate	1500.	U	1500.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA									
	SAMPLE ID ------->	039-C-B003-01		039-C-B014-01					
	ORIGINAL ID ----->	039CB00301		039CB01401					
	LAB SAMPLE ID --->	L5509-8		L5509-7					
	ID FROM REPORT -->	039CB00301		039CB01401					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE EXTRACTED -->	10/17/95		10/17/95					
	DATE ANALYZED --->	10/30/95		10/28/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
60-11-7	p-(Dimethylamino)azobenzene	1500.	U	1500.	U				
57-97-6	7,12-Dimethylbenz(a)anthracene	760.	U	750.	U				
56-57-5	4-Nitroquinoline 1-oxide	1500.	U	1500.	U				
108-39-4	3-Methylphenol (m-Cresol)	1500.	U	1500.	U				
9900-32-2	3-Methylphenol/4-Methylphenol	1500.	U	1500.	U				
91-80-5	Methapyrilene	1500.	U	1500.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR					

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST

	SAMPLE ID ------->	039-C-B003-01		039-C-B014-01		039-C-B017-01					
	ORIGINAL ID ----->	039CB00301		039CB01401		039CB01701					
	LAB SAMPLE ID --->	L5509-8		L5509-7		25081.01					
	ID FROM REPORT -->	039CB00301		039CB01401		039CB01701					
	SAMPLE DATE ----->	10/03/95		10/03/95		03/27/96					
	DATE EXTRACTED -->	10/16/95		10/16/95		03/29/96					
	DATE ANALYZED --->	11/04/95		11/03/95		04/05/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL	25080	VAL				
319-84-6	alpha-BHC	1.9	U	1.9	U	1.7	U				
319-85-7	beta-BHC	1.9	UJ	1.9	U	1.7	U				
319-86-8	delta-BHC	1.9	UJ	1.9	U	1.7	U				
58-89-9	gamma-BHC (Lindane)	1.9	U	1.9	U	1.7	U				
76-44-8	Heptachlor	1.9	U	1.9	U	1.7	U				
309-00-2	Aldrin	1.9	UJ	1.9	U	1.7	U				
1024-57-3	Heptachlor epoxide	1.9	UJ	1.9	U	1.7	U				
959-98-8	Endosulfan I	1.9	U	1.9	U	1.7	U				
60-57-1	Dieldrin	3.6	U	3.6	U	3.2	U				
72-55-9	4,4'-DDE	12.	J	1.1	J	4.1	J				
72-20-8	Endrin	3.6	U	3.6	U	3.2	U				
33213-65-9	Endosulfan II	3.6	UJ	3.6	U	3.2	U				
72-54-8	4,4'-DDD	2.1	J	3.6	U	3.2	U				
1031-07-8	Endosulfan sulfate	3.6	UJ	3.6	U	3.2	U				
50-29-3	4,4'-DDT	15.	J	4.6		26.	J				
72-43-5	Methoxychlor	19.	U	19.	U	17.	U				
53494-70-5	Endrin ketone	3.6	U	3.6	U	3.2	U				
7421-93-4	Endrin aldehyde	3.6	UJ	3.6	U	13.					
5103-71-9	alpha-Chlordane	1.9	UJ	1.9	U	1.7	U				
5103-74-2	gamma-Chlordane	1.9	UJ	1.9	U	1.7	U				
8001-35-2	Toxaphene	190.	U	190.	U	110.	U				
12674-11-2	Aroclor-1016	14.	U	14.	U	42.	U				
11104-28-2	Aroclor-1221	14.	U	14.	U	42.	U				
11141-16-5	Aroclor-1232	14.	U	14.	U	42.	U				
53469-21-9	Aroclor-1242	14.	U	14.	U	42.	U				
12672-29-6	Aroclor-1248	14.	U	14.	U	42.	U				
11097-69-1	Aroclor-1254	14.	U	14.	U	86.	U				
11096-82-5	Aroclor-1260	14.	U	14.	U	340.					
57-74-9	Chlordane	44.	U	44.	U	1.7	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

K9 VOA

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	L5509-4		L5509-3				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE ANALYZED --->	10/13/95		10/14/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
74-87-3 Chloromethane	11.	U	11.	UJ			
75-01-4 Vinyl chloride	11.	U	11.	UJ			
74-83-9 Bromomethane	11.	U	11.	UJ			
75-00-3 Chloroethane	11.	U	11.	UJ			
75-69-4 Trichlorofluoromethane	5.5	U	5.5	UJ			
67-64-1 Acetone	73.	J	17.	J			
75-35-4 1,1-Dichloroethene	5.5	U	5.5	UJ			
75-15-0 Carbon disulfide	5.5	U	5.5	UJ			
75-09-2 Methylene chloride	1.2	J	5.5	UJ			
156-60-5 trans-1,2-Dichloroethene	5.5	U	5.5	UJ			
108-05-4 Vinyl acetate	5.5	U	5.5	UJ			
75-34-3 1,1-Dichloroethane	5.5	U	5.5	UJ			
78-93-3 2-Butanone (MEK)	3.6	J	55.	UJ			
67-66-3 Chloroform	5.5	U	5.5	UJ			
71-55-6 1,1,1-Trichloroethane	5.5	U	5.5	UJ			
56-23-5 Carbon tetrachloride	5.5	U	5.5	UJ			
107-06-2 1,2-Dichloroethane	1.2	J	5.5	UJ			
71-43-2 Benzene	5.5	U	5.5	UJ			
79-01-6 Trichloroethene	5.5	U	5.5	UJ			
78-87-5 1,2-Dichloropropane	5.5	U	5.5	UJ			
75-27-4 Bromodichloromethane	5.5	U	5.5	UJ			
108-10-1 4-Methyl-2-Pentanone (MIBK)	55.	U	55.	UJ			
0061-01-5 cis-1,3-Dichloropropene	5.5	U	5.5	UJ			
108-88-3 Toluene	5.5	U	5.5	UJ			
0061-02-6 trans-1,3-Dichloropropene	5.5	U	5.5	UJ			
591-78-6 2-Hexanone	1.8	J	55.	UJ			
79-00-5 1,1,2-Trichloroethane	5.5	U	5.5	UJ			
127-18-4 Tetrachloroethene	5.5	U	5.5	UJ			
124-48-1 Dibromochloromethane	5.5	U	5.5	UJ			
108-90-7 Chlorobenzene	5.5	U	5.5	UJ			
100-41-4 Ethylbenzene	5.5	U	5.5	UJ			
1330-20-7 Xylene (Total)	NR		NR				
95-47-6 o-Xylene	5.5	U	5.5	UJ			
100-42-5 Styrene	5.5	U	5.5	UJ			
75-25-2 Bromoform	5.5	U	5.5	UJ			
79-34-5 1,1,2,2-Tetrachloroethane	5.5	U	5.5	UJ			
541-73-1 1,3-Dichlorobenzene	5.5	U	5.5	UJ			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 VOA

	SAMPLE ID ------->	039-C-B003-01		039-C-B014-01					
	ORIGINAL ID ----->	039CB00301		039CB01401					
	LAB SAMPLE ID --->	L5509-4		L5509-3					
	ID FROM REPORT -->	039CB00301		039CB01401					
	SAMPLE DATE ----->	10/03/95		10/03/95					
	DATE ANALYZED --->	10/13/95		10/14/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5509	VAL	L5509	VAL				
106-46-7	1,4-Dichlorobenzene	5.5	U	5.5	UJ				
95-50-1	1,2-Dichlorobenzene	1.2	J	5.5	UJ				
75-05-8	Acetonitrile	55.	U	55.	UJ				
107-02-8	Acrolein	55.	U	55.	UJ				
107-13-1	Acrylonitrile	55.	U	55.	UJ				
107-05-1	3-Chloropropene	22.	U	22.	UJ				
106-93-4	1, 2-Dibromoethane	5.5	U	5.5	UJ				
74-95-3	Methylene bromide	5.5	U	5.5	UJ				
96-12-8	1,2-Dibromo-3-Chloropropane	110.	U	110.	UJ				
110-57-6	trans-1,4-Dichloro-2-butene	110.	U	110.	UJ				
75-71-8	Dichlorodifluoromethane	5.5	U	5.5	UJ				
123-91-1	1,4-Dioxane	110.	U	110.	UJ				
107-12-0	Propionitrile	11.	U	11.	UJ				
97-63-2	Ethyl methacrylate	5.5	U	5.5	UJ				
74-88-4	Methyl iodide	5.5	U	5.5	UJ				
78-83-1	Isobutyl alcohol	110.	U	110.	UJ				
126-98-7	Methacrylonitrile	5.5	U	5.5	UJ				
80-62-6	Methyl methacrylate	5.5	U	5.5	UJ				
630-20-6	1,1,1,2-Tetrachloroethane	5.5	U	5.5	UJ				
120-82-1	1,2,4-Trichlorobenzene	1.7	J	5.5	UJ				
96-18-4	1,2,3-Trichloropropane	5.5	U	5.5	UJ				
540-59-0	1,2-Dichloroethene (total)	5.5	U	5.5	U				
110-75-8	2-Chloroethyl vinyl ether	5.5	U	5.5	U				
126-99-8	Chloroprene	5.5	U	5.5	U				
76-01-7	Pentachloroethane	5.5	U	5.5	U				
71-36-3	n-Butyl alcohol	5.5	U	5.5	U				
9900-05-0	m+p Xylene	1.4	J	5.5	UJ				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

K9-HERB

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	L5509-8		L5509-7				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/16/95		10/16/95				
DATE ANALYZED --->	10/25/95		10/25/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
94-75-7 2,4-D	170.	U	170.	UJ			
93-72-1 2,4,5-TP (Silvex)	55.	U	55.	UJ			
93-76-5 2,4,5-T	55.	U	55.	UJ			

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	107-202-4		107-202-3				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/13/95		10/13/95				
DATE ANALYZED --->	10/18/95		10/18/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	NG/KG		NG/KG				
CAS # Parameter	L5557	VAL	L5557	VAL			
1746-01-6 2378-TCDD	0.4	U	0.4	U			
40321-76-4 12378-PeCDD	1.3		0.7	U			
39227-28-6 123478-HxCDD	1.1		0.5	U			
57653-85-7 123678-HxCDD	1.6		0.5	U			
19408-74-3 123789-HxCDD	1.2		0.51				
35822-46-9 1234678-HpCDD	20.7		12.4				
3268-87-9 OCDD	594.		1580.				
51207-31-9 2378-TCDF	0.4	U	0.4	U			
57117-41-6 12378-PeCDF	1.3		0.5	U			
57117-31-4 23478-PeCDF	1.4		0.5	U			
70648-26-9 123478-HxCDF	1.4		0.4	U			
57117-44-9 123678-HxCDF	1.3		0.3	U			
60851-34-5 234678-HxCDF	1.7	EMPC	0.4	U			
72918-21-9 123789-HxCDF	1.1		0.4	U			
67562-39-4 1234678-HpCDF	4.8		0.72				
55673-89-7 1234789-HpCDF	1.2	EMPC	0.5	U			
39001-02-0 OCDF	11.8		1.5	EMPC			
41903-57-5 Total Tetra-Dioxins	0.4	U	0.4	U			
36088-22-9 Total Penta-Dioxins	1.3		0.7	U			
34465-46-8 Total Hexa-Dioxins	8.4		5.4				
37871-00-4 Total Hepta-Dioxins	47.2		46.6				
55722-27-5 Total Tetra-Furans	0.4	U	0.4	U			
30602-15-4 Total Penta-Furans	2.7		0.5	U			
35684-94-1 Total Hexa-Furans	9.4	EMPC	0.4	U			
38998-75-3 Total Hepta-Furans	13.6	EMPC	2.				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

XACHROME

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	L5509-13		L5509-12				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/04/95		10/04/95				
DATE ANALYZED --->	10/04/95		10/04/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	MG/KG		MG/KG				
CAS # Parameter	L5509I	VAL	L5509I	VAL			
8540-29-9 Chromium (Hexavalent)	0.023	U	0.023	U			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OP PEST

SAMPLE ID ------->	039-C-B003-01		039-C-B014-01				
ORIGINAL ID ----->	039CB00301		039CB01401				
LAB SAMPLE ID --->	L5509-8		L5509-7				
ID FROM REPORT -->	039CB00301		039CB01401				
SAMPLE DATE ----->	10/03/95		10/03/95				
DATE EXTRACTED -->	10/17/95		10/17/95				
DATE ANALYZED --->	10/24/95		10/24/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5509	VAL	L5509	VAL			
60-51-5 Dimethoate	55.	U	55.	U			
298-04-4 Disulfoton	55.	U	55.	U			
52-85-7 Famphur	55.	U	55.	U			
56-38-2 Parathion	55.	U	55.	U			
298-00-0 Methyl parathion	55.	U	55.	U			
298-02-2 Phorate	55.	UJ	55.	UJ			
3689-24-5 Sulfotep	55.	UJ	55.	UJ			
297-97-2 Thionazin	55.	UJ	55.	UJ			
126-68-1 O,O,O-Triethylphosphorothioate	55.	U	55.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-META													
		SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-C-B003-01
		ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039CB00301
		LAB SAMPLE ID --->	L5506-63		L5506-64		L5506-61		L5506-62		L5510-64		L5509-13
		ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039CB00301
		SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95
		DATE EXTRACTED -->	10/05/95		10/05/95		10/05/95		10/05/95		10/11/95		10/11/95
		DATE ANALYZED --->	10/13/95		10/13/95		10/13/95		10/13/95		10/22/95		10/22/95
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter		L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5510S	VAL	L5509S	VAL
7429-90-5	Aluminum (Al)		5490.		1340.		5210.		8050.		12500.		12500.	
7440-36-0	Antimony (Sb)		11.9	U	12.4	U	11.5	U	12.	U	11.7	UJ	11.2	U
7440-38-2	Arsenic (As)		2.3	J	0.97	U	1.9	J	0.94	U	4.6		4.8	
7440-39-3	Barium (Ba)		12.9	J	3.2	J	14.5	J	14.4	J	18.5	J	15.7	J
7440-41-7	Beryllium (Be)		0.23	U	0.24	U	0.23	U	0.24	U	0.23	U	0.22	U
7440-43-9	Cadmium (Cd)		0.93	U	0.97	U	0.9	U	0.94	U	1.1	U	1.1	U
7440-70-2	Calcium (Ca)		81500.	J	3220.	J	23400.	J	799.	J	27800.		18500.	
7440-47-3	Chromium (Cr)		7.6		3.1		7.3		9.5		24.		22.5	
7440-48-4	Cobalt (Co)		3.	J	1.6	J	1.4	U	1.4	U	4.1	J	1.8	J
7440-50-8	Copper (Cu)		4.8	J	1.	J	10.9		1.4	J	3.1	J	3.9	J
7439-89-6	Iron (Fe)		7380.		1210.		4250.		4790.		12200.		11100.	
7439-92-1	Lead (Pb)		9.7		1.9		13.		4.3		8.8		11.5	
7439-95-4	Magnesium (Mg)		1260.		144.	J	577.	J	433.	J	1230.		1070.	J
7439-96-5	Manganese (Mn)		107.		6.		36.5		7.6		28.8		26.1	
7439-97-6	Mercury (Hg)		0.12	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U
7440-02-0	Nickel (Ni)		5.8	J	4.1	U	4.2	J	4.	U	5.4	J	7.2	J
7440-09-7	Potassium (K)		368.	J	231.	J	286.	J	260.	J	625.	U	441.	J
7782-49-2	Selenium (Se)		0.69	U	0.73	U	0.68	U	0.71	U	1.1	J	0.69	J
7440-22-4	Silver (Ag)		0.7	U	0.73	U	0.68	U	0.71	U	0.69	U	0.74	U
7440-23-5	Sodium (Na)		256.	J	183.	J	232.	J	214.	J	249.	J	214.	J
7440-28-0	Thallium (Tl)		0.92	U	0.97	U	0.91	U	0.94	U	0.93	U	0.92	U
7440-62-2	Vanadium (V)		7.5	J	2.	J	7.9	J	9.8	J	23.2		20.2	
7440-66-6	Zinc (Zn)		23.2		3.4	J	23.5		8.2		19.4		18.4	
7440-31-5	Tin (Sn)		8.6	U	9.	U	8.4	U	8.7	U	8.5	U	8.2	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-S-B003-02		039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01	
	ORIGINAL ID ----->	039SB00302		039SB00401		039SB00402		039SB00501		039SB00502		039SB00601	
	LAB SAMPLE ID --->	L5510-65		L5506-69		L5506-70		L5506-67		L5506-68		L5506-65	
	ID FROM REPORT -->	039SB00302		039SB00401		039SB00402		039SB00501		039SB00502		039SB00601	
	SAMPLE DATE ----->	10/03/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/11/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE ANALYZED --->	10/22/95		10/13/95		10/13/95		10/13/95		10/13/95		10/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL
7429-90-5	Aluminum (Al)	3680.		5630.		8520.		4750.		7880.		16000.	
7440-36-0	Antimony (Sb)	12.	UJ	11.2	U	12.2	U	12.2	U	11.9	U	12.2	U
7440-38-2	Arsenic (As)	1.3	J	5.	J	1.1	J	7.3		0.93	U	17.9	
7440-39-3	Barium (Ba)	17.	J	36.1	J	18.7	J	22.8	J	22.2	J	37.8	J
7440-41-7	Beryllium (Be)	0.23	U	0.22	U	0.24	U	0.24	U	0.23	U	0.45	J
7440-43-9	Cadmium (Cd)	1.2	U	0.88	U	0.96	U	0.96	U	0.93	U	0.96	U
7440-70-2	Calcium (Ca)	725.	J	2080.	J	871.	J	136000.	J	4290.	J	13800.	J
7440-47-3	Chromium (Cr)	7.4		9.2		13.3		14.		8.4		24.1	
7440-48-4	Cobalt (Co)	2.5	J	2.7	J	1.8	J	1.9	J	1.4	U	3.3	J
7440-50-8	Copper (Cu)	1.3	J	17.		4.2	J	15.8		0.9	J	17.6	
7439-89-6	Iron (Fe)	3080.		5760.		6770.		5880.		3900.		16300.	
7439-92-1	Lead (Pb)	2.2		21.1		3.9		108.		3.2		35.8	
7439-95-4	Magnesium (Mg)	313.	J	412.	J	635.	J	1710.		547.	J	1800.	
7439-96-5	Manganese (Mn)	5.		35.8		13.2		107.		12.9		191.	
7439-97-6	Mercury (Hg)	0.12	U	0.19		0.12	U	2.8		0.12	U	0.15	
7440-02-0	Nickel (Ni)	3.3	U	6.5	J	4.1	U	9.8		4.	U	8.8	J
7440-09-7	Potassium (K)	283.	U	351.	J	289.	J	495.	J	140.	UJ	813.	J
7782-49-2	Selenium (Se)	0.72	U	0.66	U	0.74	U	0.73	U	0.7	U	0.73	U
7440-22-4	Silver (Ag)	0.7	U	0.66	U	0.72	U	0.72	U	0.7	U	0.72	U
7440-23-5	Sodium (Na)	214.	J	217.	J	222.	J	287.		218.	J	349.	J
7440-28-0	Thallium (Tl)	0.95	U	0.88	U	0.98	U	0.98	U	0.93	U	0.97	U
7440-62-2	Vanadium (V)	5.2	J	13.3		14.3		11.2	J	6.7	J	31.4	
7440-66-6	Zinc (Zn)	4.4	J	33.		14.7		268.		9.2		112.	
7440-31-5	Tin (Sn)	8.7	U	8.1	U	8.9	U	8.9	U	8.6	U	8.8	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-META													
	SAMPLE ID ------->	039-S-B006-02		039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01	
	ORIGINAL ID ----->	039SB00602		039SB00701		039SB00702		039SB00801		039SB00802		039SB00901	
	LAB SAMPLE ID --->	L5506-66		L5506-73		L5506-74		L5506-71		L5506-72		L5506-77	
	ID FROM REPORT -->	039SB00602		039SB00701		039SB00702		039SB00801		039SB00802		039SB00901	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE ANALYZED --->	10/13/95		10/13/95		10/13/95		10/13/95		10/13/95		10/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL
7429-90-5	Aluminum (Al)	1400.		5590.		7550.		7610.		3770.		11200.	
7440-36-0	Antimony (Sb)	11.9	U	11.2	U	11.9	U	12.1	U	11.8	U	11.2	U
7440-38-2	Arsenic (As)	0.91	U	3.9		0.95	U	1.4	J	0.94	U	3.6	
7440-39-3	Barium (Ba)	4.9	J	23.2	J	14.9	J	15.6	J	8.1	J	41.7	J
7440-41-7	Beryllium (Be)	0.23	U	0.22	U	0.23	U	0.24	U	0.23	U	0.22	U
7440-43-9	Cadmium (Cd)	0.94	U	0.88	U	0.93	U	0.95	U	0.93	U	0.87	U
7440-70-2	Calcium (Ca)	354.	J	71500.	J	1230.	J	3300.	J	226.	J	3830.	J
7440-47-3	Chromium (Cr)	2.1	J	8.4		9.1		10.2		4.5		13.8	
7440-48-4	Cobalt (Co)	1.4	U	3.2	J	2.1	J	1.7	J	1.4	U	2.	J
7440-50-8	Copper (Cu)	0.7	U	32.2		6.1		2.5	J	0.7	U	6.5	
7439-89-6	Iron (Fe)	1560.		8150.		3570.		5990.		2070.		9280.	
7439-92-1	Lead (Pb)	1.7		12.		5.2		8.		3.4		29.	
7439-95-4	Magnesium (Mg)	111.	J	1450.		485.	J	357.	J	196.	J	587.	J
7439-96-5	Manganese (Mn)	4.3		110.		10.7		13.2		3.6		26.2	
7439-97-6	Mercury (Hg)	1.5		1.5		1.8		1.7		2.		1.3	
7440-02-0	Nickel (Ni)	4.	U	4.3	J	4.	U	4.	U	3.9	U	5.8	J
7440-09-7	Potassium (K)	140.	UJ	304.	J	140.	UJ	301.	J	139.	UJ	383.	J
7782-49-2	Selenium (Se)	0.69	U	0.67	U	0.72	U	0.74	U	0.7	U	0.66	U
7440-22-4	Silver (Ag)	0.7	U	0.66	U	0.7	U	0.71	U	0.7	U	0.66	U
7440-23-5	Sodium (Na)	197.	J	267.	J	199.	J	203.	J	220.	J	204.	J
7440-28-0	Thallium (Tl)	0.91	U	0.89	U	0.95	U	0.98	U	0.94	U	0.88	U
7440-62-2	Vanadium (V)	2.	J	9.9	J	6.7	J	11.7	J	3.9	J	16.	
7440-66-6	Zinc (Zn)	7.9		34.9		48.1		13.3		4.2	J	21.	
7440-31-5	Tin (Sn)	8.7	U	8.1	U	8.6	U	8.8	U	8.6	U	8.1	U

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-S-B009-02		039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01	
	ORIGINAL ID ----->	039SB00902		039SB01001		039SB01002		039SB01101		039SB01102		039SB01201	
	LAB SAMPLE ID --->	L5506-78		L5506-75		L5506-76		L5506-79		L5506-80		L5510-66	
	ID FROM REPORT -->	039SB00902		039SB01001		039SB01002		039SB01101		039SB01102		039SB01201	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/03/95	
	DATE EXTRACTED -->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/11/95	
	DATE ANALYZED --->	10/13/95		10/13/95		10/13/95		10/13/95		10/13/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5506S	VAL	L5510S	VAL
7429-90-5	Aluminum (Al)	8980.		8160.		7880.		6750.		4570.		9370.	
7440-36-0	Antimony (Sb)	12.2	U	10.8	U	12.1	U	10.9	U	12.1	U	11.6	UJ
7440-38-2	Arsenic (As)	2.2	J	6.5		1.1	J	5.		0.95	U	3.8	
7440-39-3	Barium (Ba)	23.7	J	37.	J	15.5	J	29.3	J	13.2	J	10.7	J
7440-41-7	Beryllium (Be)	0.24	U	0.24	J	0.24	U	0.21	U	0.24	U	0.23	U
7440-43-9	Cadmium (Cd)	0.96	U	0.85	U	0.95	U	0.86	U	0.95	U	1.1	U
7440-70-2	Calcium (Ca)	1260.	J	33000.	J	2850.	J	6970.	J	888.	J	4270.	
7440-47-3	Chromium (Cr)	10.		15.8		9.8		10.2		7.5		19.9	
7440-48-4	Cobalt (Co)	2.1	J	3.5	J	2.3	J	1.8	J	1.4	U	1.4	J
7440-50-8	Copper (Cu)	2.1	J	13.1		2.2	J	13.1		0.88	J	1.6	J
7439-89-6	Iron (Fe)	6770.		8200.		4730.		10200.		3110.		9390.	
7439-92-1	Lead (Pb)	5.6		47.3		4.4		42.		3.8		9.3	
7439-95-4	Magnesium (Mg)	467.	J	1010.	J	451.	J	431.	J	281.	J	710.	J
7439-96-5	Manganese (Mn)	27.		56.5		10.8		50.9		8.7		11.2	
7439-97-6	Mercury (Hg)	0.12	U	0.11	U	0.12	U	1.4		1.4		0.11	U
7440-02-0	Nickel (Ni)	4.4	J	8.3	J	4.	U	6.	J	4.	U	3.2	U
7440-09-7	Potassium (K)	398.	J	632.	J	262.	J	198.	J	147.	J	289.	U
7782-49-2	Selenium (Se)	0.7	U	0.64	U	0.7	U	0.63	U	0.71	U	0.68	UJ
7440-22-4	Silver (Ag)	0.72	U	0.64	U	0.71	U	0.64	U	0.71	U	0.68	U
7440-23-5	Sodium (Na)	235.	J	219.	J	218.	J	197.	J	202.	J	184.	J
7440-28-0	Thallium (Tl)	0.93	U	0.85	U	0.94	U	0.84	U	0.95	U	0.91	U
7440-62-2	Vanadium (V)	11.9	J	14.7		8.7	J	9.5	J	6.	J	20.5	
7440-66-6	Zinc (Zn)	8.5		33.4		40.4		24.8		7.5		9.6	
7440-31-5	Tin (Sn)	8.8	U	7.8	U	8.8	U	7.9	U	8.7	U	8.4	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-META													
	SAMPLE ID ------->	039-S-B012-02		039-S-B013-01		039-S-B013-02		039-S-B014-01		039-C-B014-01		039-S-B014-02	
	ORIGINAL ID ----->	039SB01202		039SB01301		039SB01302		039SB01401		038CB01401		039SB01402	
	LAB SAMPLE ID --->	L5510-68		L5510-62		L5510-63		L5510-58		L5509-12		L5510-59	
	ID FROM REPORT -->	039SB01202		039SB01301		039SB01302		039SB01401		038CB01401		039SB01402	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/22/95		10/22/95		10/22/95		10/22/95		10/22/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5510S	VAL	L5509S	VAL	L5510S	VAL
7429-90-5	Aluminum (Al)	6910.		12800.		9890.		7600.		8860.		7600.	
7440-36-0	Antimony (Sb)	12.4	UJ	11.6	UJ	12.2	UJ	11.6	UJ	11.3	U	12.3	UJ
7440-38-2	Arsenic (As)	5.1		3.7		2.	J	2.7		2.1	J	1.3	J
7440-39-3	Barium (Ba)	16.7	J	20.1	J	20.8	J	18.4	J	20.2	J	18.4	J
7440-41-7	Beryllium (Be)	0.24	U	0.23	U	0.24	U	0.23	U	0.22	U	0.24	U
7440-43-9	Cadmium (Cd)	1.2	U	1.1	U	1.2	U	1.1	U	1.1	U	1.2	U
7440-70-2	Calcium (Ca)	274.	J	7070.		791.	J	3960.		4410.		766.	J
7440-47-3	Chromium (Cr)	14.2		23.6		18.1		10.7		11.2		12.2	
7440-48-4	Cobalt (Co)	1.9	J	2.4	J	1.6	J	2.5	J	1.3	U	1.5	J
7440-50-8	Copper (Cu)	1.7	J	2.2	J	4.5	J	2.3	J	1.8	J	1.8	J
7439-89-6	Iron (Fe)	9900.		11100.		8780.		6070.		6360.		4810.	
7439-92-1	Lead (Pb)	3.1		10.8		5.1		6.6		5.3		4.2	
7439-95-4	Magnesium (Mg)	484.	J	994.	J	830.	J	595.	J	673.	J	634.	J
7439-96-5	Manganese (Mn)	5.6		17.4		12.5		31.9		15.6		11.1	
7439-97-6	Mercury (Hg)	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
7440-02-0	Nickel (Ni)	3.4	U	5.1	J	3.3	U	3.3	J	4.5	J	3.6	J
7440-09-7	Potassium (K)	361.	U	561.	U	408.	U	385.	U	209.	J	386.	U
7782-49-2	Selenium (Se)	0.73	U	0.73	J	0.73	U	0.68	J	0.68	U	0.74	UJ
7440-22-4	Silver (Ag)	0.73	U	0.68	U	0.71	U	0.68	U	1.1	U	0.72	U
7440-23-5	Sodium (Na)	211.	J	232.	J	243.	J	199.	J	170.	J	223.	J
7440-28-0	Thallium (Tl)	0.97	U	0.91	U	0.97	U	0.91	U	0.91	U	0.99	U
7440-62-2	Vanadium (V)	15.2	J	21.2		18.9	J	11.2	J	8.5	J	9.2	J
7440-66-6	Zinc (Zn)	7.2		14.6		30.		11.		11.3		8.2	
7440-31-5	Tin (Sn)	9.	U	8.4	U	8.8	U	8.4	U	8.2	U	8.9	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-S-B015-01		039-S-B015-02				
	ORIGINAL ID ----->	039SB01501		039SB01502				
	LAB SAMPLE ID --->	L5510-60		L5510-61				
	ID FROM REPORT -->	039SB01501		039SB01502				
	SAMPLE DATE ----->	10/03/95		10/03/95				
	DATE EXTRACTED -->	10/11/95		10/11/95				
	DATE ANALYZED --->	10/22/95		10/22/95				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	L5510S	VAL	L5510S	VAL			
7429-90-5	Aluminum (Al)	5740.		7560.				
7440-36-0	Antimony (Sb)	11.6	UJ	13.1	UJ			
7440-38-2	Arsenic (As)	3.9		2.3	J			
7440-39-3	Barium (Ba)	14.8	J	23.	J			
7440-41-7	Beryllium (Be)	0.23	U	0.26	U			
7440-43-9	Cadmium (Cd)	1.1	U	1.3	U			
7440-70-2	Calcium (Ca)	1870.		539.	J			
7440-47-3	Chromium (Cr)	8.4		12.7				
7440-48-4	Cobalt (Co)	1.4	U	2.	J			
7440-50-8	Copper (Cu)	1.5	J	2.6	J			
7439-89-6	Iron (Fe)	5740.		5850.				
7439-92-1	Lead (Pb)	4.		3.3				
7439-95-4	Magnesium (Mg)	286.	J	678.	J			
7439-96-5	Manganese (Mn)	11.3		7.8				
7439-97-6	Mercury (Hg)	0.12	U	0.13	U			
7440-02-0	Nickel (Ni)	3.2	U	4.4	J			
7440-09-7	Potassium (K)	256.	U	617.	U			
7782-49-2	Selenium (Se)	0.69	U	0.79	U			
7440-22-4	Silver (Ag)	0.68	U	0.77	U			
7440-23-5	Sodium (Na)	195.	J	206.	J			
7440-28-0	Thallium (Tl)	0.92	U	1.	U			
7440-62-2	Vanadium (V)	11.5	J	16.1	J			
7440-66-6	Zinc (Zn)	4.9		7.9				
7440-31-5	Tin (Sn)	8.4	U	9.5	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-PEST													
	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-S-B003-02	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	LAB SAMPLE ID --->	L5506-23		L5506-24		L5506-21		L5506-22		L5510-41		L5510-42	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/14/95		10/14/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
319-85-7	beta-BHC	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
319-86-8	delta-BHC	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
76-44-8	Heptachlor	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
309-00-2	Aldrin	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
959-98-8	Endosulfan I	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	9.4	U	2.	U	2.	U	2.	U
72-55-9	4,4'-DDE	3.6	U	4.	U	18.	U	4.	U	35.		4.	U
50-29-3	4,4'-DDT	3.6	U	4.	U	18.	U	4.	U	41.	U	4.	U
60-57-1	Dieldrin	3.6	U	4.	U	18.	U	4.	U	4.	U	4.	U
72-20-8	Endrin	3.6	U	4.	U	18.	U	4.	U	4.	U	4.	U
33213-65-9	Endosulfan II	3.6	U	4.	U	18.	U	4.	U	4.	U	4.	U
72-54-8	4,4'-DDD	3.6	U	4.	U	18.	U	4.	U	5.		4.	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	18.	U	4.	U	4.	U	4.	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	18.	U	4.	U	4.	U	4.	U
72-43-5	Methoxychlor	19.	U	20.	U	94.	U	20.	U	20.	U	20.	U
8001-35-2	Toxaphene	190.	U	200.	U	940.	U	200.	U	200.	U	200.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	72.	U	16.	U	16.	U	16.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	1100.		16.	U	16.	U	16.	U
57-74-9	Chlordane	44.	U	48.	U	220.	U	48.	U	48.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01		039-S-B006-02	
	ORIGINAL ID ----->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	LAB SAMPLE ID --->	L5506-29		L5506-30		L5506-27		L5506-28		L5506-25		L5506-26	
	ID FROM REPORT -->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/14/95		10/14/95		10/14/95		10/14/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/23/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
319-85-7	beta-BHC	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
319-86-8	delta-BHC	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
76-44-8	Heptachlor	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
309-00-2	Aldrin	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	2.	UJ	2.	U	24.	J	2.	U
959-98-8	Endosulfan I	1.9	U	2.	U	2.	UJ	2.	U	2.	UJ	2.	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	2.	UJ	2.	U	10.	J	2.	U
72-55-9	4,4'-DDE	53.	J	4.	U	4.	UJ	4.	U	9.3	J	4.	U
50-29-3	4,4'-DDT	18.		4.	U	4.	UJ	4.	U	4.	UJ	4.	U
60-57-1	Dieldrin	3.6	U	4.	U	4.	UJ	4.	U	4.	UJ	4.	U
72-20-8	Endrin	3.6	U	4.	U	4.	UJ	4.	U	4.	UJ	4.	U
33213-65-9	Endosulfan II	3.6	U	4.	U	4.	UJ	4.	U	4.	UJ	4.	U
72-54-8	4,4'-DDD	3.6	U	4.	U	4.	UJ	4.	U	22.	J	4.	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	4.	UJ	4.	U	4.	UJ	4.	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	4.	UJ	4.	U	4.	UJ	4.	U
72-43-5	Methoxychlor	19.	U	20.	U	20.	UJ	20.	U	20.	UJ	20.	U
8001-35-2	Toxaphene	190.	U	200.	U	200.	UJ	200.	U	200.	UJ	200.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	16.	UJ	16.	U	16.	UJ	16.	U
57-74-9	Chlordane	44.	U	48.	UJ	48.	UJ	48.	U	48.	UJ	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-PEST													
	SAMPLE ID ------->	039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01		039-S-B009-02	
	ORIGINAL ID ----->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	LAB SAMPLE ID --->	L5506-33		L5506-34		L5506-31		L5506-32		L5506-37		L5506-38	
	ID FROM REPORT -->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/14/95		10/14/95		10/14/95		10/14/95	
	DATE ANALYZED --->	10/23/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
319-85-7	beta-BHC	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
319-86-8	delta-BHC	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
76-44-8	Heptachlor	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
309-00-2	Aldrin	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
959-98-8	Endosulfan I	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	2.	U	2.	UJ	1.9	U	2.	U
72-55-9	4,4'-DDE	3.6	U	4.	U	4.	U	4.	UJ	3.6	U	4.	U
50-29-3	4,4'-DDT	3.6	U	4.	U	4.	U	4.	UJ	8.4		4.	U
60-57-1	Dieldrin	3.6	U	4.	U	4.	U	4.	UJ	3.6	U	4.	U
72-20-8	Endrin	3.6	U	4.	U	4.	U	4.	UJ	3.6	U	4.	U
33213-65-9	Endosulfan II	3.6	U	4.	U	4.	U	4.	UJ	3.6	U	4.	U
72-54-8	4,4'-DDD	3.6	U	4.	U	4.	U	4.	UJ	9.6		4.5	
7421-93-4	Endrin aldehyde	3.6	U	4.	U	4.	U	4.	UJ	6.7		4.	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	4.	U	4.	UJ	3.6	U	4.	U
72-43-5	Methoxychlor	19.	U	20.	U	20.	U	20.	UJ	19.	U	20.	U
8001-35-2	Toxaphene	190.	U	200.	U	200.	U	200.	UJ	190.	U	200.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	16.	U	16.	UJ	14.	U	16.	U
11096-82-5	Aroclor-1260	98.		16.	U	26.		16.	UJ	14.	U	16.	U
57-74-9	Chlordane	44.	U	48.	U	48.	U	48.	UJ	44.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01		039-S-B012-02	
	ORIGINAL ID ----->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	LAB SAMPLE ID --->	L5506-35		L5506-36		L5506-39		L5506-40		L5510-43		L5510-46	
	ID FROM REPORT -->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/14/95		10/14/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/18/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
319-85-7	beta-BHC	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
319-86-8	delta-BHC	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
76-44-8	Heptachlor	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
309-00-2	Aldrin	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
959-98-8	Endosulfan I	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	1.9	U	2.	UJ	1.9	U	2.	U
72-55-9	4,4'-DDE	4.9	J	4.	U	9.9	J	4.	UJ	3.6	U	4.	U
50-29-3	4,4'-DDT	3.6	U	4.	U	11.		520.	J	3.6	U	4.	U
60-57-1	Dieldrin	3.6	U	4.	U	3.6	U	4.	UJ	3.6	U	4.	U
72-20-8	Endrin	3.6	U	4.	U	3.6	U	4.	UJ	3.6	U	4.	U
33213-65-9	Endosulfan II	3.6	U	4.	U	3.6	U	4.	UJ	3.6	U	4.	U
72-54-8	4,4'-DDD	6.9		4.	U	16.		4.	UJ	3.6	U	4.	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	3.6	U	4.	UJ	3.6	U	4.	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	3.6	U	4.	UJ	3.6	U	4.	U
72-43-5	Methoxychlor	19.	U	20.	U	19.	U	20.	UJ	19.	U	20.	U
8001-35-2	Toxaphene	190.	U	200.	U	190.	U	200.	UJ	190.	U	200.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	14.	U	16.	UJ	14.	U	16.	U
57-74-9	Chlordane	44.	U	48.	U	44.	U	48.	UJ	44.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-PEST													
	SAMPLE ID ------->	039-S-B013-01		039-S-B013-02		039-S-B014-01		039-S-B014-02		039-S-B015-01		039-S-B015-02	
	ORIGINAL ID ----->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	LAB SAMPLE ID --->	L5510-39		L5510-40		L5510-35		L5510-36		L5510-37		L5510-38	
	ID FROM REPORT -->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
319-84-6	alpha-BHC	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
319-85-7	beta-BHC	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
319-86-8	delta-BHC	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
76-44-8	Heptachlor	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
309-00-2	Aldrin	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
5103-74-2	gamma-Chlordane	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
959-98-8	Endosulfan I	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
5103-71-9	alpha-Chlordane	1.9	U	2.	UJ	1.9	U	2.	U	1.9	U	2.2	U
72-55-9	4,4'-DDE	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
50-29-3	4,4'-DDT	3.6	U	20.	UJ	5.3	U	4.	U	17.	U	4.3	U
60-57-1	Dieldrin	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
72-20-8	Endrin	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
33213-65-9	Endosulfan II	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
72-54-8	4,4'-DDD	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
7421-93-4	Endrin aldehyde	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	UJ	3.6	U	4.	U	3.6	U	4.3	U
72-43-5	Methoxychlor	19.	U	20.	UJ	19.	U	20.	U	19.	U	22.	U
8001-35-2	Toxaphene	190.	U	200.	UJ	190.	U	200.	U	190.	U	220.	U
12674-11-2	Aroclor-1016	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
11104-28-2	Aroclor-1221	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
11141-16-5	Aroclor-1232	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
53469-21-9	Aroclor-1242	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
12672-29-6	Aroclor-1248	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
11097-69-1	Aroclor-1254	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
11096-82-5	Aroclor-1260	14.	U	16.	UJ	14.	U	16.	U	14.	U	17.	U
57-74-9	Chlordane	44.	U	48.	UJ	44.	U	48.	U	44.	U	52.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	039-S-B016-01		039-S-B017-01		039-S-B018-01		039-S-B020-01		039-S-B025-01	
	ORIGINAL ID ----->	039SB01601		039SB01701		039SB01801		039SB02001		039SB02501	
	LAB SAMPLE ID --->	25080.01		25080.05		25080.07		25080.11		25061.09	
	ID FROM REPORT -->	039SB01601		039SB01701		039SB01801		039SB02001		039SB02501	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/26/96	
	DATE EXTRACTED -->	03/29/96		03/29/96		03/29/96		03/29/96		03/28/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25061	VAL
319-84-6	alpha-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
319-85-7	beta-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.5	U	1.4	U	1.5	U	2.	J
309-00-2	Aldrin	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
5103-74-2	gamma-Chlordane	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
959-98-8	Endosulfan I	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U
5103-71-9	alpha-Chlordane	1.8	J	1.5	U	1.4	U	1.5	U	1.5	U
72-55-9	4,4'-DDE	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
50-29-3	4,4'-DDT	17.	J	3.	U	2.8	U	2.8	U	3.6	J
60-57-1	Dieldrin	13.	J	3.	U	2.8	U	2.8	U	2.8	U
72-20-8	Endrin	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
33213-65-9	Endosulfan II	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
72-54-8	4,4'-DDD	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
7421-93-4	Endrin aldehyde	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
1031-07-8	Endosulfan sulfate	2.6	U	3.	U	2.8	U	2.8	U	2.8	U
72-43-5	Methoxychlor	14.	U	15.	U	14.	U	15.	U	15.	U
8001-35-2	Toxaphene	88.	U	99.	U	92.	U	94.	U	94.	U
12674-11-2	Aroclor-1016	35.	U	39.	U	37.	U	38.	U	38.	U
11104-28-2	Aroclor-1221	35.	U	39.	U	37.	U	38.	U	38.	U
11141-16-5	Aroclor-1232	35.	U	39.	U	37.	U	38.	U	38.	U
53469-21-9	Aroclor-1242	35.	U	39.	U	37.	U	38.	U	38.	U
12672-29-6	Aroclor-1248	35.	U	39.	U	37.	U	38.	U	38.	U
11097-69-1	Aroclor-1254	71.	U	80.	U	74.	U	76.	U	76.	U
11096-82-5	Aroclor-1260	71.	U	80.	U	74.	U	76.	U	76.	U
57-74-9	Chlordane	105.	U	117.	U	111.	U	114.	U	114.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA															
	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-S-B003-02	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	LAB SAMPLE ID --->	L5506-23		L5506-24		L5506-21		L5506-22		L5510-41		L5510-42	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/14/95		10/15/95		10/21/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
108-95-2	Phenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
111-44-4	bis(2-Chloroethyl)ether	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
95-57-8	2-Chlorophenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
541-73-1	1,3-Dichlorobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
106-46-7	1,4-Dichlorobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
100-51-6	Benzyl alcohol	1500.	U	1600.	U	1500.	U	1500.	U	1500.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
95-48-7	2-Methylphenol (o-Cresol)	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
621-64-7	N-Nitroso-di-n-propylamine	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
67-72-1	Hexachloroethane	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
98-95-3	Nitrobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
78-59-1	Isophorone	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
88-75-5	2-Nitrophenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
105-67-9	2,4-Dimethylphenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
65-85-0	Benzoic acid	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
111-91-1	bis(2-Chloroethoxy)methane	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
120-83-2	2,4-Dichlorophenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
120-82-1	1,2,4-Trichlorobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
91-20-3	Naphthalene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
106-47-8	4-Chloroaniline	1500.	U	1600.	U	1500.	U	1500.	U	1500.	U	1500.	U
87-68-3	Hexachlorobutadiene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U	1500.	U	1500.	U	1500.	U	1500.	U
91-57-6	2-Methylnaphthalene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
77-47-4	Hexachlorocyclopentadiene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
88-06-2	2,4,6-Trichlorophenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
95-95-4	2,4,5-Trichlorophenol	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
91-58-7	2-Chloronaphthalene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
88-74-4	2-Nitroaniline	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
131-11-3	Dimethyl phthalate	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
208-96-8	Acenaphthylene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
606-20-2	2,6-Dinitrotoluene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
99-09-2	3-Nitroaniline	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
83-32-9	Acenaphthene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
51-28-5	2,4-Dinitrophenol	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
100-02-7	4-Nitrophenol	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-S-B003-02	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	LAB SAMPLE ID --->	L5506-23		L5506-24		L5506-21		L5506-22		L5510-41		L5510-42	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/14/95		10/15/95		10/21/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
132-64-9	Dibenzofuran	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
121-14-2	2,4-Dinitrotoluene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
84-66-2	Diethylphthalate	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
7005-72-3	4-Chlorophenylphenylether	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
86-73-7	Fluorene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
100-01-6	4-Nitroaniline	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
86-30-6	N-Nitrosodiphenylamine	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
101-55-3	4-Bromophenyl-phenylether	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
118-74-1	Hexachlorobenzene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
87-86-5	Pentachlorophenol	3900.	U	4100.	U	3700.	U	3900.	U	3800.	U	3900.	U
85-01-8	Phenanthrene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
120-12-7	Anthracene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
86-74-8	Carbazole	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
84-74-2	Di-n-butylphthalate	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
206-44-0	Fluoranthene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
129-00-0	Pyrene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
85-68-7	Butylbenzylphthalate	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1500.	U	1500.	U	1500.	U	1500.	U
56-55-3	Benzo(a)anthracene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
218-01-9	Chrysene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
117-84-0	Di-n-octyl phthalate	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
205-99-2	Benzo(b)fluoranthene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
207-08-9	Benzo(k)fluoranthene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
50-32-8	Benzo(a)pyrene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
193-39-5	Indeno(1,2,3-cd)pyrene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
53-70-3	Dibenz(a,h)anthracene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
191-24-2	Benzo(g,h,i)perylene	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
106-44-5	4-Methylphenol (p-Cresol)	770.	U	820.	U	750.	U	780.	U	770.	U	790.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA															
	SAMPLE ID ------->	039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01		039-S-B006-02	
	ORIGINAL ID ----->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	LAB SAMPLE ID --->	L5506-29		L5506-30		L5506-27		L5506-28		L5506-25		L5506-26	
	ID FROM REPORT -->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
108-95-2	Phenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
111-44-4	bis(2-Chloroethyl)ether	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
95-57-8	2-Chlorophenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
541-73-1	1,3-Dichlorobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
106-46-7	1,4-Dichlorobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
100-51-6	Benzyl alcohol	1500.	U	1600.	U	1600.	U	1600.	U	1600.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
95-48-7	2-Methylphenol (o-Cresol)	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
621-64-7	N-Nitroso-di-n-propylamine	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
67-72-1	Hexachloroethane	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
98-95-3	Nitrobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
78-59-1	Isophorone	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
88-75-5	2-Nitrophenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
105-67-9	2,4-Dimethylphenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
65-85-0	Benzoic acid	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
111-91-1	bis(2-Chloroethoxy)methane	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
120-83-2	2,4-Dichlorophenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
120-82-1	1,2,4-Trichlorobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
91-20-3	Naphthalene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
106-47-8	4-Chloroaniline	1500.	U	1600.	U	1600.	U	1600.	U	1600.	U	1500.	U
87-68-3	Hexachlorobutadiene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U	1600.	U	1600.	U	1600.	U	1500.	U
91-57-6	2-Methylnaphthalene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
77-47-4	Hexachlorocyclopentadiene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
88-06-2	2,4,6-Trichlorophenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
95-95-4	2,4,5-Trichlorophenol	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
91-58-7	2-Chloronaphthalene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
88-74-4	2-Nitroaniline	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
131-11-3	Dimethyl phthalate	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
208-96-8	Acenaphthylene	740.	U	810.	U	730.	J	790.	U	800.	U	770.	U
606-20-2	2,6-Dinitrotoluene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
99-09-2	3-Nitroaniline	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
83-32-9	Acenaphthene	740.	U	810.	U	300.	J	790.	U	800.	U	770.	U
51-28-5	2,4-Dinitrophenol	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
100-02-7	4-Nitrophenol	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01		039-S-B006-02	
	ORIGINAL ID ----->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	LAB SAMPLE ID --->	L5506-29		L5506-30		L5506-27		L5506-28		L5506-25		L5506-26	
	ID FROM REPORT -->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
132-64-9	Dibenzofuran	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
121-14-2	2,4-Dinitrotoluene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
84-66-2	Diethylphthalate	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
7005-72-3	4-Chlorophenylphenylether	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
86-73-7	Fluorene	740.	U	810.	U	320.	J	790.	U	800.	U	770.	U
100-01-6	4-Nitroaniline	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
86-30-6	N-Nitrosodiphenylamine	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
101-55-3	4-Bromophenyl-phenylether	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
118-74-1	Hexachlorobenzene	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
87-86-5	Pentachlorophenol	3700.	U	4000.	U	4000.	U	4000.	U	4000.	U	3800.	U
85-01-8	Phenanthrene	740.	U	810.	U	6500.		790.	U	800.	U	770.	U
120-12-7	Anthracene	740.	U	810.	U	1100.		790.	U	800.	U	770.	U
86-74-8	Carbazole	740.	U	810.	U	960.		790.	U	800.	U	770.	U
84-74-2	Di-n-butylphthalate	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
206-44-0	Fluoranthene	740.	U	810.	U	15000.	UR	790.	U	800.	U	770.	U
129-00-0	Pyrene	740.	U	810.	U	11000.		790.	U	800.	U	770.	U
85-68-7	Butylbenzylphthalate	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1600.	U	1600.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	740.	U	810.	U	4000.		790.	U	800.	U	770.	U
218-01-9	Chrysene	740.	U	810.	U	6900.		790.	U	800.	U	770.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
117-84-0	Di-n-octyl phthalate	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
205-99-2	Benzo(b)fluoranthene	740.	U	810.	U	6200.		790.	U	800.	U	770.	U
207-08-9	Benzo(k)fluoranthene	740.	U	810.	U	3800.		790.	U	800.	U	770.	U
50-32-8	Benzo(a)pyrene	740.	U	810.	U	3500.		790.	U	800.	U	770.	U
193-39-5	Indeno(1,2,3-cd)pyrene	740.	U	810.	U	2700.		790.	U	800.	U	770.	U
53-70-3	Dibenz(a,h)anthracene	740.	U	810.	U	950.		790.	U	800.	U	770.	U
191-24-2	Benzo(g,h,i)perylene	740.	U	810.	U	2900.		790.	U	800.	U	770.	U
106-44-5	4-Methylphenol (p-Cresol)	740.	U	810.	U	810.	U	790.	U	800.	U	770.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

1846-SVOA													
	SAMPLE ID ------->	039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01		039-S-B009-02 RE	
	ORIGINAL ID ----->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	LAB SAMPLE ID --->	L5506-33		L5506-34		L5506-31		L5506-32		L5506-37		L5506-38RE	
	ID FROM REPORT -->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
108-95-2	Phenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
111-44-4	bis(2-Chloroethyl)ether	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
95-57-8	2-Chlorophenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
541-73-1	1,3-Dichlorobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
106-46-7	1,4-Dichlorobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
100-51-6	Benzyl alcohol	1400.	U	1500.	U	1600.	U	1500.	U	1400.	U	1500.	UJ
95-50-1	1,2-Dichlorobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
95-48-7	2-Methylphenol (o-Cresol)	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
39638-32-9	Bis(2-Chloroisopropyl)Ether	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
621-64-7	N-Nitroso-di-n-propylamine	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
67-72-1	Hexachloroethane	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
98-95-3	Nitrobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
78-59-1	Isophorone	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
88-75-5	2-Nitrophenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
105-67-9	2,4-Dimethylphenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
65-85-0	Benzoic acid	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
111-91-1	bis(2-Chloroethoxy)methane	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
120-83-2	2,4-Dichlorophenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
120-82-1	1,2,4-Trichlorobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
91-20-3	Naphthalene	730.	U	780.	U	810.	U	47000.	UR	720.	U	770.	UJ
106-47-8	4-Chloroaniline	1400.	U	1500.	U	1600.	U	1500.	U	1400.	U	1500.	UJ
87-68-3	Hexachlorobutadiene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
59-50-7	4-Chloro-3-methylphenol	1400.	U	1500.	U	1600.	U	1500.	U	1400.	U	1500.	UJ
91-57-6	2-Methylnaphthalene	730.	U	780.	U	730.	J	150000.	UR	720.	U	770.	UJ
77-47-4	Hexachlorocyclopentadiene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
88-06-2	2,4,6-Trichlorophenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
95-95-4	2,4,5-Trichlorophenol	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
91-58-7	2-Chloronaphthalene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
88-74-4	2-Nitroaniline	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
131-11-3	Dimethyl phthalate	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
208-96-8	Acenaphthylene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
606-20-2	2,6-Dinitrotoluene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
99-09-2	3-Nitroaniline	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
83-32-9	Acenaphthene	730.	U	780.	U	810.	U	4300.		720.	U	770.	UJ
51-28-5	2,4-Dinitrophenol	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
100-02-7	4-Nitrophenol	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01		039-S-B009-02 RE	
	ORIGINAL ID ----->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	LAB SAMPLE ID --->	L5506-33		L5506-34		L5506-31		L5506-32		L5506-37		L5506-38RE	
	ID FROM REPORT -->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
132-64-9	Dibenzofuran	730.	U	780.	U	810.	U	6700.		720.	U	770.	UJ
121-14-2	2,4-Dinitrotoluene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
84-66-2	Diethylphthalate	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
7005-72-3	4-Chlorophenylphenylether	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
86-73-7	Fluorene	730.	U	780.	U	810.	U	10000.		720.	U	770.	UJ
100-01-6	4-Nitroaniline	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
86-30-6	N-Nitrosodiphenylamine	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
101-55-3	4-Bromophenyl-phenylether	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
118-74-1	Hexachlorobenzene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
87-86-5	Pentachlorophenol	3700.	U	3900.	U	4000.	U	3800.	U	3600.	U	3900.	UJ
85-01-8	Phenanthrene	730.	U	780.	U	300.	J	12000.		720.	U	770.	UJ
120-12-7	Anthracene	730.	U	780.	U	810.	U	1100.		720.	U	770.	UJ
86-74-8	Carbazole	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
84-74-2	Di-n-butylphthalate	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
206-44-0	Fluoranthene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
129-00-0	Pyrene	730.	U	780.	U	810.	U	890.		720.	U	770.	UJ
85-68-7	Butylbenzylphthalate	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1500.	U	1600.	U	1500.	U	1400.	U	1500.	UJ
56-55-3	Benzo(a)anthracene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
218-01-9	Chrysene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	730.	U	780.	U	810.	U	770.	U	210.	J	770.	UJ
117-84-0	Di-n-octyl phthalate	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
205-99-2	Benzo(b)fluoranthene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
207-08-9	Benzo(k)fluoranthene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
50-32-8	Benzo(a)pyrene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
53-70-3	Dibenz(a,h)anthracene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
191-24-2	Benzo(g,h,i)perylene	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
106-44-5	4-Methylphenol (p-Cresol)	730.	U	780.	U	810.	U	770.	U	720.	U	770.	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA													
	SAMPLE ID ------->	039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01		039-S-B012-02	
	ORIGINAL ID ----->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	LAB SAMPLE ID --->	L5506-35		L5506-36		L5506-39		L5506-40		L5510-43		L5510-46	
	ID FROM REPORT -->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/21/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
108-95-2	Phenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
111-44-4	bis(2-Chloroethyl)ether	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
95-57-8	2-Chlorophenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
541-73-1	1,3-Dichlorobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
106-46-7	1,4-Dichlorobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
100-51-6	Benzyl alcohol	1400.	U	1500.	U	1400.	U	1600.	U	1500.	U	1600.	U
95-50-1	1,2-Dichlorobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
95-48-7	2-Methylphenol (o-Cresol)	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
621-64-7	N-Nitroso-di-n-propylamine	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
67-72-1	Hexachloroethane	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
98-95-3	Nitrobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
78-59-1	Isophorone	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
88-75-5	2-Nitrophenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
105-67-9	2,4-Dimethylphenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
65-85-0	Benzoic acid	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
111-91-1	bis(2-Chloroethoxy)methane	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
120-83-2	2,4-Dichlorophenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
120-82-1	1,2,4-Trichlorobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
91-20-3	Naphthalene	710.	U	780.	U	1100.		40000.	UR	750.	U	790.	U
106-47-8	4-Chloroaniline	1400.	U	1500.	U	1400.	U	1600.	U	1500.	U	1600.	U
87-68-3	Hexachlorobutadiene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
59-50-7	4-Chloro-3-methylphenol	1400.	U	1500.	U	1400.	U	1600.	U	1500.	U	1600.	U
91-57-6	2-Methylnaphthalene	710.	U	780.	U	1700.		140000.	UR	750.	U	790.	U
77-47-4	Hexachlorocyclopentadiene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
88-06-2	2,4,6-Trichlorophenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
95-95-4	2,4,5-Trichlorophenol	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
91-58-7	2-Chloronaphthalene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
88-74-4	2-Nitroaniline	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
131-11-3	Dimethyl phthalate	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
208-96-8	Acenaphthylene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
606-20-2	2,6-Dinitrotoluene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
99-09-2	3-Nitroaniline	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
83-32-9	Acenaphthene	710.	U	780.	U	710.	U	2800.		750.	U	790.	U
51-28-5	2,4-Dinitrophenol	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
100-02-7	4-Nitrophenol	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01		039-S-B012-02	
	ORIGINAL ID ----->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	LAB SAMPLE ID --->	L5506-35		L5506-36		L5506-39		L5506-40		L5510-43		L5510-46	
	ID FROM REPORT -->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/21/95		10/22/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
132-64-9	Dibenzofuran	710.	U	780.	U	710.	U	4800.		750.	U	790.	U
121-14-2	2,4-Dinitrotoluene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
84-66-2	Diethylphthalate	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
7005-72-3	4-Chlorophenylphenylether	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
86-73-7	Fluorene	710.	U	780.	U	710.	U	7400.		750.	U	790.	U
100-01-6	4-Nitroaniline	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
86-30-6	N-Nitrosodiphenylamine	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
101-55-3	4-Bromophenyl-phenylether	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
118-74-1	Hexachlorobenzene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
87-86-5	Pentachlorophenol	3600.	U	3900.	U	3600.	U	4000.	U	3800.	U	4000.	U
85-01-8	Phenanthrene	710.	U	780.	U	200.	J	14000.	J	750.	U	790.	U
120-12-7	Anthracene	710.	U	780.	U	710.	U	1500.		750.	U	790.	U
86-74-8	Carbazole	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
84-74-2	Di-n-butylphthalate	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
206-44-0	Fluoranthene	710.	U	780.	U	350.	J	380.	J	750.	U	790.	U
129-00-0	Pyrene	710.	U	780.	U	290.	J	1200.		750.	U	790.	U
85-68-7	Butylbenzylphthalate	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1500.	U	1400.	U	1600.	U	1500.	U	1600.	U
56-55-3	Benzo(a)anthracene	710.	U	780.	U	150.	J	810.	U	750.	U	790.	U
218-01-9	Chrysene	710.	U	780.	U	170.	J	150.	J	750.	U	790.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	710.	U	780.	U	6200.		810.	U	750.	U	790.	U
117-84-0	Di-n-octyl phthalate	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
205-99-2	Benzo(b)fluoranthene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
207-08-9	Benzo(k)fluoranthene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
50-32-8	Benzo(a)pyrene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
193-39-5	Indeno(1,2,3-cd)pyrene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
53-70-3	Dibenz(a,h)anthracene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
191-24-2	Benzo(g,h,i)perylene	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
106-44-5	4-Methylphenol (p-Cresol)	710.	U	780.	U	710.	U	810.	U	750.	U	790.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-SVOA

	SAMPLE ID ------->	039-S-B013-01		039-S-B013-02		039-S-B014-01		039-S-B014-02		039-S-B015-01		039-S-B015-02	
	ORIGINAL ID ----->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	LAB SAMPLE ID --->	L5510-39		L5510-40		L5510-35		L5510-36		L5510-37		L5510-38	
	ID FROM REPORT -->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/21/95		10/22/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
108-95-2	Phenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
111-44-4	bis(2-Chloroethyl)ether	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
95-57-8	2-Chlorophenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
541-73-1	1,3-Dichlorobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
106-46-7	1,4-Dichlorobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
100-51-6	Benzyl alcohol	1500.	U	1600.	U	1500.	U	1600.	U	1500.	U	1700.	U
95-50-1	1,2-Dichlorobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
95-48-7	2-Methylphenol (o-Cresol)	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
621-64-7	N-Nitroso-di-n-propylamine	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
67-72-1	Hexachloroethane	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
98-95-3	Nitrobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
78-59-1	Isophorone	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
88-75-5	2-Nitrophenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
105-67-9	2,4-Dimethylphenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
65-85-0	Benzoic acid	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
111-91-1	bis(2-Chloroethoxy)methane	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
120-83-2	2,4-Dichlorophenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
120-82-1	1,2,4-Trichlorobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
91-20-3	Naphthalene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
106-47-8	4-Chloroaniline	1500.	U	1600.	U	1500.	U	1600.	U	1500.	U	1700.	U
87-68-3	Hexachlorobutadiene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U	1500.	U	1600.	U	1500.	U	1700.	U
91-57-6	2-Methylnaphthalene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
77-47-4	Hexachlorocyclopentadiene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
88-06-2	2,4,6-Trichlorophenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
95-95-4	2,4,5-Trichlorophenol	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
91-58-7	2-Chloronaphthalene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
88-74-4	2-Nitroaniline	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
131-11-3	Dimethyl phthalate	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
208-96-8	Acenaphthylene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
606-20-2	2,6-Dinitrotoluene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
99-09-2	3-Nitroaniline	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
83-32-9	Acenaphthene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
51-28-5	2,4-Dinitrophenol	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
100-02-7	4-Nitrophenol	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA													
	SAMPLE ID ------->	039-S-B013-01		039-S-B013-02		039-S-B014-01		039-S-B014-02		039-S-B015-01		039-S-B015-02	
	ORIGINAL ID ----->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	LAB SAMPLE ID --->	L5510-39		L5510-40		L5510-35		L5510-36		L5510-37		L5510-38	
	ID FROM REPORT -->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/21/95		10/22/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
132-64-9	Dibenzofuran	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
121-14-2	2,4-Dinitrotoluene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
84-66-2	Diethylphthalate	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
7005-72-3	4-Chlorophenylphenylether	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
86-73-7	Fluorene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
100-01-6	4-Nitroaniline	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
86-30-6	N-Nitrosodiphenylamine	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
101-55-3	4-Bromophenyl-phenylether	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
118-74-1	Hexachlorobenzene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
87-86-5	Pentachlorophenol	3700.	U	4000.	U	3700.	U	4000.	U	3800.	U	4300.	U
85-01-8	Phenanthrene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
120-12-7	Anthracene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
86-74-8	Carbazole	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
84-74-2	Di-n-butylphthalate	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
206-44-0	Fluoranthene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
129-00-0	Pyrene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
85-68-7	Butylbenzylphthalate	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1500.	U	1600.	U	1500.	U	1700.	U
56-55-3	Benzo(a)anthracene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
218-01-9	Chrysene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
117-84-0	Di-n-octyl phthalate	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
205-99-2	Benzo(b)fluoranthene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
207-08-9	Benzo(k)fluoranthene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
50-32-8	Benzo(a)pyrene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
193-39-5	Indeno(1,2,3-cd)pyrene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
53-70-3	Dibenz(a,h)anthracene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
191-24-2	Benzo(g,h,i)perylene	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
106-44-5	4-Methylphenol (p-Cresol)	740.	U	790.	U	750.	U	810.	U	750.	U	850.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	039-S-B022-01		039-S-B023-01		039-S-B024-01		039-S-B038-01		
ORIGINAL ID ----->	039SB02201		039SB02301		039SB02401		039SB03801		
LAB SAMPLE ID --->	25080.15		25061.11		25080.17		25095.07		
ID FROM REPORT -->	039SB02201		039SB02301		039SB02401		039SB03801		
SAMPLE DATE ----->	03/27/96		03/26/96		03/27/96		03/28/96		
DATE EXTRACTED -->	04/02/96		04/02/96		04/02/96		04/02/96		
DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		04/04/96		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	25080	VAL	25061	VAL	25080	VAL	25095	VAL	
108-95-2 Phenol	350.	U	380.	U	350.	U	360.	U	
111-44-4 bis(2-Chloroethyl)ether	350.	U	380.	U	350.	U	360.	U	
95-57-8 2-Chlorophenol	350.	U	380.	U	350.	U	360.	U	
541-73-1 1,3-Dichlorobenzene	350.	U	380.	U	350.	U	360.	U	
106-46-7 1,4-Dichlorobenzene	350.	U	380.	U	350.	U	360.	U	
100-51-6 Benzyl alcohol	350.	U	380.	U	350.	U	360.	U	
95-50-1 1,2-Dichlorobenzene	350.	U	380.	U	350.	U	360.	U	
95-48-7 2-Methylphenol (o-Cresol)	350.	U	380.	U	350.	U	360.	U	
39638-32-9 Bis(2-Chloroisopropyl)Ether	350.	U	380.	U	350.	U	360.	U	
621-64-7 N-Nitroso-di-n-propylamine	350.	U	380.	U	350.	U	360.	U	
67-72-1 Hexachloroethane	350.	U	380.	U	350.	U	360.	U	
98-95-3 Nitrobenzene	350.	U	380.	U	350.	U	360.	U	
78-59-1 Isophorone	350.	U	380.	U	350.	U	360.	U	
88-75-5 2-Nitrophenol	350.	U	380.	U	350.	U	360.	U	
105-67-9 2,4-Dimethylphenol	350.	U	380.	U	350.	U	360.	U	
65-85-0 Benzoic acid	1700.	U	1800.	U	1700.	U	1700.	U	
111-91-1 bis(2-Chloroethoxy)methane	350.	U	380.	U	350.	U	360.	U	
120-83-2 2,4-Dichlorophenol	350.	U	380.	U	350.	U	360.	U	
120-82-1 1,2,4-Trichlorobenzene	350.	U	380.	U	350.	U	360.	U	
91-20-3 Naphthalene	350.	U	380.	U	91.	J	360.	U	
106-47-8 4-Chloroaniline	350.	U	380.	U	350.	U	360.	U	
87-68-3 Hexachlorobutadiene	350.	U	380.	U	350.	U	360.	U	
59-50-7 4-Chloro-3-methylphenol	350.	U	380.	U	350.	U	360.	U	
91-57-6 2-Methylnaphthalene	350.	U	380.	U	230.	J	360.	U	
77-47-4 Hexachlorocyclopentadiene	350.	U	380.	U	350.	U	360.	U	
88-06-2 2,4,6-Trichlorophenol	350.	U	380.	U	350.	U	360.	U	
95-95-4 2,4,5-Trichlorophenol	1700.	U	1800.	U	1700.	U	1700.	U	
91-58-7 2-Chloronaphthalene	350.	U	380.	U	350.	U	360.	U	
88-74-4 2-Nitroaniline	1700.	U	1800.	U	1700.	U	1700.	U	
131-11-3 Dimethyl phthalate	350.	U	380.	U	350.	U	360.	U	
208-96-8 Acenaphthylene	350.	U	380.	U	350.	U	360.	U	
606-20-2 2,6-Dinitrotoluene	350.	U	380.	U	350.	U	360.	U	
99-09-2 3-Nitroaniline	1700.	U	1800.	U	1700.	U	1700.	U	
83-32-9 Acenaphthene	350.	U	380.	U	350.	U	360.	U	
51-28-5 2,4-Dinitrophenol	1700.	U	1800.	U	1700.	U	1700.	U	
100-02-7 4-Nitrophenol	1700.	U	1800.	U	1700.	U	1700.	U	

*** Validatio.. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	039-S-B022-01		039-S-B023-01		039-S-B024-01		039-S-B038-01		
ORIGINAL ID ----->	039SB02201		039SB02301		039SB02401		039SB03801		
LAB SAMPLE ID --->	25080.15		25061.11		25080.17		25095.07		
ID FROM REPORT -->	039SB02201		039SB02301		039SB02401		039SB03801		
SAMPLE DATE ----->	03/27/96		03/26/96		03/27/96		03/28/96		
DATE EXTRACTED -->	04/02/96		04/02/96		04/02/96		04/02/96		
DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		04/04/96		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	25080	VAL	25061	VAL	25080	VAL	25095	VAL	
132-64-9 Dibenzofuran	350.	U	380.	U	350.	U	360.	U	
121-14-2 2,4-Dinitrotoluene	350.	U	380.	U	350.	U	360.	U	
84-66-2 Diethylphthalate	350.	U	380.	U	350.	U	360.	U	
7005-72-3 4-Chlorophenylphenylether	350.	U	380.	U	350.	U	360.	U	
86-73-7 Fluorene	350.	U	380.	U	350.	U	360.	U	
100-01-6 4-Nitroaniline	1700.	U	1800.	U	1700.	U	1700.	U	
534-52-1 2-Methyl-4,6-Dinitrophenol	1700.	U	1800.	U	1700.	U	1700.	U	
86-30-6 N-Nitrosodiphenylamine	350.	U	380.	U	350.	U	360.	U	
101-55-3 4-Bromophenyl-phenylether	350.	U	380.	U	350.	U	360.	U	
118-74-1 Hexachlorobenzene	350.	U	380.	U	350.	U	360.	U	
87-86-5 Pentachlorophenol	1700.	U	1800.	U	1700.	U	1700.	U	
85-01-8 Phenanthrene	350.	U	380.	U	78.	J	360.	U	
120-12-7 Anthracene	350.	U	380.	U	350.	U	360.	U	
86-74-8 Carbazole	350.	U	380.	U	350.	U	360.	U	
84-74-2 Di-n-butylphthalate	350.	U	380.	U	350.	U	360.	U	
206-44-0 Fluoranthene	350.	U	380.	U	86.	J	360.	U	
129-00-0 Pyrene	350.	U	380.	U	78.	J	360.	U	
85-68-7 Butylbenzylphthalate	44.	J	380.	U	350.	U	360.	U	
91-94-1 3,3'-Dichlorobenzidine	710.	U	750.	U	710.	U	720.	U	
56-55-3 Benzo(a)anthracene	350.	U	380.	U	46.	J	360.	U	
218-01-9 Chrysene	350.	U	380.	U	67.	J	360.	U	
117-81-7 bis(2-Ethylhexyl)phthalate (BEHP)	770.		380.	U	82.	J	360.	U	
117-84-0 Di-n-octyl phthalate	49.	J	380.	U	350.	U	360.	U	
205-99-2 Benzo(b)fluoranthene	350.	U	380.	U	49.	J	360.	U	
207-08-9 Benzo(k)fluoranthene	350.	U	380.	U	39.	J	360.	U	
50-32-8 Benzo(a)pyrene	350.	U	380.	U	350.	U	360.	U	
193-39-5 Indeno(1,2,3-cd)pyrene	350.	U	380.	U	350.	U	360.	U	
53-70-3 Dibenz(a,h)anthracene	350.	U	380.	U	350.	U	360.	U	
191-24-2 Benzo(g,h,i)perylene	350.	U	380.	U	350.	U	360.	U	
106-44-5 4-Methylphenol (p-Cresol)	350.	U	380.	U	350.	U	360.	U	
108-60-1 2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-S-B003-02	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	LAB SAMPLE ID --->	L5506-3		L5506-4		L5506-1		L5506-2		L5510-1B		L5510-19	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/11/95		10/12/95		10/11/95		10/11/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
74-87-3	Chloromethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-01-4	Vinyl chloride	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
74-83-9	Bromomethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-00-3	Chloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-69-4	Trichlorofluoromethane	5.8	UJ	6.2	UJ	5.7	UJ	5.9	UJ	5.8	UJ	5.9	UJ
67-64-1	Acetone	430.	UR	35.		46.		49.		19.		15.	
75-35-4	1,1-Dichloroethene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-15-0	Carbon disulfide	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-09-2	Methylene chloride	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
108-05-4	Vinyl acetate	12.	UJ	12.	U	11.	UJ	12.	UJ	12.	UJ	12.	UJ
75-34-3	1,1-Dichloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
78-93-3	2-Butanone (MEK)	12.	U	3.7	J	6.3	J	12.	U	12.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
67-66-3	Chloroform	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
71-55-6	1,1,1-Trichloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
56-23-5	Carbon tetrachloride	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
107-06-2	1,2-Dichloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
71-43-2	Benzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
79-01-6	Trichloroethene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	1.4	J
78-87-5	1,2-Dichloropropane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-27-4	Bromodichloromethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
110-75-8	2-Chloroethyl vinyl ether	23.	U	25.	U	23.	U	24.	U	23.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	4.	J	11.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
108-88-3	Toluene	1.5	J	6.2	U	5.7	U	5.9	U	2.3	J	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
591-78-6	2-Hexanone	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
79-00-5	1,1,2-Trichloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
127-18-4	Tetrachloroethene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
124-48-1	Dibromochloromethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
108-90-7	Chlorobenzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
100-41-4	Ethylbenzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
100-42-5	Styrene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
75-25-2	Bromoform	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-S-B003-01		039-S-B003-02	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	LAB SAMPLE ID --->	L5506-3		L5506-4		L5506-1		L5506-2		L5510-18		L5510-19	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039SB00301		039SB00302	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/11/95		10/12/95		10/11/95		10/11/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
541-73-1	1,3-Dichlorobenzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
106-46-7	1,4-Dichlorobenzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
95-50-1	1,2-Dichlorobenzene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
999900-05-0	m+p Xylene	5.8	U	6.2	U	5.7	U	5.9	U	5.8	U	5.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01		039-S-B006-02	
	ORIGINAL ID ----->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	LAB SAMPLE ID --->	L5506-9		L5506-10		L5506-7		L5506-8		L5506-5		L5506-6	
	ID FROM REPORT -->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
74-87-3	Chloromethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-01-4	Vinyl chloride	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
74-83-9	Bromomethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-00-3	Chloroethane	5.6	UR	6.1	UR	6.1	U	6.	U	6.1	UR	5.8	U
75-69-4	Trichlorofluoromethane	5.6	UJ	6.1	UJ	6.1	UJ	6.	UJ	6.1	UJ	5.8	U
67-64-1	Acetone	11.		14.		12.	U	25.		12.	J	38.	J
75-35-4	1,1-Dichloroethene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-15-0	Carbon disulfide	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-09-2	Methylene chloride	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
108-05-4	Vinyl acetate	11.	UJ	12.	UJ	12.	U	12.	U	12.	UJ	12.	U
75-34-3	1,1-Dichloroethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
78-93-3	2-Butanone (MEK)	11.	U	2.3	J	12.	U	12.	U	12.	U	4.2	J
156-59-2	cis-1,2-Dichloroethene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
67-66-3	Chloroform	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
71-55-6	1,1,1-Trichloroethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
56-23-5	Carbon tetrachloride	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
107-06-2	1,2-Dichloroethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
71-43-2	Benzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
79-01-6	Trichloroethene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
78-87-5	1,2-Dichloropropane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-27-4	Bromodichloromethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	24.	U	25.	U	24.	U	24.	U	23.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	12.	U	12.	U	12.	U	3.2	J
10061-01-5	cis-1,3-Dichloropropene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
108-88-3	Toluene	5.6	U	6.1	U	6.1	U	6.	U	1.8	J	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
591-78-6	2-Hexanone	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
79-00-5	1,1,2-Trichloroethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
127-18-4	Tetrachloroethene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
124-48-1	Dibromochloromethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
108-90-7	Chlorobenzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
100-41-4	Ethylbenzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	92.	J
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	1600.	D
100-42-5	Styrene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
75-25-2	Bromoform	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01		039-S-B006-02	
	ORIGINAL ID ----->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	LAB SAMPLE ID --->	L5506-9		L5506-10		L5506-7		L5506-8		L5506-5		L5506-6	
	ID FROM REPORT -->	039SB00401		039SB00402		039SB00501		039SB00502		039SB00601		039SB00602	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
541-73-1	1,3-Dichlorobenzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
106-46-7	1,4-Dichlorobenzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
95-50-1	1,2-Dichlorobenzene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	5.8	U
'999900-05-0	m+p Xylene	5.6	U	6.1	U	6.1	U	6.	U	6.1	U	9300.	D
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01		039-S-B009-02	
	ORIGINAL ID ----->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	LAB SAMPLE ID --->	L5506-13		L5506-14		L5506-11		L5506-12		L5506-17		L5506-18	
	ID FROM REPORT -->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE ANALYZED --->	10/15/95		10/13/95		10/12/95		10/13/95		10/15/95		10/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
74-87-3	Chloromethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-01-4	Vinyl chloride	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
74-83-9	Bromomethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-00-3	Chloroethane	5.5	UR	5.7	UR	6.	U	5.8	UJ	5.4	UR	5.9	UR
75-69-4	Trichlorofluoromethane	5.5	UJ	5.7	UJ	6.	UJ	5.8	UJ	5.4	UJ	5.9	UJ
67-64-1	Acetone	21.		12.		12.	U	140.	J	11.		45.	
75-35-4	1,1-Dichloroethene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-15-0	Carbon disulfide	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-09-2	Methylene chloride	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
108-05-4	Vinyl acetate	11.	UJ	11.	UJ	12.	U	12.	UJ	11.	UJ	12.	UJ
75-34-3	1,1-Dichloroethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	12.	U	12.	UJ	11.	U	4.6	J
156-59-2	cis-1,2-Dichloroethene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
67-66-3	Chloroform	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
71-55-6	1,1,1-Trichloroethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
56-23-5	Carbon tetrachloride	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
107-06-2	1,2-Dichloroethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
71-43-2	Benzene	5.5	U	5.7	U	6.	U	990.	D	5.4	U	5.9	U
79-01-6	Trichloroethene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
78-87-5	1,2-Dichloropropane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-27-4	Bromodichloromethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	23.	U	24.	U	23.	UJ	22.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	12.	U	12.	UJ	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
108-88-3	Toluene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
591-78-6	2-Hexanone	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
79-00-5	1,1,2-Trichloroethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
127-18-4	Tetrachloroethene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
124-48-1	Dibromochloromethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
108-90-7	Chlorobenzene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
100-41-4	Ethylbenzene	5.5	U	5.7	U	6.	U	22000.	D	5.4	U	5.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
100-42-5	Styrene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
75-25-2	Bromoform	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01		039-S-B009-02	
	ORIGINAL ID ----->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	LAB SAMPLE ID --->	L5506-13		L5506-14		L5506-11		L5506-12		L5506-17		L5506-18	
	ID FROM REPORT -->	039SB00701		039SB00702		039SB00801		039SB00802		039SB00901		039SB00902	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE ANALYZED --->	10/15/95		10/13/95		10/12/95		10/13/95		10/15/95		10/13/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
541-73-1	1,3-Dichlorobenzene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
106-46-7	1,4-Dichlorobenzene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
95-50-1	1,2-Dichlorobenzene	5.5	U	5.7	U	6.	U	5.8	UJ	5.4	U	5.9	U
999900-05-0	m+p Xylene	5.5	U	5.7	U	6.	U	48000.	D	5.4	U	5.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01		039-S-B012-02	
	ORIGINAL ID ----->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	LAB SAMPLE ID --->	L5506-15		L5506-16		L5506-19		L5506-20		L5510-22		L5510-23	
	ID FROM REPORT -->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/13/95		10/13/95		10/13/95		10/13/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
74-87-3	Chloromethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
75-01-4	Vinyl chloride	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
74-83-9	Bromomethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
75-00-3	Chloroethane	5.5	UR	5.9	UR	5.4	UR	6.1	UR	5.7	U	6.1	U
75-69-4	Trichlorofluoromethane	5.5	UJ	5.9	UJ	5.4	UJ	6.1	UJ	5.7	UJ	6.1	UJ
67-64-1	Acetone	48.		65.		74.		38.		17.		8.7	J
75-35-4	1,1-Dichloroethene	5.5	U	5.9	U	5.4	U	25.		5.7	U	6.1	U
75-15-0	Carbon disulfide	5.5	U	1.8	J	1.2	J	6.1	U	5.7	U	6.1	U
75-09-2	Methylene chloride	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	5.9	U	4.1	J	4.5	J	5.7	U	6.1	U
108-05-4	Vinyl acetate	11.	UJ	12.	UJ	11.	UJ	12.	UJ	11.	UJ	12.	UJ
75-34-3	1,1-Dichloroethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
78-93-3	2-Butanone (MEK)	11.	U	5.	J	11.	J	12.	U	11.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.5	U	11.		200.		6.1	U	5.7	U	6.1	U
67-66-3	Chloroform	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
71-55-6	1,1,1-Trichloroethane	5.5	U	5.9	U	5.4	U	160.		5.7	U	6.1	U
56-23-5	Carbon tetrachloride	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
107-06-2	1,2-Dichloroethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
71-43-2	Benzene	5.5	U	5.9	U	5.4	U	61.		5.7	U	6.1	U
79-01-6	Trichloroethene	5.5	U	5.9	U	37.		260.	UR	5.7	U	6.1	U
78-87-5	1,2-Dichloropropane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
75-27-4	Bromodichloromethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	24.	U	21.	U	24.	U	23.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	U	12.	U	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
108-88-3	Toluene	1.6	J	5.9	U	2.3	J	6.1	U	5.7	U	6.1	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
591-78-6	2-Hexanone	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
79-00-5	1,1,2-Trichloroethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
127-18-4	Tetrachloroethene	5.5	U	5.9	U	170.		730.	UR	5.7	U	6.1	U
124-48-1	Dibromochloromethane	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
108-90-7	Chlorobenzene	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
100-41-4	Ethylbenzene	5.5	U	5.9	U	150.		610.	UR	1.9	J	6.1	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.5	U	5.9	U	5.4	U	63.		5.7	U	6.1	U
100-42-5	Styrene	5.5	U	5.9	U	5.4	U	6.1	U	5.7	U	6.1	U
75-25-2	Bromoform	5.5	U	5.9	U	5.4	U	6.1	UJ	5.7	U	6.1	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01		039-S-B012-02	
	ORIGINAL ID ----->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	LAB SAMPLE ID --->	L5506-15		L5506-16		L5506-19		L5506-20		L5510-22		L5510-23	
	ID FROM REPORT -->	039SB01001		039SB01002		039SB01101		039SB01102		039SB01201		039SB01202	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/13/95		10/13/95		10/13/95		10/13/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL	L5510	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	5.9	U	5.4	U	6.1	UJ	5.7	U	6.1	U
541-73-1	1,3-Dichlorobenzene	5.5	U	5.9	U	5.4	U	6.1	UJ	5.7	U	6.1	U
106-46-7	1,4-Dichlorobenzene	5.5	U	5.9	U	5.4	U	6.1	UJ	5.7	U	6.1	U
95-50-1	1,2-Dichlorobenzene	5.5	U	5.9	U	5.4	U	6.1	UJ	5.7	U	6.1	U
999900-05-0	m+p Xylene	5.5	U	5.9	U	300.		680.	UR	1.8	J	6.1	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-B013-01		039-S-B013-02		039-S-B014-01		039-S-B014-02		039-S-B015-01		039-S-B015-02	
	ORIGINAL ID ----->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	LAB SAMPLE ID --->	L5510-16		L5510-17		L5510-12		L5510-13		L5510-14		L5510-15	
	ID FROM REPORT -->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
74-87-3	Chloromethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-01-4	Vinyl chloride	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
74-83-9	Bromomethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-00-3	Chloroethane	5.4	UR	6.1	U	5.6	UR	6.	UR	5.7	UR	6.4	UR
75-69-4	Trichlorofluoromethane	5.4	UJ	6.1	UJ	5.6	UJ	6.	UJ	5.7	UJ	6.4	UJ
67-64-1	Acetone	47.		11.	J	21.		12.	U	32.		13.	U
75-35-4	1,1-Dichloroethene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-15-0	Carbon disulfide	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-09-2	Methylene chloride	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
156-60-5	trans-1,2-Dichloroethene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
108-05-4	Vinyl acetate	11.	UJ	12.	UJ	11.	UJ	12.	UJ	11.	UJ	13.	UJ
75-34-3	1,1-Dichloroethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	12.	U	11.	U	13.	U
156-59-2	cis-1,2-Dichloroethene	5.4	U	6.1	U	5.6	U	51.		5.7	U	3.5	J
67-66-3	Chloroform	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
71-55-6	1,1,1-Trichloroethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
56-23-5	Carbon tetrachloride	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
107-06-2	1,2-Dichloroethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
71-43-2	Benzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
79-01-6	Trichloroethene	5.4	U	6.1	U	5.6	U	2.3	J	5.7	U	6.4	U
78-87-5	1,2-Dichloropropane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-27-4	Bromodichloromethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	24.	U	22.	U	24.	U	23.	U	25.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	U	12.	U	11.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
108-88-3	Toluene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
10061-02-6	trans-1,3-Dichloropropene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
591-78-6	2-Hexanone	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
79-00-5	1,1,2-Trichloroethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
127-18-4	Tetrachloroethene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
124-48-1	Dibromochloromethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
108-90-7	Chlorobenzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
100-41-4	Ethylbenzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
100-42-5	Styrene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
75-25-2	Bromoform	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	039-S-B013-01		039-S-B013-02		039-S-B014-01		039-S-B014-02		039-S-B015-01		039-S-B015-02	
	ORIGINAL ID ----->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	LAB SAMPLE ID --->	L5510-16		L5510-17		L5510-12		L5510-13		L5510-14		L5510-15	
	ID FROM REPORT -->	039SB01301		039SB01302		039SB01401		039SB01402		039SB01501		039SB01502	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE ANALYZED --->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL	L5510	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U	6.1	U	5.6	U	6.	U	5.7	U	6.4	U
9999900-05-0	m+p Xylene	5.4	U	1.3	J	5.6	U	6.	U	5.7	U	6.4	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH

	SAMPLE ID ------->	039-S-B001-01		039-S-B001-02		039-S-B002-01		039-S-B002-02		039-C-B003-01		039-S-B003-01	
	ORIGINAL ID ----->	039SB00101		039SB00102		039SB00201		039SB00202		039CB00301		039SB00301	
	LAB SAMPLE ID --->	L5506-43		L5506-44		L5506-41		L5506-42		L5509-8		L5510-41	
	ID FROM REPORT -->	039SB00101		039SB00102		039SB00201		039SB00202		039CB00301		039SB00301	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/11/95		10/13/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/13/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5509	VAL	L5510	VAL
999900-02-6	TPH - Diesel Range Organics	36.	U	36.	UR	33.	U	36.	U	33.	U	36.	U
999900-02-5	TPH - Gasoline Range Organics	36.	U	36.	U	33.	U	36.	U	33.	U	36.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH													
	SAMPLE ID ------->	039-S-B003-02		039-S-B004-01		039-S-B004-02		039-S-B005-01		039-S-B005-02		039-S-B006-01	
	ORIGINAL ID ----->	039SB00302		039SB00401		039SB00402		039SB00501		039SB00502		039SB00601	
	LAB SAMPLE ID --->	L5510-42		L5506-49		L5506-50		L5506-47		L5506-48		L5506-45	
	ID FROM REPORT -->	039SB00302		039SB00401		039SB00402		039SB00501		039SB00502		039SB00601	
	SAMPLE DATE ----->	10/03/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/13/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/24/95		10/20/95		10/21/95		10/20/95		10/20/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
999900-02-6	TPH - Diesel Range Organics	36.	U	33.	U	36.	U	150.		36.	U	48.	
999900-02-5	TPH - Gasoline Range Organics	36.	U	33.	U	36.	U	36.	U	36.	U	36.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH													
	SAMPLE ID ------->	039-S-B006-02		039-S-B007-01		039-S-B007-02		039-S-B008-01		039-S-B008-02		039-S-B009-01	
	ORIGINAL ID ----->	039SB00602		039SB00701		039SB00702		039SB00801		039SB00802		039SB00901	
	LAB SAMPLE ID --->	L5506-46		L5506-53		L5506-54		L5506-51		L5506-52		L5506-57	
	ID FROM REPORT -->	039SB00602		039SB00701		039SB00702		039SB00801		039SB00802		039SB00901	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/02/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/20/95		10/21/95		10/21/95		10/22/95		10/22/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL
999900-02-6	TPH - Diesel Range Organics	36.	U	30.	U	36.	U	1300.		19000.		33.	U
999900-02-5	TPH - Gasoline Range Organics	36.	U	30.	U	36.	U	380.		9500.		33.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH													
	SAMPLE ID ------->	039-S-B009-02		039-S-B010-01		039-S-B010-02		039-S-B011-01		039-S-B011-02		039-S-B012-01	
	ORIGINAL ID ----->	039SB00902		039SB01001		039SB01002		039SB01101		039SB01102		039SB01201	
	LAB SAMPLE ID --->	L5506-58		L5506-55		L5506-56		L5506-59		L5506-60		L5510-43	
	ID FROM REPORT -->	039SB00902		039SB01001		039SB01002		039SB01101		039SB01102		039SB01201	
	SAMPLE DATE ----->	10/02/95		10/02/95		10/02/95		10/02/95		10/02/95		10/03/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/13/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/22/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5506	VAL	L5510	VAL
9999900-02-6	TPH - Diesel Range Organics	36.	U	30.	U	36.	U	33.	U	14000.		33.	U
9999900-02-5	TPH - Gasoline Range Organics	36.	U	30.	U	36.	U	79.		7900.		33.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH													
	SAMPLE ID ------->	039-S-B012-02		039-S-B013-01		039-S-B013-02		039-C-B014-01		039-S-B014-01		039-S-B014-02	
	ORIGINAL ID ----->	039SB01202		039SB01301		039SB01302		039CB01401		039SB01401		039SB01402	
	LAB SAMPLE ID --->	L5510-46		L5510-39		L5510-40		L5509-7		L5510-35		L5510-36	
	ID FROM REPORT -->	039SB01202		039SB01301		039SB01302		039CB01401		039SB01401		039SB01402	
	SAMPLE DATE ----->	10/03/95		10/03/95		10/03/95		10/03/95		10/03/95		10/03/95	
	DATE EXTRACTED -->	10/13/95		10/13/95		10/13/95		10/11/95		10/11/95		10/13/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/13/95		10/13/95		10/23/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5510	VAL	L5510	VAL	L5510	VAL	L5509	VAL	L5510	VAL	L5510	VAL
999900-02-6	TPH - Diesel Range Organics	36.	U	33.	U	36.	U	33.	U	33.	U	33.	U
999900-02-5	TPH - Gasoline Range Organics	36.	U	33.	U	36.	U	33.	U	33.	U	33.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH								
	SAMPLE ID ------->	039-S-B015-01		039-S-B015-02				
	ORIGINAL ID ----->	039SB01501		039SB01502				
	LAB SAMPLE ID --->	L5510-37		L5510-38				
	ID FROM REPORT -->	039SB01501		039SB01502				
	SAMPLE DATE ----->	10/03/95		10/03/95				
	DATE EXTRACTED -->	10/13/95		10/13/95				
	DATE ANALYZED --->	10/23/95		10/23/95				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	L5510	VAL	L5510	VAL			
999900-02-6	TPH - Diesel Range Organics	33.	U	36.	U			
999900-02-5	TPH - Gasoline Range Organics	33.	U	36.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B016-01		039-S-B016-02		039-C-B017-01		039-S-B017-01		039-S-B017-02		039-S-B018-01	
	ORIGINAL ID ----->	039SB01601		039SB01602		039CB01701		039SB01701		039SB01702		039SB01801	
	LAB SAMPLE ID --->	25080.01		25080.04		25081.01		25080.05		25080.06		25080.07	
	ID FROM REPORT -->	039SB01601		039SB01602		039CB01701		039SB01701		039SB01702		039SB01801	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/02/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/03/96		04/03/96		04/06/96		04/03/96		04/06/96		04/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
999000-46-4	DIESEL C10-C22	2.12	U	2.4	U	2.58	U	2.37	U	229.	U	2.23	U
999000-50-0	KEROSENE C9-C18	2.12	U	2.4	U	2.58	U	2.37	U	229.	U	2.23	U
999000-35-1	JP-4 C6-C14	2.12	U	2.4	U	2.58	U	2.37	U	229.	U	2.23	U
999000-48-6	NAPHTHA C6-C12	2.12	U	2.4	U	2.58	U	2.37	U	229.	U	2.23	U
999000-49-7	#6 FUEL OIL C12-C24	2.12	U	2.4	U	2.58	U	2.37	U	229.	U	2.23	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B018-02		039-S-B019-01		039-S-B019-02		039-S-B020-01		039-S-B020-02		039-S-B021-01	
	ORIGINAL ID ----->	039SB01802		039SB01901		039SB01902		039SB02001		039SB02002		039SB02101	
	LAB SAMPLE ID --->	25080.08		25080.09		25080.10		25080.11		25080.12		25080.13	
	ID FROM REPORT -->	039SB01802		039SB01901		039SB01902		039SB02001		039SB02002		039SB02101	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/03/96		04/03/96		04/03/96		04/03/96		04/06/96		04/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
9999000-46-4	DIESEL C10-C22	2.38	U	2.18	U	2.4	U	2.27	U	117.	U	2.2	U
9999000-50-0	KEROSENE C9-C18	2.38	U	2.18	U	2.4	U	2.27	U	117.	U	2.2	U
9999000-35-1	JP-4 C6-C14	2.38	U	2.18	U	2.4	U	2.27	U	117.	U	2.2	U
9999000-48-6	NAPHTHA C6-C12	2.38	U	2.18	U	2.4	U	2.27	U	117.	U	2.2	U
9999000-49-7	#6 FUEL OIL C12-C24	2.38	U	2.18	U	2.4	U	2.27	U	117.	U	2.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B021-02		039-S-B022-01		039-S-B022-02		039-S-B024-01		039-S-B024-02		039-S-B026-01	
	ORIGINAL ID ----->	039SB02102		039SB02201		039SB02202		039SB02401		039SB02402		039SB02601	
	LAB SAMPLE ID --->	25080.14		25080.15		25080.16		25080.17		25080.18		25080.19	
	ID FROM REPORT -->	039SB02102		039SB02201		039SB02202		039SB02401		039SB02402		039SB02601	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/03/96		04/03/96		04/04/96		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
999000-46-4	DIESEL C10-C22	234.	U	2.15	U	2.38	U	2.15	U	2.31	U	2.31	U
999000-50-0	KEROSENE C9-C18	234.	U	2.15	U	2.38	U	2.15	U	2.31	U	2.31	U
999000-35-1	JP-4 C6-C14	234.	U	2.15	U	2.38	U	2.15	U	2.31	U	2.31	U
999000-48-6	NAPHTHA C6-C12	234.	U	2.15	U	2.38	U	2.15	U	2.31	U	2.31	U
999000-49-7	#6 FUEL OIL C12-C24	234.	U	2.15	U	2.38	U	2.15	U	2.31	U	2.31	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B026-02		039-S-B028-01		039-S-B028-02		039-S-B029-01		039-S-B029-02		039-S-B032-01	
	ORIGINAL ID ----->	039SB02602		039SB02801		039SB02802		039SB02901		039SB02902		039SB03201	
	LAB SAMPLE ID --->	25080.20		25080.21		25080.22		25080.23		25080.24		25080.29	
	ID FROM REPORT -->	039SB02602		039SB02801		039SB02802		039SB02901		039SB02902		039SB03201	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/04/96		04/04/96		04/06/96		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
999000-46-4	DIESEL C10-C22	2.38	U	2.23	U	125.	U	2.16	U	232.	U	2.19	U
999000-50-0	KEROSENE C9-C18	2.38	U	2.23	U	125.	U	2.16	U	232.	U	2.19	U
999000-35-1	JP-4 C6-C14	2.38	U	2.23	U	125.	U	2.16	U	232.	U	2.19	U
999000-48-6	NAPHTHA C6-C12	2.38	U	2.23	U	125.	U	2.16	U	232.	U	2.19	U
999000-49-7	#6 FUEL OIL C12-C24	2.38	U	2.23	U	125.	U	2.16	U	232.	U	2.19	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B032-02		039-C-B033-01		039-S-B033-01		039-S-B033-02		039-S-B034-01		039-S-B034-02	
	ORIGINAL ID ----->	039SB03202		039CB03301		039SB03301		039SB03302		039SB03401		039SB03402	
	LAB SAMPLE ID --->	25080.30		25096.01		25095.01		25095.05		25080.25		25080.26	
	ID FROM REPORT -->	039SB03202		039CB03301		039SB03301		039SB03302		039SB03401		039SB03402	
	SAMPLE DATE ----->	03/27/96		03/28/96		03/28/96		03/28/96		03/27/96		03/27/96	
	DATE EXTRACTED -->	04/01/96		04/02/96		04/02/96		04/02/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/04/96		04/07/96		04/06/96		04/09/96		04/04/96		04/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25095	VAL	25095	VAL	25095	VAL	25080	VAL	25080	VAL
999000-46-4	DIESEL C10-C22	2.5	U	2.23	U	2.21	U	12.2	U	2.27	U	64.8	U
999000-50-0	KEROSENE C9-C18	2.5	U	2.23	U	2.21	U	12.2	U	2.27	U	64.8	U
999000-35-1	JP-4 C6-C14	2.5	U	2.23	U	2.21	U	12.2	U	2.27	U	64.8	U
999000-48-6	NAPHTHA C6-C12	2.5	U	2.23	U	2.21	U	12.2	U	2.27	U	64.8	U
999000-49-7	#6 FUEL OIL C12-C24	2.5	U	2.23	U	2.21	U	12.2	U	2.27	U	64.8	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B035-01		039-S-B035-02		039-S-B036-01		039-C-B036-02		039-S-B036-02		039-S-B037-01	
	ORIGINAL ID ----->	039SB03501		039SB03502		039SB03601		039CB03602		039SB03602		039SB03701	
	LAB SAMPLE ID --->	25080.27		25080.28		25095.02		25096.02		25095.03		25095.04	
	ID FROM REPORT -->	039SB03501		039SB03502		039SB03601		039CB03602		039SB03602		039SB03701	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/02/96		04/02/96		04/02/96		04/02/96	
	DATE ANALYZED --->	04/04/96		04/04/96		04/09/96		04/09/96		04/09/96		04/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
999000-46-4	DIESEL C10-C22	2.3	U	242.	U	23.2	U	51.	U	12.7	U	2.4	U
999000-50-0	KEROSENE C9-C18	2.3	U	242.	U	23.2	U	51.	U	12.7	U	2.4	U
999000-35-1	JP-4 C6-C14	2.3	U	242.	U	23.2	U	51.	U	12.7	U	2.4	U
999000-48-6	NAPHTHA C6-C12	2.3	U	242.	U	23.2	U	51.	U	12.7	U	2.4	U
999000-49-7	#6 FUEL OIL C12-C24	2.3	U	242.	U	23.2	U	51.	U	12.7	U	2.4	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO													
	SAMPLE ID ------->	039-S-B037-02		039-S-B038-01		039-C-B038-02		039-S-B038-02		039-S-B039-01		039-S-B039-02	
	ORIGINAL ID ----->	039SB03702		039SB03801		039CB03802		039SB03802		039SB03901		039SB03902	
	LAB SAMPLE ID --->	25095.06		25095.07		25096.03		25095.08		25095.09		25095.10	
	ID FROM REPORT -->	039SB03702		039SB03801		039CB03802		039SB03802		039SB03901		039SB03902	
	SAMPLE DATE ----->	03/28/96		03/28/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE EXTRACTED -->	04/02/96		04/02/96		04/02/96		04/02/96		04/02/96		04/02/96	
	DATE ANALYZED --->	04/09/96		04/06/96		04/07/96		04/06/96		04/06/96		04/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25095	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
999000-46-4	DIESEL C10-C22	125.	U	2.17	U	2.46	U	2.42	U	2.24	U	2.45	U
999000-50-0	KEROSENE C9-C18	125.	U	2.17	U	2.46	U	2.42	U	2.24	U	2.45	U
999000-35-1	JP-4 C6-C14	125.	U	2.17	U	2.46	U	2.42	U	2.24	U	2.45	U
999000-48-6	NAPHTHA C6-C12	125.	U	2.17	U	2.46	U	2.42	U	2.24	U	2.45	U
999000-49-7	#6 FUEL OIL C12-C24	125.	U	2.17	U	2.46	U	2.42	U	2.24	U	2.45	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO									
	SAMPLE ID ------->	039-S-B040-01		039-S-B040-02					
	ORIGINAL ID ----->	039SB04001		039SB04002					
	LAB SAMPLE ID --->	25095.11		25095.14					
	ID FROM REPORT -->	039SB04001		039SB04002					
	SAMPLE DATE ----->	03/28/96		03/28/96					
	DATE EXTRACTED -->	04/02/96		04/02/96					
	DATE ANALYZED --->	04/06/96		04/07/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	25095	VAL	25095	VAL				
999000-46-4	DIESEL C10-C22	2.36	U	2.4	U				
999000-50-0	KEROSENE C9-C18	2.36	U	2.4	U				
999000-35-1	JP-4 C6-C14	2.36	U	2.4	U				
999000-48-6	NAPHTHA C6-C12	2.36	U	2.4	U				
999000-49-7	#6 FUEL OIL C12-C24	2.36	U	2.4	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
		SAMPLE ID ------->	039-S-B016-01		039-S-B016-02		039-C-B017-01		039-S-B017-01		039-S-B017-02		039-S-B018-01
		ORIGINAL ID ----->	039SB01601		039SB01602		039CB01701		039SB01701		039SB01702		039SB01801
		LAB SAMPLE ID --->	25080.01		25080.04		25081.01		25080.05		25080.06		25080.07
		ID FROM REPORT -->	039SB01601		039SB01602		039CB01701		039SB01701		039SB01702		039SB01801
		SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96
		DATE ANALYZED --->	04/02/96		04/02/96		04/03/96		04/02/96		04/02/96		04/02/96
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG
CAS #	Parameter		25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
86290-81-5	Gasoline		10.6	UJ	12.	U	11.3		11.8	UJ	25500.	J	11.1	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
	SAMPLE ID ------->	039-S-B018-02		039-S-B019-01		039-S-B019-02		039-S-B020-01		039-S-B020-02		039-S-B021-01	
	ORIGINAL ID ----->	039SB01802		039SB01901		039SB01902		039SB02001		039SB02002		039SB02101	
	LAB SAMPLE ID --->	25080.08		25080.09		25080.10		25080.11		25080.12		25080.13	
	ID FROM REPORT -->	039SB01802		039SB01901		039SB01902		039SB02001		039SB02002		039SB02101	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/27/96		03/27/96		03/27/96	
	DATE ANALYZED --->	04/02/96		04/02/96		04/02/96		04/02/96		04/02/96		04/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL	25080	VAL
86290-81-5	Gasoline	11.9	U	10.9	UJ	8.3	J	11.4	UJ	46800.	J	261.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
		SAMPLE ID ------->	039-S-B021-02		039-S-B022-01		039-S-B022-02		039-S-B023-01		039-S-B023-02		039-S-B024-01
		ORIGINAL ID ----->	039SB02102		039SB02201		039SB02202		039SB02301		039SB02302		039SB02401
		LAB SAMPLE ID --->	25080.14		25080.15		25080.16		25061.11		25061.12		25080.17
		ID FROM REPORT -->	039SB02102		039SB02201		039SB02202		039SB02301		039SB02302		039SB02401
		SAMPLE DATE ----->	03/27/96		03/27/96		03/27/96		03/26/96		03/26/96		03/27/96
		DATE ANALYZED --->	04/02/96		04/04/96		04/02/96		04/01/96		04/01/96		04/04/96
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG
CAS #	Parameter		25080	VAL	25080	VAL	25080	VAL	25061	VAL	25061	VAL	25080	VAL
86290-81-5	Gasoline		2110000.	J	38.		59.5	U	11.4	U	12.4	U	33.	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
	SAMPLE ID ------->	039-S-B024-02		039-S-B025-01		039-S-B025-02		039-S-B026-01		039-C-B026-02		039-S-B026-02	
	ORIGINAL ID ----->	039SB02402		039SB02501		039SB02502		039SB02601		039CB02602		039SB02602	
	LAB SAMPLE ID --->	25080.18		25061.09		25061.10		25080.19		25081.02		25080.20	
	ID FROM REPORT -->	039SB02402		039SB02501		039SB02502		039SB02601		039CB02602		039SB02602	
	SAMPLE DATE ----->	03/27/96		03/26/96		03/26/96		03/27/96		03/27/96		03/27/96	
	DATE ANALYZED --->	04/02/96		04/01/96		04/01/96		04/02/96		04/03/96		04/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25080	VAL	25061	VAL	25061	VAL	25080	VAL	25080	VAL	25080	VAL
86290-81-5	Gasoline	7.16	J	1640.	J	52100.		39.2	J	11.9	U	11.9	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
		SAMPLE ID ------->	039-C-B027-01		039-S-B027-01		039-S-B027-02		039-S-B028-01		039-S-B028-02		039-S-B029-01
		ORIGINAL ID ----->	039CB02701		039SB02701		039SB02702		039SB02801		039SB02802		039SB02901
		LAB SAMPLE ID --->	25062.02		25061.13		25061.14		25080.21		25080.22		25080.23
		ID FROM REPORT -->	039CB02701		039SB02701		039SB02702		039SB02801		039SB02802		039SB02901
		SAMPLE DATE ----->	03/26/96		03/26/96		03/26/96		03/27/96		03/27/96		03/27/96
		DATE ANALYZED --->	04/02/96		04/01/96		04/01/96		04/03/96		04/03/96		04/03/96
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG
CAS #	Parameter		25061	VAL	25061	VAL	25061	VAL	25080	VAL	25080	VAL	25080	VAL
86290-81-5	Gasoline		26900.	J	52400.	J	10.4	J	11.2	U	47700.		10.8	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
	SAMPLE ID ------->	039-S-B029-02		039-S-B030-01		039-S-B030-02		039-S-B031-01		039-S-B031-02		039-S-B032-01	
	ORIGINAL ID ----->	039SB02902		039SB03001		039SB03002		039SB03101		039SB03102		039SB03201	
	LAB SAMPLE ID --->	25080.24		25061.15		25061.16		25061.17		25061.18		25080.29	
	ID FROM REPORT -->	039SB02902		039SB03001		039SB03002		039SB03101		039SB03102		039SB03201	
	SAMPLE DATE ----->	03/27/96		03/26/96		03/26/96		03/26/96		03/26/96		03/27/96	
	DATE ANALYZED --->	04/03/96		04/01/96		04/02/96		04/01/96		04/01/96		04/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25080	VAL	25061	VAL	25061	VAL	25061	VAL	25061	VAL	25080	VAL
86290-81-5	Gasoline	98800.		25900.	J	41.2	J	23300.		80500.	J	5.7	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
	SAMPLE ID ------->	039-S-B032-02		039-S-B033-01		039-C-B033-01		039-S-B033-02		039-S-B034-01		039-S-B034-02	
	ORIGINAL ID ----->	039SB03202		039SB03301		039CB03301		039SB03302		039SB03401		039SB03402	
	LAB SAMPLE ID --->	25080.30		25095.01		25096.01		25095.05		25080.25		25080.26	
	ID FROM REPORT -->	039SB03202		039SB03301		039CB03301		039SB03302		039SB03401		039SB03402	
	SAMPLE DATE ----->	03/27/96		03/28/96		03/28/96		03/28/96		03/27/96		03/27/96	
	DATE ANALYZED --->	04/03/96		04/03/96		04/02/96		04/02/96		04/03/96		04/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		MG/KG		MG/KG		MG/KG		UG/KG		UG/KG	
CAS #	Parameter	25080	VAL	25095	VAL	25095	VAL	25095	VAL	25080	VAL	25080	VAL
86290-81-5	Gasoline	49.1	J	0.009	J	0.016		0.088	J	11.3	U	86100.	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
	SAMPLE ID ------->	039-S-B035-01		039-S-B035-02		039-S-B036-01		039-S-B036-02		039-C-B036-02		039-S-B037-01	
	ORIGINAL ID ----->	039SB03501		039SB03502		039SB03601		039SB03602		039CB03602		039SB03701	
	LAB SAMPLE ID --->	25080.27		25080.28		25095.02		25095.03		25096.02		25095.04	
	ID FROM REPORT -->	039SB03501		039SB03502		039SB03601		039SB03602		039CB03602		039SB03701	
	SAMPLE DATE ----->	03/27/96		03/27/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE ANALYZED --->	04/03/96		04/03/96		04/02/96		04/04/96		04/02/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25080	VAL	25080	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
86290-81-5	Gasoline	18.7		19500.		0.86	J	5.29	J	23.6	J	0.035	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO							
	SAMPLE ID ------->	039-S-B037-02	039-S-B038-01	039-S-B038-02	039-C-B038-02	039-S-B039-01	039-S-B039-02
	ORIGINAL ID ----->	039SB03702	039SB03801	039SB03802	039CB03802	039SB03901	039SB03902
	LAB SAMPLE ID --->	25095.06	25095.07	25095.08	25096.03	25095.09	25095.10
	ID FROM REPORT -->	039SB03702	039SB03801	039SB03802	039CB03802	039SB03901	039SB03902
	SAMPLE DATE ----->	03/28/96	03/28/96	03/28/96	03/28/96	03/28/96	03/28/96
	DATE ANALYZED --->	04/02/96	04/03/96	04/02/96	04/02/96	04/04/96	04/04/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	25095 VAL	25095 VAL	25095 VAL	25095 VAL	25095 VAL	25095 VAL
86290-81-5	Gasoline	16. J	0.01 UJ	0.012 U	0.012 U	0.018	0.009 J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO									
		SAMPLE ID ------->	039-S-B040-01		039-S-B040-02				
		ORIGINAL ID ----->	039SB04001		039SB04002				
		LAB SAMPLE ID --->	25095.11		25095.14				
		ID FROM REPORT -->	039SB04001		039SB04002				
		SAMPLE DATE ----->	03/28/96		03/28/96				
		DATE ANALYZED --->	04/04/96		04/10/96				
		MATRIX ---------->	Soil		Soil				
		UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter		25095	VAL	25095	VAL			
86290-81-5	Gasoline		0.018		0.012	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DA

	SAMPLE ID ------->	039-S-B041-01		039-S-B041-02		039-S-B042-01		039-S-B042-02		039-S-B043-01		039-S-B043-02	
	ORIGINAL ID ----->	039SB04101		039SB04102		039SB04201		039SB04202		039SB04301		039SB04302	
	LAB SAMPLE ID --->	26960.05		26960.06		26960.03		26960.04		26960.01		26960.02	
	ID FROM REPORT -->	395SB04101		395SB04102		395SB04201		395SB04202		395SB04301		395SB04302	
	SAMPLE DATE ----->	09/16/96		09/16/96		09/16/96		09/16/96		09/16/96		09/16/96	
	DATE ANALYZED --->	09/21/96		09/21/96		09/22/96		09/21/96		09/21/96		09/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26960	VAL	26960	VAL	26960	VAL	26960	VAL	26960	VAL	26960	VAL
74-87-3	Chloromethane	11.	U	12.	U	12.	U	12.	U	12.	U	12.	U
74-83-9	Bromomethane	11.	UJ	12.	UJ	12.	U	12.	UJ	12.	UJ	12.	UJ
75-01-4	Vinyl chloride	11.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-00-3	Chloroethane	11.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-09-2	Methylene chloride	6.	U	6.	U	12.	UJ	6.	U	6.	U	6.	U
67-64-1	Acetone	37.	U	65.	U	15.	U	36.	U	62.	U	46.	U
75-15-0	Carbon disulfide	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
67-66-3	Chloroform	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	11.	UJ	12.	UJ	12.	U	6.	U	6.	U	6.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
75-27-4	Bromodichloromethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
79-01-6	Trichloroethene	6.	U	6.	U	6.	U	1.	J	3.	J	6.	U
124-48-1	Dibromochloromethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
71-43-2	Benzene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
75-25-2	Bromoform	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	UJ	12.	UJ	12.	U	12.	UJ	12.	UJ	12.	UJ
591-78-6	2-Hexanone	11.	UJ	12.	UJ	12.	U	12.	UJ	12.	UJ	12.	UJ
127-18-4	Tetrachloroethene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
108-88-3	Toluene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
108-90-7	Chlorobenzene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
100-41-4	Ethylbenzene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
100-42-5	Styrene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	11.	U	12.	U	12.	U	12.	U	12.	U	12.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	12.	UR	12.	UJ	12.	UR	12.	UR	12.	UR
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	6.	U	20.		10.		2.	J

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA

SAMPLE ID ------->	039-S-B101-02
ORIGINAL ID ----->	039SB10102
LAB SAMPLE ID --->	26960.07
ID FROM REPORT -->	039SB10102
SAMPLE DATE ----->	09/16/96
DATE EXTRACTED -->	09/18/96
DATE ANALYZED --->	09/23/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26960	VAL
108-95-2	Phenol	1900.	U
95-57-8	2-Chlorophenol	1900.	U
541-73-1	1,3-Dichlorobenzene	1900.	U
106-46-7	1,4-Dichlorobenzene	1900.	U
95-50-1	1,2-Dichlorobenzene	1900.	U
95-48-7	2-Methylphenol (o-Cresol)	1900.	U
621-64-7	N-Nitroso-di-n-propylamine	1900.	U
67-72-1	Hexachloroethane	1900.	U
98-95-3	Nitrobenzene	1900.	U
78-59-1	Isophorone	1900.	U
88-75-5	2-Nitrophenol	1900.	U
105-67-9	2,4-Dimethylphenol	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	1900.	U
120-83-2	2,4-Dichlorophenol	1900.	U
120-82-1	1,2,4-Trichlorobenzene	1900.	U
91-20-3	Naphthalene	8000.	
106-47-8	4-Chloroaniline	1900.	U
87-68-3	Hexachlorobutadiene	1900.	U
59-50-7	4-Chloro-3-methylphenol	1900.	U
91-57-6	2-Methylnaphthalene	23000.	
77-47-4	Hexachlorocyclopentadiene	1900.	U
88-06-2	2,4,6-Trichlorophenol	1900.	U
95-95-4	2,4,5-Trichlorophenol	9600.	U
91-58-7	2-Chloronaphthalene	1900.	U
88-74-4	2-Nitroaniline	9600.	U
131-11-3	Dimethyl phthalate	1900.	U
208-96-8	Acenaphthylene	1900.	U
606-20-2	2,6-Dinitrotoluene	1900.	U
99-09-2	3-Nitroaniline	9600.	U
83-32-9	Acenaphthene	1900.	U
51-28-5	2,4-Dinitrophenol	9600.	U
100-02-7	4-Nitrophenol	9600.	U
132-64-9	Dibenzofuran	1900.	U
121-14-2	2,4-Dinitrotoluene	1900.	U
84-66-2	Diethylphthalate	1900.	U
7005-72-3	4-Chlorophenylphenylether	1900.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

SAMPLE ID ------->	039-S-8101-02
ORIGINAL ID ----->	039SB10102
LAB SAMPLE ID --->	26960.07
ID FROM REPORT -->	039SB10102
SAMPLE DATE ----->	09/16/96
DATE EXTRACTED -->	09/18/96
DATE ANALYZED --->	09/23/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26960	VAL
86-73-7	Fluorene	730.	J
100-01-6	4-Nitroaniline	9600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	9600.	U
86-30-6	N-Nitrosodiphenylamine	1900.	U
101-55-3	4-Bromophenyl-phenylether	1900.	U
118-74-1	Hexachlorobenzene	1900.	U
87-86-5	Pentachlorophenol	9600.	U
85-01-8	Phenanthrene	590.	J
111-44-4	bis(2-Chloroethyl)ether	1900.	U
120-12-7	Anthracene	1900.	U
86-74-8	Carbazole	NR	
84-74-2	Di-n-butylphthalate	1900.	U
206-44-0	Fluoranthene	1900.	U
129-00-0	Pyrene	1900.	U
85-68-7	Butylbenzylphthalate	1900.	U
91-94-1	3,3'-Dichlorobenzidine	4000.	U
56-55-3	Benzo(a)anthracene	1900.	U
218-01-9	Chrysene	1900.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1900.	U
117-84-0	Di-n-octyl phthalate	1900.	U
205-99-2	Benzo(b)fluoranthene	1900.	U
207-08-9	Benzo(k)fluoranthene	1900.	U
50-32-8	Benzo(a)pyrene	1900.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900.	U
53-70-3	Dibenz(a,h)anthracene	1900.	U
191-24-2	Benzo(g,h,i)perylene	1900.	U
106-44-5	4-Methylphenol (p-Cresol)	1900.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	NR	
100-51-6	Benzyl alcohol	1900.	U
65-85-0	Benzoic acid	9600.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

SAMPLE ID ------->	039-S-B101-02
ORIGINAL ID ----->	039SB10102
LAB SAMPLE ID --->	26960.07
ID FROM REPORT -->	039SB10102
SAMPLE DATE ----->	09/16/96
DATE ANALYZED --->	09/22/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26960	VAL
74-87-3	Chloromethane	60.	U
74-83-9	Bromomethane	60.	UJ
75-01-4	Vinyl chloride	60.	U
75-00-3	Chloroethane	60.	U
75-09-2	Methylene chloride	30.	U
67-64-1	Acetone	83.	U
75-15-0	Carbon disulfide	30.	U
75-35-4	1,1-Dichloroethene	30.	U
75-34-3	1,1-Dichloroethane	30.	U
67-66-3	Chloroform	30.	U
107-06-2	1,2-Dichloroethane	30.	U
78-93-3	2-Butanone (MEK)	24.	U
71-55-6	1,1,1-Trichloroethane	30.	U
56-23-5	Carbon tetrachloride	30.	U
75-27-4	Bromodichloromethane	30.	U
78-87-5	1,2-Dichloropropane	30.	U
10061-01-5	cis-1,3-Dichloropropene	30.	U
79-01-6	Trichloroethene	30.	U
124-48-1	Dibromochloromethane	30.	U
79-00-5	1,1,2-Trichloroethane	30.	U
71-43-2	Benzene	30.	U
10061-02-6	trans-1,3-Dichloropropene	30.	U
75-25-2	Bromoform	30.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	60.	UJ
591-78-6	2-Hexanone	60.	UJ
127-18-4	Tetrachloroethene	30.	U
79-34-5	1,1,2,2-Tetrachloroethane	30.	U
108-88-3	Toluene	30.	U
108-90-7	Chlorobenzene	30.	U
100-41-4	Ethylbenzene	30.	U
100-42-5	Styrene	30.	U
1330-20-7	Xylene (Total)	30.	U
108-05-4	Vinyl acetate	60.	U
110-75-8	2-Chloroethyl vinyl ether	60.	UR
540-59-0	1,2-Dichloroethene (total)	30.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-8
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
108-95-2	Phenol	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U
95-57-8	2-Chlorophenol	11.	U
100-51-6	Benzyl alcohol	22.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U
67-72-1	Hexachloroethane	11.	U
98-95-3	Nitrobenzene	11.	U
78-59-1	Isophorone	11.	U
88-75-5	2-Nitrophenol	11.	U
105-67-9	2,4-Dimethylphenol	11.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U
120-83-2	2,4-Dichlorophenol	11.	U
91-20-3	Naphthalene	11.	U
106-47-8	4-Chloroaniline	22.	U
87-68-3	Hexachlorobutadiene	11.	U
59-50-7	4-Chloro-3-methylphenol	20.	U
91-57-6	2-Methylnaphthalene	11.	U
77-47-4	Hexachlorocyclopentadiene	11.	U
88-06-2	2,4,6-Trichlorophenol	11.	U
95-95-4	2,4,5-Trichlorophenol	11.	U
91-58-7	2-Chloronaphthalene	11.	U
88-74-4	2-Nitroaniline	56.	U
131-11-3	Dimethyl phthalate	11.	U
208-96-8	Acenaphthylene	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U
99-09-2	3-Nitroaniline	56.	U
83-32-9	Acenaphthene	11.	U
51-28-5	2,4-Dinitrophenol	56.	U
100-02-7	4-Nitrophenol	56.	U
132-64-9	Dibenzofuran	11.	U
121-14-2	2,4-Dinitrotoluene	11.	U
84-66-2	Diethylphthalate	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U
86-73-7	Fluorene	11.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-8
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
100-01-6	4-Nitroaniline	22.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	56.	U
86-30-6	N-Nitrosodiphenylamine	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U
118-74-1	Hexachlorobenzene	11.	U
87-86-5	Pentachlorophenol	56.	U
85-01-8	Phenanthrene	11.	U
120-12-7	Anthracene	11.	U
84-74-2	Di-n-butylphthalate	11.	U
206-44-0	Fluoranthene	11.	U
129-00-0	Pyrene	11.	U
85-68-7	Butylbenzylphthalate	11.	U
91-94-1	3,3'-Dichlorobenzidine	22.	U
56-55-3	Benzo(a)anthracene	11.	U
218-01-9	Chrysene	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U
117-84-0	Di-n-octyl phthalate	11.	U
205-99-2	Benzo(b)fluoranthene	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U
50-32-8	Benzo(a)pyrene	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	U
191-24-2	Benzo(g,h,i)perylene	11.	U
95-53-4	o-Toluidine	33.	U
1888-71-7	Hexachloropropene	11.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	11.	U
608-93-5	Pentachlorobenzene	11.	U
91-59-8	2-Naphthylamine	56.	U
134-32-7	1-Naphthylamine	56.	U
297-97-2	Thionazin	22.	U
99-55-8	5-Nitro-o-toluidine	11.	U
2303-16-4	Diallate	22.	U
298-02-2	Phorate	22.	U
62-44-2	Phenacetin	33.	U
60-51-5	Dimethoate	22.	U
92-67-1	4-Aminobiphenyl	56.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-8
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
23950-58-5	Pronamide	22.	U
298-04-4	Disulfoton	22.	U
298-00-0	Methyl parathion	22.	U
56-38-2	Parathion	11.	U
140-57-8	Aramite	33.	U
510-15-6	Chlorobenzilate	22.	U
119-93-7	3,3-Dimethylbenzidine	220.	U
52-85-7	Famphur	19.	U
53-96-3	Acetamidofluorene	22.	U
70-30-4	Hexachlorophene	11.	U
56-49-5	3-Methyl cholanthrene	11.	U
110-86-1	Pyridine	16.	U
76-01-7	Pentachloroethane	11.	U
62-75-9	N-Nitrosodimethylamine	22.	U
109-06-8	2-Picoline	33.	U
10595-95-6	N-Nitrosomethylethylamine	33.	U
66-27-3	Methyl methanesulfonate	22.	U
55-18-5	N-Nitrosodiethylamine	33.	U
62-50-0	Ethyl methanesulfonate	22.	U
62-53-3	Aniline	33.	U
930-55-2	N-Nitrosopyrrolidine	13.	U
59-89-2	N-Nitrosomorpholine	44.	U
98-86-2	Acetophenone	22.	U
87-65-0	2,6-Dichlorophenol	33.	U
100-75-4	N-Nitrosopiperidine	11.	U
924-16-3	N-Nitroso-di-n-butylamine	22.	U
120-58-1	Isosafrole	11.	U
94-59-7	Safrole	11.	U
130-15-4	1,4-Naphthoquinone	22.	U
99-65-0	1,3-Dinitrobenzene	22.	U
58-90-2	2,3,4,6-Tetrachlorophenol	33.	U
99-35-4	1,3,5-Trinitrobenzene	11.	U
82-68-8	Pentachloronitrobenzene	22.	U
88-85-7	Dinoseb	33.	U
3689-24-5	Sulfotep	22.	U
126-68-1	O,O,O-Triethylphosphorothioate	33.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-8
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
60-11-7	p-(Dimethylamino)azobenzene	33.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	11.	U
56-57-5	4-Nitroquinoline 1-oxide	22.	U
108-39-4	3-Methylphenol (m-Cresol)	33.	U
9900-32-2	3-Methylphenol/4-Methylphenol	11.	U
91-80-5	Methapyrilene	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-10
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	12/16/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U
57-74-9	Chlordane	1.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

'X9 VOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-2
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE ANALYZED --->	12/13/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L5992	VAL
74-87-3	Chloromethane	10.	U
75-01-4	Vinyl chloride	10.	U
74-83-9	Bromomethane	10.	U
75-00-3	Chloroethane	10.	UJ
75-69-4	Trichlorofluoromethane	5.	U
67-64-1	Acetone	10.	U
75-35-4	1,1-Dichloroethene	5.	U
75-15-0	Carbon disulfide	5.	U
75-09-2	Methylene chloride	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	5.	U
75-34-3	1,1-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
67-66-3	Chloroform	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
107-06-2	1,2-Dichloroethane	5.	U
71-43-2	Benzene	5.	U
79-01-6	Trichloroethene	41.	
78-87-5	1,2-Dichloropropane	5.	U
75-27-4	Bromodichloromethane	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
108-88-3	Toluene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
591-78-6	2-Hexanone	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U
127-18-4	Tetrachloroethene	14.	
124-48-1	Dibromochloromethane	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.	U
100-42-5	Styrene	5.	U
75-25-2	Bromoform	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U

*** Validati Complete ***

PX9 VOA

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-2
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE ANALYZED --->	12/13/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L5992	VAL
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
75-05-8	Acetonitrile	50.	UR
107-02-8	Acrolein	50.	U
107-13-1	Acrylonitrile	15.	U
107-05-1	3-Chloropropene	5.	U
106-93-4	1, 2-Dibromoethane	5.	U
74-95-3	Methylene bromide	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-71-8	Dichlorodifluoromethane	5.	U
123-91-1	1,4-Dioxane	200.	UR
107-12-0	Propionitrile	10.	U
97-63-2	Ethyl methacrylate	5.	U
74-88-4	Methyl iodide	5.	U
78-83-1	Isobutyl alcohol	100.	U
126-98-7	Methacrylonitrile	5.	U
80-62-6	Methyl methacrylate	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U
126-99-8	Chloroprene	10.	UR
76-01-7	Pentachloroethane	5.	U
71-36-3	n-Butyl alcohol	5.	U
99900-05-0	m+p Xylene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

X9-HERB

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-14
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	12/14/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
94-75-7	2,4-D	4.	U
93-72-1	2,4,5-TP (Silvex)	0.56	U
93-76-5	2,4,5-T	0.66	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE								
		SAMPLE ID ------->	039-H-W003-01	039-G-W04D-01				
		ORIGINAL ID ----->	039HW00301	039GW04D01				
		LAB SAMPLE ID --->	L5992-16	L5991-68				
		ID FROM REPORT -->	039HW00301	039GW04D01				
		SAMPLE DATE ----->	12/06/95	12/06/95				
		DATE EXTRACTED -->	12/19/95	12/19/95				
		DATE ANALYZED --->	12/19/95	12/19/95				
		MATRIX ---------->	Water	Water				
		UNITS ---------->	MG/L	MG/L				
CAS #	Parameter		L5992 VAL	L5991 VAL				
16887-00-6	Chloride		13.	16.				

*** Validation Complete ***

'ANIDE

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-18
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/08/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L5992	VAL
57-12-5	Cyanide (CN)	0.01	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	T960120
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/15/95
DATE EXTRACTED -->	01/03/96
DATE ANALYZED --->	01/10/96
MATRIX ---------->	Water
UNITS ---------->	pg/l

CAS #	Parameter	L5557	VAL
1746-01-6	2378-TCDD	9.4	U
40321-76-4	12378-PeCDD	13.3	U
39227-28-6	123478-HxCDD	14.5	U
57653-85-7	123678-HxCDD	14.3	U
19408-74-3	123789-HxCDD	13.3	U
35822-46-9	1234678-HpCDD	18.5	U
3268-87-9	OCDD	134.	U
51207-31-9	2378-TCDF	10.	U
57117-41-6	12378-PeCDF	11.7	U
57117-31-4	23478-PeCDF	11.2	U
70648-26-9	123478-HxCDF	15.2	U
57117-44-9	123678-HxCDF	11.4	U
60851-34-5	234678-HxCDF	14.7	U
72918-21-9	123789-HxCDF	16.1	U
67562-39-4	1234678-HpCDF	14.1	U
55673-89-7	1234789-HpCDF	20.9	U
39001-02-0	OCDF	18.9	U
41903-57-5	Total Tetra-Dioxins	9.4	U
36088-22-9	Total Penta-Dioxins	13.3	U
34465-46-8	Total Hexa-Dioxins	14.	U
37871-00-4	Total Hepta-Dioxins	18.5	U
55722-27-5	Total Tetra-Furans	10.	U
30602-15-4	Total Penta-Furans	11.5	U
55684-94-1	Total Hexa-Furans	14.1	U
38998-75-3	Total Hepta-Furans	16.8	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

:XACHROME

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-1
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/07/95
DATE ANALYZED --->	12/07/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L5992	VAL
18540-29-9	Chromium (Hexavalent)	0.032	

*** Validatic Complete ***

OP PEST

SAMPLE ID ------->	039-H-W003-01
ORIGINAL ID ----->	039HW00301
LAB SAMPLE ID --->	L5992-15
ID FROM REPORT -->	039HW00301
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/10/95
DATE ANALYZED --->	12/18/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5992	VAL
60-51-5	Dimethoate	3.3	UJ
298-04-4	Disulfoton	2.2	U
52-85-7	Famphur	3.3	U
56-38-2	Parathion	3.3	U
298-00-0	Methyl parathion	3.3	U
298-02-2	Phorate	2.2	U
3689-24-5	Sulfotep	3.3	U
297-97-2	Thionazin	3.3	U
126-68-1	O,O,O-Triethylphosphorothioate	3.3	U

*** Validation Complete ***

ULFATE							
	SAMPLE ID ------->	039-H-W003-01	039-G-W04D-01				
	ORIGINAL ID ----->	039HW00301	039GW04D01				
	LAB SAMPLE ID --->	L5992-16	L5991-68				
	ID FROM REPORT -->	039HW00301	039GW04D01				
	SAMPLE DATE ----->	12/06/95	12/06/95				
	DATE EXTRACTED -->	12/18/95	12/18/95				
	DATE ANALYZED --->	12/18/95	12/18/95				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	L5992 VAL	L5991 VAL				
14808-79-8	Sulfate	18.	11.				

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-G-W001-01		039-G-W002-01		039-G-W003-01		039-H-W003-01		039-G-W004-01		039-G-W005-01	
	ORIGINAL ID ----->	039GW00101		039GW00201		039GW00301		039HW00301		039GW00401		039GW00501	
	LAB SAMPLE ID --->	L5991-63		L5970-55		L5991-67		L5992-17		L5991-65		L5991-64	
	ID FROM REPORT -->	039GW00101		039GW00201		039GW00301		039HW00301		039GW00401		039GW00501	
	SAMPLE DATE ----->	12/06/95		12/05/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE EXTRACTED -->	12/13/95		12/13/95		12/13/95		12/13/95		12/13/95		12/13/95	
	DATE ANALYZED --->	12/15/95		12/15/95		12/15/95		12/15/95		12/15/95		12/15/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5970	VAL	L5991	VAL	L5992	VAL	L5991	VAL	L5991	VAL
7429-90-5	Aluminum (Al)	197.	J	2490.		421.		993.		144.	J	1380.	
7440-36-0	Antimony (Sb)	51.	U	51.	U	51.	U	51.	U	51.	U	51.	U
7440-38-2	Arsenic (As)	43.8		33.1		4.	U	4.	U	42.6		61.3	J
7440-39-3	Barium (Ba)	36.7	J	44.2	J	25.7	J	27.6	J	56.1	J	50.6	J
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-70-2	Calcium (Ca)	64600.		70000.		61100.		61100.		57000.		76000.	
7440-47-3	Chromium (Cr)	4.	U	8.3	J	4.	U	4.	U	4.	U	5.8	J
7440-48-4	Cobalt (Co)	6.	U	8.7	J	6.	U	6.	U	6.	U	6.	U
7440-50-8	Copper (Cu)	3.	U	9.8	J	3.	U	3.	U	3.	U	10.8	J
7439-89-6	Iron (Fe)	36600.	J	9330.	J	917.	J	1860.	J	13200.	J	54400.	J
7439-92-1	Lead (Pb)	3.	U	3.6		3.	U	3.	U	3.	U	3.	U
7439-95-4	Magnesium (Mg)	7560.		3740.	J	3780.	J	3850.	J	3340.	J	5360.	
7439-96-5	Manganese (Mn)	904.		1240.		51.6		53.7		2020.		2050.	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
7440-09-7	Potassium (K)	3260.	J	1920.	J	1430.	J	1200.	J	1460.	J	1390.	J
7782-49-2	Selenium (Se)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-22-4	Silver (Ag)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-23-5	Sodium (Na)	19000.	J	18500.	J	20600.	J	20600.	J	14900.	J	18900.	J
7440-28-0	Thallium (Tl)	4.	U	4.	UJ	4.	UJ	4.	UJ	4.	UJ	4.	UJ
7440-62-2	Vanadium (V)	4.	U	5.6	J	4.	U	4.1	J	4.	U	4.	U
7440-66-6	Zinc (Zn)	4.1	U	66.1		10.6	U	6.8	U	5.5	U	65.2	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

SAMPLE ID ------->	039-G-W04D-01
ORIGINAL ID ----->	039GW04D01
LAB SAMPLE ID --->	L5991-66
ID FROM REPORT -->	039GW04D01
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/13/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5991	VAL
7429-90-5	Aluminum (Al)	67.4	J
7440-36-0	Antimony (Sb)	51.	U
7440-38-2	Arsenic (As)	4.	U
7440-39-3	Barium (Ba)	14.	U
7440-41-7	Beryllium (Be)	1.	U
7440-43-9	Cadmium (Cd)	5.	U
7440-70-2	Calcium (Ca)	53500.	
7440-47-3	Chromium (Cr)	4.	U
7440-48-4	Cobalt (Co)	6.	U
7440-50-8	Copper (Cu)	3.	U
7439-89-6	Iron (Fe)	395.	J
7439-92-1	Lead (Pb)	3.	U
7439-95-4	Magnesium (Mg)	3540.	J
7439-96-5	Manganese (Mn)	91.5	
7439-97-6	Mercury (Hg)	0.2	U
7440-02-0	Nickel (Ni)	14.	U
7440-09-7	Potassium (K)	649.	J
7782-49-2	Selenium (Se)	3.	U
7440-22-4	Silver (Ag)	3.	U
7440-23-5	Sodium (Na)	12400.	J
7440-28-0	Thallium (Tl)	4.	UJ
7440-62-2	Vanadium (V)	4.	U
7440-66-6	Zinc (Zn)	11.7	U
7440-31-5	Tin (Sn)	NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST													
	SAMPLE ID ------->	039-G-W001-01		039-G-W002-01		039-H-W003-01		039-G-W003-01		039-G-W004-01		039-G-W005-01	
	ORIGINAL ID ----->	039GW00101		039GW00201		039HW00301		039GW00301		039GW00401		039GW00501	
	LAB SAMPLE ID --->	L5991-43		L5970-39		L5992-10		L5991-51		L5991-47		L5991-45	
	ID FROM REPORT -->	039GW00101		039GW00201		039HW00301		039GW00301		039GW00401		039GW00501	
	SAMPLE DATE ----->	12/06/95		12/05/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE EXTRACTED -->	12/11/95		12/11/95		12/12/95		12/11/95		12/11/95		12/11/95	
	DATE ANALYZED --->	12/15/95		12/15/95		12/16/95		12/15/95		12/15/95		12/15/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5970	VAL	L5992	VAL	L5991	VAL	L5991	VAL	L5991	VAL
319-84-6	alpha-BHC	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
309-00-2	Aldrin	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	UJ	0.05	U	0.048	U	0.05	UJ	0.05	U
72-55-9	4,4'-DDE	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
60-57-1	Dieldrin	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
72-20-8	Endrin	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	UJ	0.1	U	0.096	U	0.1	UJ	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	UJ	0.5	U	0.48	U	0.5	UJ	0.5	U
8001-35-2	Toxaphene	5.	U	5.	UJ	5.	U	4.8	U	5.	UJ	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	UJ	2.	U	1.9	U	2.	UJ	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
57-74-9	Chlordane	1.	U	1.	UJ	1.	U	0.96	U	1.	UJ	1.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		0.05	U	NR		NR		NR	
143-50-0	Kepone	NR		NR		0.05	U	NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-PEST

SAMPLE ID ------->	039-G-W04D-01
ORIGINAL ID ----->	039GW04D01
LAB SAMPLE ID --->	L5991-49
ID FROM REPORT -->	039GW04D01
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/11/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5991	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
319-86-8	delta-BHC	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
959-98-8	Endosulfan I	0.05	U
5103-71-9	alpha-Chlordane	0.05	U
72-55-9	4,4'-DDE	0.1	U
50-29-3	4,4'-DDT	0.1	U
60-57-1	Dieldrin	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
72-43-5	Methoxychlor	0.5	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U
57-74-9	Chlordane	1.	U
53494-70-5	Endrin ketone	NR	
465-73-6	Isodrin	NR	
143-50-0	Kepone	NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	039-G-W001-01		039-G-W002-01		039-G-W003-01		039-G-W004-01		039-G-W005-01		039-G-W04D-01	
	ORIGINAL ID ----->	039GW00101		039GW00201		039GW00301		039GW00401		039GW00501		039GW04D01	
	LAB SAMPLE ID --->	L5991-33		L5970-29		L5991-41		L5991-37		L5991-35		L5991-39	
	ID FROM REPORT -->	039GW00101		039GW00201		039GW00301		039GW00401		039GW00501		039GW04D01	
	SAMPLE DATE ----->	12/06/95		12/05/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE EXTRACTED -->	12/11/95		12/11/95		12/11/95		12/11/95		12/11/95		12/11/95	
	DATE ANALYZED --->	12/22/95		12/22/95		12/22/95		12/22/95		12/22/95		12/22/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5970	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
108-95-2	Phenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
95-57-8	2-Chlorophenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
541-73-1	1,3-Dichlorobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
100-51-6	Benzyl alcohol	21.	U	23.	U	21.	U	21.	U	23.	U	21.	U
95-50-1	1,2-Dichlorobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
67-72-1	Hexachloroethane	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
98-95-3	Nitrobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
78-59-1	Isophorone	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
88-75-5	2-Nitrophenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
105-67-9	2,4-Dimethylphenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
65-85-0	Benzoic acid	52.	UJ	58.	UJ	53.	UJ	53.	UJ	57.	UJ	53.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
91-20-3	Naphthalene	10.	U	12.	U	11.	U	11.	U	9.1	J	11.	U
106-47-8	4-Chloroaniline	21.	U	23.	U	21.	U	21.	U	23.	U	21.	U
87-68-3	Hexachlorobutadiene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	21.	U	23.	U	21.	U	21.	U	23.	U	21.	U
91-57-6	2-Methylnaphthalene	10.	U	12.	U	11.	U	11.	U	13.		11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
91-58-7	2-Chloronaphthalene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
88-74-4	2-Nitroaniline	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U
131-11-3	Dimethyl phthalate	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
208-96-8	Acenaphthylene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
99-09-2	3-Nitroaniline	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U
83-32-9	Acenaphthene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
51-28-5	2,4-Dinitrophenol	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U
100-02-7	4-Nitrophenol	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

#846-SVOA

	SAMPLE ID ------->	039-G-W001-01		039-G-W002-01		039-G-W003-01		039-G-W004-01		039-G-W005-01		039-G-W04D-01	
	ORIGINAL ID ----->	039GW00101		039GW00201		039GW00301		039GW00401		039GW00501		039GW04D01	
	LAB SAMPLE ID --->	L5991-33		L5970-29		L5991-41		L5991-37		L5991-35		L5991-39	
	ID FROM REPORT -->	039GW00101		039GW00201		039GW00301		039GW00401		039GW00501		039GW04D01	
	SAMPLE DATE ----->	12/06/95		12/05/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE EXTRACTED -->	12/11/95		12/11/95		12/11/95		12/11/95		12/11/95		12/11/95	
	DATE ANALYZED --->	12/22/95		12/22/95		12/22/95		12/22/95		12/22/95		12/22/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5970	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
132-64-9	Dibenzofuran	10.	U	12.	U	11.	U	11.	U	4.6	J	11.	U
121-14-2	2,4-Dinitrotoluene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
84-66-2	Diethylphthalate	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
86-73-7	Fluorene	10.	U	12.	U	11.	U	11.	U	4.	J	11.	U
100-01-6	4-Nitroaniline	21.	U	23.	UJ	21.	U	21.	U	23.	U	21.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
118-74-1	Hexachlorobenzene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
87-86-5	Pentachlorophenol	52.	U	58.	U	53.	U	53.	U	57.	U	53.	U
85-01-8	Phenanthrene	10.	U	12.	U	11.	U	11.	U	3.	J	11.	U
120-12-7	Anthracene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
86-74-8	Carbazole	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
84-74-2	Di-n-butylphthalate	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
206-44-0	Fluoranthene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
129-00-0	Pyrene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
85-68-7	Butylbenzylphthalate	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	21.	U	23.	U	21.	U	21.	U	23.	U	21.	U
56-55-3	Benzo(a)anthracene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
218-01-9	Chrysene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
117-84-0	Di-n-octyl phthalate	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
205-99-2	Benzo(b)fluoranthene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
207-08-9	Benzo(k)fluoranthene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
50-32-8	Benzo(a)pyrene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	12.	U	11.	U	11.	U	11.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-F-P005-01		039-F-P005-10		039-F-P005-11		039-F-P005-12		039-F-P005-13		039-F-P005-21	
	ORIGINAL ID ----->	039FP00501		039FP00510		039FP00511		039FP00512		039FP00513		039FP00521	
	LAB SAMPLE ID --->	L5991-69		L5991-82		L5991-78		L5991-76		L5991-83		L5991-70	
	ID FROM REPORT -->	039FP00501		039FP00510		039FP00511		039FP00512		039FP00513		039FP00521	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/15/95		12/15/95		12/13/95		12/15/95		12/13/95	
	MATRIX ---------->	Water		Soil		Soil		Water		Soil		Water	
	UNITS ---------->	UG/L		UG/KG		UG/KG		UG/L		UG/KG		UG/L	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
74-87-3	Chloromethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-01-4	Vinyl chloride	3.9	J	2.6	J	2.3	J	3.3	J	4.9	U	3.8	J
74-83-9	Bromomethane	2.5	J	4.7	U	1.7	J	5.	U	4.9	U	5.	U
75-00-3	Chloroethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
67-64-1	Acetone	10.	U	9.4	U	9.2	U	13.	U	26.	U	10.	U
75-35-4	1,1-Dichloroethene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-15-0	Carbon disulfide	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-09-2	Methylene chloride	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
108-05-4	Vinyl acetate	10.	U	9.4	U	9.2	U	10.	U	9.7	U	10.	U
75-34-3	1,1-Dichloroethane	2.5	J	1.8	J	1.7	J	2.1	J	4.9	U	2.3	J
78-93-3	2-Butanone (MEK)	10.	U	9.4	U	9.2	U	4.2	J	9.7	U	6.4	J
156-59-2	cis-1,2-Dichloroethene	5.	U	1.4	J	1.3	J	1.5	J	4.9	U	1.9	J
67-66-3	Chloroform	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
71-43-2	Benzene	120.		90.		82.		97.		17.		110.	
79-01-6	Trichloroethene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-27-4	Bromodichloromethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	19.	U	18.	U	20.	U	19.	U	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	9.4	U	9.2	U	10.	U	9.7	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
108-88-3	Toluene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
591-78-6	2-Hexanone	10.	U	9.4	U	9.2	U	10.	U	9.7	U	4.8	J
79-00-5	1,1,2-Trichloroethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
127-18-4	Tetrachloroethene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
124-48-1	Dibromochloromethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
108-90-7	Chlorobenzene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
100-41-4	Ethylbenzene	3.1	J	2.4	J	2.2	J	2.5	J	4.9	U	3.2	J
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	1.2	J	4.7	U	4.6	U	5.	U	4.9	U	1.2	J
100-42-5	Styrene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
75-25-2	Bromoform	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

#846-VOA													
	SAMPLE ID ------->	039-F-P005-01		039-F-P005-10		039-F-P005-11		039-F-P005-12		039-F-P005-13		039-F-P005-21	
	ORIGINAL ID ----->	039FP00501		039FP00510		039FP00511		039FP00512		039FP00513		039FP00521	
	LAB SAMPLE ID --->	L5991-69		L5991-82		L5991-78		L5991-76		L5991-83		L5991-70	
	ID FROM REPORT -->	039FP00501		039FP00510		039FP00511		039FP00512		039FP00513		039FP00521	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/15/95		12/15/95		12/13/95		12/15/95		12/13/95	
	MATRIX ---------->	Water		Soil		Soil		Water		Soil		Water	
	UNITS ---------->	UG/L		UG/KG		UG/KG		UG/L		UG/KG		UG/L	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	4.7	U	4.6	U	5.	U	4.9	U	1.5	J
541-73-1	1,3-Dichlorobenzene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	4.7	U	4.6	U	5.	U	4.9	U	5.	U
99900-05-0	m+p Xylene	2.1	J	1.1	J	1.2	J	5.	U	4.9	U	2.	J
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-F-P005-31		039-F-P005-41		039-F-P005-51		039-F-P005-61		039-F-P005-71		039-F-P005-81	
	ORIGINAL ID ----->	039FP00531		039FP00541		039FP00551		039FP00561		039FP00571		039FP00581	
	LAB SAMPLE ID --->	L5991-71		L5991-79		L5991-72		L5991-80		L5991-73		L5991-81	
	ID FROM REPORT -->	039FP00531		039FP00541		039FP00551		039FP00561		039FP00571		039FP00581	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/15/95		12/13/95		12/15/95		12/13/95		12/15/95	
	MATRIX ---------->	Water		Soil		Water		Soil		Water		Soil	
	UNITS ---------->	UG/L		UG/KG		UG/L		UG/KG		UG/L		UG/KG	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
74-87-3	Chloromethane	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
75-01-4	Vinyl chloride	3.8	J	2.2	J	3.7	J	2.8	J	3.6	J	4.7	U
74-83-9	Bromomethane	5.	U	2.	J	5.	U	4.7	U	5.	U	4.7	U
75-00-3	Chloroethane	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
75-69-4	Trichlorofluoromethane	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
67-64-1	Acetone	10.	U	12.	UJ	10.	U	9.4	U	10.	U	9.3	U
75-35-4	1,1-Dichloroethene	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
75-15-0	Carbon disulfide	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
75-09-2	Methylene chloride	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
156-60-5	trans-1,2-Dichloroethene	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
108-05-4	Vinyl acetate	10.	U	9.3	UJ	10.	U	9.4	U	10.	U	9.3	U
75-34-3	1,1-Dichloroethane	2.3	J	1.7	J	2.3	J	1.8	J	2.2	J	1.7	J
78-93-3	2-Butanone (MEK)	10.	U	9.3	UJ	10.	U	9.4	U	10.	U	9.3	U
156-59-2	cis-1,2-Dichloroethene	1.7	J	1.4	J	1.6	J	1.5	J	1.7	J	1.3	J
67-66-3	Chloroform	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
71-55-6	1,1,1-Trichloroethane	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
56-23-5	Carbon tetrachloride	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
107-06-2	1,2-Dichloroethane	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
71-43-2	Benzene	120.		85.		120.		94.		110.		80.	
79-01-6	Trichloroethene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
78-87-5	1,2-Dichloropropane	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
75-27-4	Bromodichloromethane	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	19.	UJ	20.	U	19.	U	20.	U	19.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	9.3	U	10.	U	9.4	U	10.	U	9.3	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
108-88-3	Toluene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
591-78-6	2-Hexanone	10.	U	9.3	U	10.	U	9.4	U	10.	U	9.3	U
79-00-5	1,1,2-Trichloroethane	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
127-18-4	Tetrachloroethene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
124-48-1	Dibromochloromethane	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
108-90-7	Chlorobenzene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
100-41-4	Ethylbenzene	3.	J	2.3	J	2.9	J	2.5	J	2.9	J	2.1	J
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	1.	J	4.7	U	5.	U	4.7	U	5.	U	4.7	U
100-42-5	Styrene	5.	U	4.7	U	5.	U	4.7	U	5.	U	4.7	U
75-25-2	Bromoform	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA													
	SAMPLE ID ------->	039-F-P005-31		039-F-P005-41		039-F-P005-51		039-F-P005-61		039-F-P005-71		039-F-P005-81	
	ORIGINAL ID ----->	039FP00531		039FP00541		039FP00551		039FP00561		039FP00571		039FP00581	
	LAB SAMPLE ID --->	L5991-71		L5991-79		L5991-72		L5991-80		L5991-73		L5991-81	
	ID FROM REPORT -->	039FP00531		039FP00541		039FP00551		039FP00561		039FP00571		039FP00581	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/15/95		12/13/95		12/15/95		12/13/95		12/15/95	
	MATRIX ---------->	Water		Soil		Water		Soil		Water		Soil	
	UNITS ---------->	UG/L		UG/KG		UG/L		UG/KG		UG/L		UG/KG	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL	L5991	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
541-73-1	1,3-Dichlorobenzene	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
106-46-7	1,4-Dichlorobenzene	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
95-50-1	1,2-Dichlorobenzene	5.	U	4.7	UJ	5.	U	4.7	U	5.	U	4.7	U
99900-05-0	m+p Xylene	5.	U	1.2	J	5.	U	1.2	J	5.	U	1.2	J
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA															
	SAMPLE ID ------->	039-F-P005-91		039-G-W001-01		039-G-W002-01		039-G-W003-01		039-G-W004-01		039-G-W005-01	
	ORIGINAL ID ----->	039FP00591		039GW00101		039GW00201		039GW00301		039GW00401		039GW00501	
	LAB SAMPLE ID --->	L5991-74		L5991-1		L5970-13		L5991-13		L5991-7		L5991-4	
	ID FROM REPORT -->	039FP00591		039GW00101		039GW00201		039GW00301		039GW00401		039GW00501	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/05/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/19/95		12/15/95		12/19/95		12/15/95		12/15/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5970	VAL	L5991	VAL	L5991	VAL	L5991	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-01-4	Vinyl chloride	3.7	J	5.	U	5.	U	5.	U	5.	U	1.9	J
74-83-9	Bromomethane	5.	U	5.	UJ	5.	UJ	5.	UJ	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	2.4	J	5.	U	5.	U	5.	U	5.	U	1.1	J
78-93-3	2-Butanone (MEK)	10.	U	3.3	J	10.	U	10.	U	3.2	J	10.	U
156-59-2	cis-1,2-Dichloroethene	1.7	J	5.	U	5.	U	4.8	J	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	120.		25.		5.	U	5.	U	5.	U	90.	
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	41.		5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	2.	J	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	17.		5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	2.9	J	10.		5.	U	5.	U	5.	U	1.4	J
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.	U	1.3	J	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA	SAMPLE ID ------->	039-F-P005-91		039-G-W001-01		039-G-W002-01		039-G-W003-01		039-G-W004-01		039-G-W005-01	
	ORIGINAL ID ----->	039FP00591		039GW00101		039GW00201		039GW00301		039GW00401		039GW00501	
	LAB SAMPLE ID --->	L5991-74		L5991-1		L5970-13		L5991-13		L5991-7		L5991-4	
	ID FROM REPORT -->	039FP00591		039GW00101		039GW00201		039GW00301		039GW00401		039GW00501	
	SAMPLE DATE ----->	12/06/95		12/06/95		12/05/95		12/06/95		12/06/95		12/06/95	
	DATE ANALYZED --->	12/13/95		12/19/95		12/15/95		12/19/95		12/15/95		12/15/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5991	VAL	L5991	VAL	L5970	VAL	L5991	VAL	L5991	VAL	L5991	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99900-05-0	m+p Xylene	5.	U	91.		5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	039-G-W04D-01
ORIGINAL ID ----->	039GW04D01
LAB SAMPLE ID --->	L5991-10
ID FROM REPORT -->	039GW04D01
SAMPLE DATE ----->	12/06/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L5991	VAL
74-87-3	Chloromethane	5.	U
75-01-4	Vinyl chloride	5.	U
74-83-9	Bromomethane	5.	U
75-00-3	Chloroethane	5.	U
75-69-4	Trichlorofluoromethane	5.	U
67-64-1	Acetone	10.	U
75-35-4	1,1-Dichloroethene	5.	U
75-15-0	Carbon disulfide	5.	U
75-09-2	Methylene chloride	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	10.	U
75-34-3	1,1-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
156-59-2	cis-1,2-Dichloroethene	5.	U
67-66-3	Chloroform	5.1	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
107-06-2	1,2-Dichloroethane	5.	U
71-43-2	Benzene	5.	U
79-01-6	Trichloroethene	5.	U
78-87-5	1,2-Dichloropropane	5.	U
75-27-4	Bromodichloromethane	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
108-88-3	Toluene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
591-78-6	2-Hexanone	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U
127-18-4	Tetrachloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.	U
100-42-5	Styrene	5.	U
75-25-2	Bromoform	5.	U

*** Validation Complete ***

8846-VOA

SAMPLE ID ------->	039-G-W04D-01
ORIGINAL ID ----->	039GW04D01
LAB SAMPLE ID --->	L5991-10
ID FROM REPORT -->	039GW04D01
SAMPLE DATE ----->	12/06/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5991	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
99900-05-0	m+p Xylene	5.	U
540-59-0	1,2-Dichloroethene (total)	NR	

*** Validati Complete ***

TDS								
	SAMPLE ID ------->	039-H-W003-01		039-G-W04D-01				
	ORIGINAL ID ----->	039HW00301		039GW04D01				
	LAB SAMPLE ID --->	L5992-16		L5991-68				
	ID FROM REPORT -->	039HW00301		039GW04D01				
	SAMPLE DATE ----->	12/06/95		12/06/95				
	DATE EXTRACTED -->	12/13/95		12/13/95				
	DATE ANALYZED --->	12/13/95		12/13/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	MG/L		MG/L				
CAS #	Parameter	L5992	VAL	L5991	VAL			
999900-07-2	Total Dissolved Solids (TDS)	240.		200.				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH

	SAMPLE ID ------->	039-G-W001-01		039-G-W002-01		039-G-W003-01		039-H-W003-01		039-G-W004-01		039-G-W005-01	
	ORIGINAL ID ----->	039GW00101		039GW00201		039GW00301		039HW00301		039GW00401		039GW00501	
	LAB SAMPLE ID --->	L5991-53		L5970-49		L5991-61		L5992-12		L5991-57		L5991-55	
	ID FROM REPORT -->	039GW00101		039GW00201		039GW00301		039HW00301		039GW00401		039GW00501	
	SAMPLE DATE ----->	12/06/95		12/05/95		12/06/95		12/06/95		12/06/95		12/06/95	
	DATE EXTRACTED -->	12/11/95		12/11/95		12/11/95		12/11/95		12/11/95		12/11/95	
	DATE ANALYZED --->	12/15/95		12/15/95		12/16/95		12/15/95		12/15/95		12/15/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L5991	VAL	L5970	VAL	L5991	VAL	L5992	VAL	L5991	VAL	L5991	VAL
99900-02-6	TPH - Diesel Range Organics	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	UJ
99900-02-5	TPH - Gasoline Range Organics	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.	UJ

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH

SAMPLE ID ------->	039-G-W04D-01
ORIGINAL ID ----->	039GW04D01
LAB SAMPLE ID --->	L5991-59
ID FROM REPORT -->	039GW04D01
SAMPLE DATE ----->	12/06/95
DATE EXTRACTED -->	12/11/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L5991	VAL
99900-02-6	TPH - Diesel Range Organics	1.1	U
99900-02-5	TPH - Gasoline Range Organics	1.1	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P-9 SVOA

SAMPLE ID ------->	039-H-W003-04		039-H-W011-04				
ORIGINAL ID ----->	039HW00304		039HW01104				
LAB SAMPLE ID --->	6414-05		6450-05RE				
ID FROM REPORT -->	039HW00304		039HW01104				
SAMPLE DATE ----->	10/08/96		10/10/96				
DATE EXTRACTED -->	10/10/96		10/17/96				
DATE ANALYZED --->	11/01/96		11/11/96				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS # Parameter	6414	VAL	6414	VAL			
108-95-2 Phenol	10.	U	11.	U			
111-44-4 bis(2-Chloroethyl)ether	10.	U	11.	U			
95-57-8 2-Chlorophenol	10.	U	11.	U			
541-73-1 1,3-Dichlorobenzene	10.	U	11.	U			
106-46-7 1,4-Dichlorobenzene	10.	U	11.	U			
100-51-6 Benzyl alcohol	10.	U	11.	U			
95-50-1 1,2-Dichlorobenzene	10.	U	11.	U			
95-48-7 2-Methylphenol (o-Cresol)	10.	U	11.	U			
108-60-1 2,2'-oxybis(1-Chloropropane)	10.	U	11.	UJ			
106-44-5 4-Methylphenol (p-Cresol)	10.	U	15.				
621-64-7 N-Nitroso-di-n-propylamine	10.	U	11.	U			
67-72-1 Hexachloroethane	10.	U	11.	U			
98-95-3 Nitrobenzene	10.	U	11.	U			
78-59-1 Isophorone	10.	U	11.	U			
88-75-5 2-Nitrophenol	10.	U	11.	U			
105-67-9 2,4-Dimethylphenol	10.	U	10.	J			
65-85-0 Benzoic acid	50.	U	57.	UJ			
111-91-1 bis(2-Chloroethoxy)methane	10.	U	11.	U			
120-83-2 2,4-Dichlorophenol	10.	U	11.	U			
120-82-1 1,2,4-Trichlorobenzene	10.	U	11.	U			
91-20-3 Naphthalene	10.	U	390.	D			
106-47-8 4-Chloroaniline	10.	U	11.	U			
87-68-3 Hexachlorobutadiene	10.	U	11.	U			
59-50-7 4-Chloro-3-methylphenol	10.	U	11.	U			
91-57-6 2-Methylnaphthalene	10.	U	210.				
77-47-4 Hexachlorocyclopentadiene	10.	U	11.	U			
88-06-2 2,4,6-Trichlorophenol	10.	U	11.	U			
95-95-4 2,4,5-Trichlorophenol	25.	U	28.	U			
91-58-7 2-Chloronaphthalene	10.	U	11.	U			
88-74-4 2-Nitroaniline	25.	U	28.	U			
131-11-3 Dimethyl phthalate	10.	U	11.	U			
208-96-8 Acenaphthylene	10.	U	11.	U			
606-20-2 2,6-Dinitrotoluene	10.	U	11.	U			
99-09-2 3-Nitroaniline	25.	UJ	28.	U			
83-32-9 Acenaphthene	10.	U	3.	J			
51-28-5 2,4-Dinitrophenol	25.	UJ	28.	UJ			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

-9 SVOA

	SAMPLE ID ------->	039-H-W003-04		039-H-W011-04					
	ORIGINAL ID ----->	039HW00304		039HW01104					
	LAB SAMPLE ID --->	6414-05		6450-05RE					
	ID FROM REPORT -->	039HW00304		039HW01104					
	SAMPLE DATE ----->	10/08/96		10/10/96					
	DATE EXTRACTED -->	10/10/96		10/17/96					
	DATE ANALYZED --->	11/01/96		11/11/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	6414	VAL	6414	VAL				
100-02-7	4-Nitrophenol	25.	U	28.	UJ				
132-64-9	Dibenzofuran	10.	U	9.	J				
121-14-2	2,4-Dinitrotoluene	10.	U	11.	U				
84-66-2	Diethylphthalate	10.	U	11.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	11.	U				
86-73-7	Fluorene	10.	U	8.	J				
100-01-6	4-Nitroaniline	25.	U	28.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UJ	28.	U				
86-30-6	N-Nitrosodiphenylamine	10.	U	2.	J				
101-55-3	4-Bromophenyl-phenylether	10.	U	11.	U				
118-74-1	Hexachlorobenzene	10.	U	11.	U				
87-86-5	Pentachlorophenol	25.	U	28.	U				
85-01-8	Phenanthrene	10.	U	8.	J				
120-12-7	Anthracene	10.	U	11.	U				
84-74-2	Di-n-butylphthalate	10.	U	11.	U				
206-44-0	Fluoranthene	10.	U	11.	U				
129-00-0	Pyrene	10.	U	11.	U				
85-68-7	Butylbenzylphthalate	10.	U	11.	U				
91-94-1	3,3'-Dichlorobenzidine	10.	UJ	11.	U				
56-55-3	Benzo(a)anthracene	10.	U	11.	U				
218-01-9	Chrysene	10.	U	11.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	2.	J	8.	J				
117-84-0	Di-n-octyl phthalate	10.	U	11.	U				
205-99-2	Benzo(b)fluoranthene	10.	U	11.	U				
207-08-9	Benzo(k)fluoranthene	10.	U	11.	U				
50-32-8	Benzo(a)pyrene	10.	U	11.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	11.	U				
53-70-3	Dibenz(a,h)anthracene	10.	U	11.	U				
191-24-2	Benzo(g,h,i)perylene	10.	U	11.	U				
110-86-1	Pyridine	10.	U	11.	U				
62-75-9	N-Nitrosodimethylamine	10.	U	11.	U				
109-06-8	2-Picoline	25.	U	28.	U				
0595-95-6	N-Nitrosomethylethylamine	25.	U	28.	U				
66-27-3	Methyl methanesulfonate	10.	U	11.	U				
55-18-5	N-Nitrosodiethylamine	20.	U	23.	U				
62-50-0	Ethyl methanesulfonate	20.	U	23.	U				

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP-9 SVOA									
	SAMPLE ID ------->	039-H-W003-04		039-H-W011-04					
	ORIGINAL ID ----->	039HW00304		039HW01104					
	LAB SAMPLE ID --->	6414-05		6450-05RE					
	ID FROM REPORT -->	039HW00304		039HW01104					
	SAMPLE DATE ----->	10/08/96		10/10/96					
	DATE EXTRACTED -->	10/10/96		10/17/96					
	DATE ANALYZED --->	11/01/96		11/11/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	6414	VAL	6414	VAL				
95-49-8	o-Chlorotoluene	10.	U	11.	U				
106-43-4	p-Chlorotoluene	10.	U	11.	U				
62-53-3	Aniline	10.	U	11.	U				
930-55-2	N-Nitrosopyrrolidine	40.	U	45.	U				
98-86-2	Acetophenone	10.	U	11.	U				
59-89-2	N-Nitrosomorpholine	10.	U	11.	U				
95-53-4	o-Toluidine	10.	U	11.	U				
100-75-4	N-Nitrosopiperidine	20.	U	23.	U				
87-61-6	1,2,3-Trichlorobenzene	10.	U	11.	U				
126-68-1	O,O,O-Triethylphosphorothioate	10.	U	11.	U				
122-09-8	a,a-Dimethylphenethylamine	40.	U	45.	UJ				
87-65-0	2,6-Dichlorophenol	10.	U	11.	U				
1888-71-7	Hexachloropropene	10.	U	11.	U				
106-50-3	p-Phenylenediamine	100.	U	110.	UJ				
924-16-3	N-Nitroso-di-n-butylamine	10.	U	11.	U				
90-13-1	1-Chloronaphthalene	10.	U	11.	U				
94-59-7	Safrole	10.	U	11.	U				
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	U	11.	U				
120-58-1	Isosafrole	10.	U	11.	UJ				
130-15-4	1,4-Naphthoquinone	10.	U	11.	U				
99-65-0	1,3-Dinitrobenzene	20.	U	23.	U				
608-93-5	Pentachlorobenzene	10.	U	11.	U				
134-32-7	1-Naphthylamine	10.	U	11.	U				
91-59-8	2-Naphthylamine	10.	U	11.	U				
58-90-2	2,3,4,6-Tetrachlorophenol	10.	U	11.	U				
92-87-5	Benzidine	25.	U	28.	U				
99-55-8	5-Nitro-o-toluidine	10.	U	11.	U				
122-39-4	Diphenylamine	10.	U	11.	U				
465-73-6	Isodrin	10.	U	11.	U				
103-33-3	Azobenzene	10.	U	11.	U				
99-35-4	1,3,5-Trinitrobenzene	10.	U	11.	U				
62-44-2	Phenacetin	20.	U	23.	U				
297-97-2	Thionazin	20.	U	23.	U				
92-67-1	4-Aminobiphenyl	20.	U	23.	U				
82-68-8	Pentachloronitrobenzene	20.	U	23.	U				
23950-58-5	Pronamide	10.	U	11.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P-9 SVOA

SAMPLE ID ------->	039-H-W003-04		039-H-W011-04		
ORIGINAL ID ----->	039HW00304		039HW01104		
LAB SAMPLE ID --->	6414-05		6450-05RE		
ID FROM REPORT -->	039HW00304		039HW01104		
SAMPLE DATE ----->	10/08/96		10/10/96		
DATE EXTRACTED -->	10/10/96		10/17/96		
DATE ANALYZED --->	11/01/96		11/11/96		
MATRIX ---------->	Water		Water		
UNITS ---------->	UG/L		UG/L		

CAS #	Parameter	6414	VAL	6414	VAL
88-85-7	Dinoseb	20.	U	23.	U
56-57-5	4-Nitroquinoline 1-oxide	40.	U	45.	U
91-80-5	Methapyrilene	100.	U	110.	U
140-57-8	Aramite	20.	U	23.	U
60-11-7	p-(Dimethylamino)azobenzene	10.	U	11.	U
119-93-7	3,3-Dimethylbenzidine	20.	U	23.	U
53-96-3	Acetamidofluorene	20.	U	23.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U	11.	U
56-49-5	3-Methyl cholanthrene	10.	U	11.	U
70-30-4	Hexachlorophene	100.	U	110.	U
143-50-0	Kepone	200.	U	230.	U
224-42-0	Dibenz(a,j)acridine	10.	U	11.	U
510-15-6	Chlorobenzilate	10.	U	11.	U
60-51-5	Dimethoate	10.	U	11.	U
56-38-2	Parathion	10.	U	11.	U
298-00-0	Methyl parathion	10.	U	11.	U
298-02-2	Phorate	10.	U	11.	U
298-04-4	Disulfoton	10.	U	11.	U
3689-24-5	Sulfotep	10.	U	11.	U
2303-16-4	Diallate	10.	U	11.	U
52-85-7	Famphur	NR		NR	
86-74-8	Carbazole	NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP-9 VOA

	SAMPLE ID ------->	039-H-W003-04		039-H-W011-04					
	ORIGINAL ID ----->	039HW00304		039HW01104					
	LAB SAMPLE ID --->	6414-05		6450-05					
	ID FROM REPORT -->	039HW00304		039HW01104					
	SAMPLE DATE ----->	10/08/96		10/10/96					
	DATE EXTRACTED -->			11/08/96					
	DATE ANALYZED --->	10/22/96		10/24/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	6414	VAL	6414	VAL				
74-87-3	Chloromethane	5.	U	5.	U				
74-83-9	Bromomethane	5.	U	5.	U				
75-01-4	Vinyl chloride	5.	U	5.	U				
75-00-3	Chloroethane	5.	U	5.	U				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	10.	U	29.	U				
75-15-0	Carbon disulfide	5.	U	5.	U				
75-35-4	1,1-Dichloroethene	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	4.	J				
78-93-3	2-Butanone (MEK)	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U				
79-01-6	Trichloroethene	31.		5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U				
80-62-6	Methyl methacrylate	5.	U	5.	U				
71-43-2	Benzene	5.	U	200.					
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
591-78-6	2-Hexanone	10.	U	7.	J				
127-18-4	Tetrachloroethene	7.		5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U				
108-88-3	Toluene	5.	U	24.					
108-90-7	Chlorobenzene	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	140.					
100-42-5	Styrene	5.	U	5.	U				
1330-20-7	Xylene (Total)	5.	U	130.					
75-71-8	Dichlorodifluoromethane	5.	U	5.	U				
75-69-4	Trichlorofluoromethane	5.	U	5.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P-9 VOA

SAMPLE ID ------->		039-H-W003-04		039-H-W011-04					
ORIGINAL ID ----->		039HW00304		039HW01104					
LAB SAMPLE ID --->		6414-05		6450-05					
ID FROM REPORT -->		039HW00304		039HW01104					
SAMPLE DATE ----->		10/08/96		10/10/96					
DATE EXTRACTED -->				11/08/96					
DATE ANALYZED --->		10/22/96		10/24/96					
MATRIX ---------->		Water		Water					
UNITS ---------->		UG/L		UG/L					
CAS #	Parameter	6414	VAL	6414	VAL				
74-88-4	Methyl iodide	5.	U	5.	U				
107-05-1	3-Chloropropene	5.	U	5.	U				
107-12-0	Propionitrile	50.	UR	50.	UR				
75-05-8	Acetonitrile	50.	UR	50.	UR				
107-02-8	Acrolein	50.	UR	50.	UR				
126-99-8	Chloroprene	10.	U	10.	U				
107-13-1	Acrylonitrile	50.	U	50.	U				
123-91-1	1,4-Dioxane	50.	UR	50.	UR				
126-98-7	Methacrylonitrile	50.	U	50.	U				
74-95-3	Methylene bromide	5.	U	5.	U				
78-83-1	Isobutyl alcohol	500.	UR	500.	UR				
106-93-4	1, 2-Dibromoethane	5.	U	5.	U				
630-20-6	1,1,1,2-Tetrachloroethane	5.	U	5.	U				
95-47-6	o-Xylene	5.	U	35.					
96-18-4	1,2,3-Trichloropropane	5.	U	5.	U				
110-57-6	trans-1,4-Dichloro-2-butene	5.	U	5.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U	5.	U				
97-63-2	Ethyl methacrylate	5.	U	5.	U				
76-01-7	Pentachloroethane	5.	U	5.	U				
108-38-3	m-Xylene	NR		NR					

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9 SVOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE EXTRACTED -->	03/12/97
DATE ANALYZED --->	03/18/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	28773	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	UJ
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ
106-44-5	4-Methylphenol (p-Cresol)	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	10.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	50.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	50.	U
83-32-9	Acenaphthene	2.	J
51-28-5	2,4-Dinitrophenol	50.	U
100-02-7	4-Nitrophenol	50.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9 SVOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE EXTRACTED -->	03/12/97
DATE ANALYZED --->	03/18/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	28773	VAL
132-64-9	Dibenzofuran	2.	J
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	50.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U
110-86-1	Pyridine	10.	U
62-75-9	N-Nitrosodimethylamine	10.	UJ
109-06-8	2-Picoline	10.	UJ
10595-95-6	N-Nitrosomethylethylamine	10.	UJ
66-27-3	Methyl methanesulfonate	50.	U
55-18-5	N-Nitrosodiethylamine	10.	UJ
62-50-0	Ethyl methanesulfonate	10.	UJ
62-53-3	Aniline	10.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9 SVOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE EXTRACTED -->	03/12/97
DATE ANALYZED --->	03/18/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	28773	VAL
930-55-2	N-Nitrosopyrrolidine	10.	UJ
98-86-2	Acetophenone	10.	UJ
59-89-2	N-Nitrosomorpholine	10.	UJ
95-53-4	o-Toluidine	10.	UJ
100-75-4	N-Nitrosopiperidine	10.	UJ
126-68-1	O,O,O-Triethylphosphorothioate	10.	UJ
122-09-8	a,a-Dimethylphenethylamine	10.	UJ
87-65-0	2,6-Dichlorophenol	10.	UJ
1888-71-7	Hexachloropropene	10.	UJ
106-50-3	p-Phenylenediamine	50.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	UJ
94-59-7	Safrole	10.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	U
120-58-1	Isosafrole	10.	UJ
130-15-4	1,4-Naphthoquinone	10.	UJ
99-65-0	1,3-Dinitrobenzene	10.	UJ
608-93-5	Pentachlorobenzene	10.	UJ
134-32-7	1-Naphthylamine	10.	UJ
91-59-8	2-Naphthylamine	10.	UJ
58-90-2	2,3,4,6-Tetrachlorophenol	10.	U
99-55-8	5-Nitro-o-toluidine	10.	U
122-39-4	Diphenylamine	10.	UJ
465-73-6	Isodrin	20.	UJ
99-35-4	1,3,5-Trinitrobenzene	10.	U
62-44-2	Phenacetin	10.	UJ
297-97-2	Thionazin	20.	UJ
92-67-1	4-Aminobiphenyl	10.	UJ
82-68-8	Pentachloronitrobenzene	50.	UJ
23950-58-5	Pronamide	10.	UJ
88-85-7	Dinoseb	10.	U
56-57-5	4-Nitroquinoline 1-oxide	50.	UJ
91-80-5	Methapyrilene	20.	U
140-57-8	Aramite	50.	UR
60-11-7	p-(Dimethylamino)azobenzene	10.	U
119-93-7	3,3-Dimethylbenzidine	10.	UJ
53-96-3	Acetamidofluorene	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9 SVOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE EXTRACTED -->	03/12/97
DATE ANALYZED --->	03/18/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	28773	VAL
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U
56-49-5	3-Methyl cholanthrene	10.	U
70-30-4	Hexachlorophene	200.	UR
143-50-0	Kepone	50.	UJ
510-15-6	Chlorobenzilate	10.	UJ
60-51-5	Dimethoate	10.	UJ
56-38-2	Parathion	20.	UJ
298-00-0	Methyl parathion	20.	UJ
298-02-2	Phorate	10.	UJ
298-04-4	Disulfoton	10.	UJ
3689-24-5	Sulfotep	20.	UJ
2303-16-4	Diallate	10.	UJ
86-74-8	Carbazole	10.	U
108-39-4	3-Methylphenol (m-Cresol)	10.	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	10.	U
52-85-7	Famphur	10.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9 VOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE ANALYZED --->	03/13/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	28773	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	10.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
80-62-6	Methyl methacrylate	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	UJ
591-78-6	2-Hexanone	10.	UJ
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (Total)	5.	U
75-71-8	Dichlorodifluoromethane	5.	UJ
75-69-4	Trichlorofluoromethane	5.	U
74-88-4	Methyl iodide	5.	U
107-05-1	3-Chloropropene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9 VOA

SAMPLE ID ------->	039-H-W010-A2
ORIGINAL ID ----->	039HW010A2
LAB SAMPLE ID --->	28786.01
ID FROM REPORT -->	039HW010A2
SAMPLE DATE ----->	03/11/97
DATE ANALYZED --->	03/13/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	28773	VAL
107-12-0	Propionitrile	100.	U
75-05-8	Acetonitrile	200.	UR
107-02-8	Acrolein	50.	U
126-99-8	Chloroprene	5.	U
107-13-1	Acrylonitrile	50.	U
123-91-1	1,4-Dioxane	500.	UR
126-98-7	Methacrylonitrile	100.	U
74-95-3	Methylene bromide	10.	U
78-83-1	Isobutyl alcohol	200.	UR
106-93-4	1, 2-Dibromoethane	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	U
97-63-2	Ethyl methacrylate	5.	U
76-01-7	Pentachloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
75-27-4	Bromodichloromethane	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UJ

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-SVOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-5
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE EXTRACTED -->	06/22/96
DATE ANALYZED --->	07/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7288	VAL
108-95-2	Phenol	12.	UR
111-44-4	bis(2-Chloroethyl)ether	12.	U
95-57-8	2-Chlorophenol	12.	UR
100-51-6	Benzyl alcohol	23.	UR
95-48-7	2-Methylphenol (o-Cresol)	12.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	12.	U
621-64-7	N-Nitroso-di-n-propylamine	12.	U
67-72-1	Hexachloroethane	12.	U
98-95-3	Nitrobenzene	12.	U
78-59-1	Isophorone	12.	U
88-75-5	2-Nitrophenol	12.	UR
105-67-9	2,4-Dimethylphenol	12.	UR
111-91-1	bis(2-Chloroethoxy)methane	12.	U
120-83-2	2,4-Dichlorophenol	12.	UR
91-20-3	Naphthalene	12.	U
106-47-8	4-Chloroaniline	23.	U
87-68-3	Hexachlorobutadiene	12.	U
59-50-7	4-Chloro-3-methylphenol	21.	UR
91-57-6	2-Methylnaphthalene	12.	U
77-47-4	Hexachlorocyclopentadiene	12.	UJ
88-06-2	2,4,6-Trichlorophenol	12.	UR
95-95-4	2,4,5-Trichlorophenol	12.	UR
91-58-7	2-Chloronaphthalene	12.	U
88-74-4	2-Nitroaniline	58.	U
131-11-3	Dimethyl phthalate	12.	U
208-96-8	Acenaphthylene	12.	U
606-20-2	2,6-Dinitrotoluene	12.	U
99-09-2	3-Nitroaniline	58.	U
83-32-9	Acenaphthene	12.	U
51-28-5	2,4-Dinitrophenol	58.	UR
100-02-7	4-Nitrophenol	58.	UR
132-64-9	Dibenzofuran	12.	U
121-14-2	2,4-Dinitrotoluene	12.	U
84-66-2	Diethylphthalate	12.	U
7005-72-3	4-Chlorophenylphenylether	12.	U
86-73-7	Fluorene	12.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-SVOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-5
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE EXTRACTED -->	06/22/96
DATE ANALYZED --->	07/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7288	VAL
100-01-6	4-Nitroaniline	23.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	58.	UR
86-30-6	N-Nitrosodiphenylamine	12.	U
101-55-3	4-Bromophenyl-phenylether	12.	U
118-74-1	Hexachlorobenzene	12.	U
87-86-5	Pentachlorophenol	58.	UR
85-01-8	Phenanthrene	12.	U
120-12-7	Anthracene	12.	U
84-74-2	Di-n-butylphthalate	12.	U
206-44-0	Fluoranthene	12.	U
129-00-0	Pyrene	12.	U
85-68-7	Butylbenzylphthalate	12.	U
91-94-1	3,3'-Dichlorobenzidine	23.	U
56-55-3	Benzo(a)anthracene	12.	U
218-01-9	Chrysene	12.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	12.	U
117-84-0	Di-n-octyl phthalate	12.	U
205-99-2	Benzo(b)fluoranthene	12.	U
207-08-9	Benzo(k)fluoranthene	12.	U
50-32-8	Benzo(a)pyrene	12.	U
193-39-5	Indeno(1,2,3-cd)pyrene	12.	U
53-70-3	Dibenz(a,h)anthracene	12.	U
191-24-2	Benzo(g,h,i)perylene	12.	U
95-53-4	o-Toluidine	35.	U
126-68-1	O,O,O-Triethylphosphorothioate	35.	U
1888-71-7	Hexachloropropene	12.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	12.	U
608-93-5	Pentachlorobenzene	12.	U
91-59-8	2-Naphthylamine	58.	U
134-32-7	1-Naphthylamine	58.	U
297-97-2	Thionazin	23.	U
99-55-8	5-Nitro-o-toluidine	12.	U
2303-16-4	Diallate	23.	U
298-02-2	Phorate	23.	U
62-44-2	Phenacetin	35.	U
60-51-5	Dimethoate	23.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-SVOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-5
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE EXTRACTED -->	06/22/96
DATE ANALYZED --->	07/10/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L7288	VAL
92-67-1	4-Aminobiphenyl	58.	U
23950-58-5	Pronamide	23.	U
298-04-4	Disulfoton	23.	U
298-00-0	Methyl parathion	23.	U
56-38-2	Parathion	12.	U
140-57-8	Aramite	35.	U
60-11-7	p-(Dimethylamino)azobenzene	35.	U
510-15-6	Chlorobenzilate	23.	U
119-93-7	3,3-Dimethylbenzidine	230.	U
52-85-7	Famphur	20.	U
53-96-3	Acetamidofluorene	23.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	12.	U
56-49-5	3-Methyl cholanthrene	12.	U
110-86-1	Pyridine	16.	U
76-01-7	Pentachloroethane	12.	U
62-75-9	N-Nitrosodimethylamine	23.	U
109-06-8	2-Picoline	35.	U
10595-95-6	N-Nitrosomethylethylamine	35.	U
66-27-3	Methyl methanesulfonate	23.	U
55-18-5	N-Nitrosodiethylamine	35.	U
62-50-0	Ethyl methanesulfonate	23.	U
62-53-3	Aniline	35.	U
930-55-2	N-Nitrosopyrrolidine	14.	U
59-89-2	N-Nitrosomorpholine	46.	U
108-39-4	3-Methylphenol (m-Cresol)	35.	UR
98-86-2	Acetophenone	23.	U
87-65-0	2,6-Dichlorophenol	35.	UR
100-75-4	N-Nitrosopiperidine	12.	U
924-16-3	N-Nitroso-di-n-butylamine	23.	U
120-58-1	Isosafrole	12.	U
94-59-7	Safrole	12.	U
130-15-4	1,4-Naphthoquinone	23.	U
99-65-0	1,3-Dinitrobenzene	23.	U
58-90-2	2,3,4,6-Tetrachlorophenol	35.	UR
99-35-4	1,3,5-Trinitrobenzene	12.	U
82-68-8	Pentachloronitrobenzene	23.	U

*** Validation Complete ***

PX9-SVOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-5
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE EXTRACTED -->	06/22/96
DATE ANALYZED --->	07/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7288	VAL
88-85-7	Dinoseb	35.	U
56-57-5	4-Nitroquinoline 1-oxide	23.	U
3689-24-5	Sulfotep	23.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-VOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-2
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE ANALYZED --->	07/02/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7288	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	UR
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	UJ
75-09-2	Methylene chloride	5.	UJ
67-64-1	Acetone	100.	U
75-15-0	Carbon disulfide	5.	UJ
75-35-4	1,1-Dichloroethene	1.1	J
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.4	J
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	90.	
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	4.4	J
108-10-1	4-Methyl-2-Pentanone (MIBK)	4.4	J
127-18-4	Tetrachloroethene	11.	
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
75-69-4	Trichlorofluoromethane	5.	UJ
156-60-5	trans-1,2-Dichloroethene	5.	U
95-47-6	o-Xylene	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-VOA

SAMPLE ID ------->	039-H-W003-03
ORIGINAL ID ----->	039HW00303
LAB SAMPLE ID --->	L7288-2
ID FROM REPORT -->	039HW00303
SAMPLE DATE ----->	06/20/96
DATE ANALYZED --->	07/02/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7288	VAL
95-50-1	1,2-Dichlorobenzene	5.	U
99900-05-0	m+p Xylene	5.	U
75-05-8	Acetonitrile	50.	UJ
107-02-8	Acrolein	50.	UR
107-13-1	Acrylonitrile	15.	UJ
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	10.	U
106-93-4	1, 2-Dibromoethane	5.	U
74-95-3	Methylene bromide	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	3.	J
75-71-8	Dichlorodifluoromethane	5.	U
123-91-1	1,4-Dioxane	200.	UR
107-12-0	Propionitrile	10.	U
97-63-2	Ethyl methacrylate	5.	U
74-88-4	Methyl iodide	5.	U
78-83-1	Isobutyl alcohol	100.	U
126-98-7	Methacrylonitrile	5.	U
80-62-6	Methyl methacrylate	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	039-G-W001-03		039-G-W001-04		039-G-W002-03		039-G-W002-04		039-G-W003-03		039-H-W003-03	
	ORIGINAL ID ----->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
	LAB SAMPLE ID --->	L7287-28		6395-03		L7287-29		6414-03		L7287-30		L7288-9	
	ID FROM REPORT -->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
	SAMPLE DATE ----->	06/20/96		10/07/96		06/20/96		10/08/96		06/20/96		06/20/96	
	DATE EXTRACTED -->	07/03/96		10/15/96		07/03/96		10/11/96		07/03/96		07/03/96	
	DATE ANALYZED --->	07/03/96		10/15/96		07/03/96		10/11/96		07/03/96		07/03/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L72871	VAL	6382	VAL	L72871	VAL	6382	VAL	L72871	VAL	L72881	VAL
16887-00-6	Chloride	7.8		5.	U	9.6		15.		15.		15.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HLORIDE													
	SAMPLE ID ------->	039-G-W003-04		039-H-W003-04		039-G-W004-03		039-G-W004-04		039-G-W005-03		039-G-W005-04	
	ORIGINAL ID ----->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	LAB SAMPLE ID --->	6414-04		6414-05		L7294-39		6423-01		L7294-41		6423-03	
	ID FROM REPORT -->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	SAMPLE DATE ----->	10/08/96		10/08/96		06/21/96		10/09/96		06/21/96		10/09/96	
	DATE EXTRACTED -->	10/11/96				07/03/96		10/11/96		07/03/96		10/11/96	
	DATE ANALYZED --->	10/11/96		10/14/96		07/03/96		10/11/96		07/03/96		10/11/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6382	VAL	6414	VAL	L72941	VAL	6382	VAL	L72941	VAL	6382	VAL
16887-00-6	Chloride	11.		13.	U	11.		9.		8.5		9.	

*** Validatic_ Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE													
	SAMPLE ID ------->	039-G-W006-04		039-G-W007-04		039-G-W008-04		039-G-W008-A2		039-G-W009-04		039-G-W009-A2	
	ORIGINAL ID ----->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2	
	LAB SAMPLE ID --->	6434-06		6437-01		6437-02		28773.04		6437-03		28773.02	
	ID FROM REPORT -->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2	
	SAMPLE DATE ----->	10/10/96		10/11/96		10/11/96		03/10/97		10/11/96		03/10/97	
	DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		03/12/97		10/15/96		03/12/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6434	VAL	6434	VAL	6434	VAL	28773	VAL	6434	VAL	28773	VAL
16887-00-6	Chloride	342.		173.		45.	U	64.5		5.	U	5.3	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	039-G-W010-04		039-G-W010-A2		039-H-W010-A2		039-H-W011-04		039-G-W011-04		039-G-W012-04	
	ORIGINAL ID ----->	039GW01004		039GW010A2		039HW010A2		039HW01104		039GW01104		039GW01204	
	LAB SAMPLE ID --->	6437-04		28785.03		28786.01		6450-05		6450-04		6458-03	
	ID FROM REPORT -->	039GW01004		039GW010A2		039HW010A2		039HW01104		039GW01104		039GW01204	
	SAMPLE DATE ----->	10/11/96		03/11/97		03/11/97		10/10/96		10/15/96		10/16/96	
	DATE ANALYZED --->	10/15/96		03/17/97		03/17/97		10/18/96		10/18/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6434	VAL	28773	VAL	28773	VAL	6414	VAL	6434	VAL	6434	VAL
16887-00-6	Chloride	5.	U	2.8		2.8		5.	U	5.	U	12.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE													
		SAMPLE ID ------->	039-G-W012-A2		039-G-W013-A2		039-G-W014-A2		039-G-W015-A2		039-G-W04D-03		039-G-W04D-04
		ORIGINAL ID ----->	039GW012A2		039GW013A2		039GW014A2		039GW015A2		039GW04D03		039GW04D04
		LAB SAMPLE ID --->	28809.01		28809.03		7438-03		7438-01		L7294-40		6423-02
		ID FROM REPORT -->	039GW012A2		039GW013A2		039GW014A2		039GW015A2		039GW04D03		039GW04D04
		SAMPLE DATE ----->	03/12/97		03/12/97		03/20/97		03/20/97		06/21/96		10/08/96
		DATE EXTRACTED -->									07/03/96		10/11/96
		DATE ANALYZED --->	03/17/97		03/17/97		03/31/97		03/31/97		07/03/96		10/11/96
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		28773	VAL	28773	VAL	7438	VAL	7438	VAL	L72941	VAL	6382	VAL
16887-00-6	Chloride		9.8		5.4		5.	U	5490.		15.		15.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	039-G-W08D-04		039-G-W08D-A2		039-G-W09D-A2		039-G-W09I-01		039-G-W09I-A2		039-G-W10D-01
	ORIGINAL ID ----->	039GW08D04		039GW08DA2		039GW09DA2		039GW09I01		039GW09IA2		039GW10D01
	LAB SAMPLE ID --->	6450-03		28773.03		28785.02		6607-01		28773.01		6607-06
	ID FROM REPORT -->	039GW08D04		039GW08DA2		039GW09DA2		039GW09I01		039GW09IA2		039GW10D01
	SAMPLE DATE ----->	10/15/96		03/10/97		03/11/97		11/05/96		03/10/97		11/06/96
	DATE ANALYZED --->	10/18/96		03/12/97		03/17/97		11/11/96		03/12/97		11/11/96
	MATRIX ---------->	Water		Water		Water		Water		Water		Water
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter	6434	VAL	28773	VAL	28773	VAL	6589		28773	VAL	6589
16887-00-6	Chloride	140.		23.3		19.		12.		9.7		7.

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	039-G-W10D-A2		039-G-W10I-01		039-G-W10I-A2		039-G-W12D-04		039-G-W12D-A2		039-G-W12I-04	
	ORIGINAL ID ----->	039GW10DA2		039GW10I01		039GW10IA2		039GW12D04		039GW12DA2		039GW12I04	
	LAB SAMPLE ID --->	28785.05		6607-05		28785.04		6458-05		28809.02		6458-04	
	ID FROM REPORT -->	039GW10DA2		039GW10I01		039GW10IA2		039GW12D04		039GW12DA2		039GW12I04	
	SAMPLE DATE ----->	03/11/97		11/06/96		03/11/97		10/16/96		03/12/97		10/16/96	
	DATE ANALYZED --->	03/17/97		11/11/96		03/17/97		10/18/96		03/17/97		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	28773	VAL	6589		28773	VAL	6434	VAL	28773	VAL	6434	VAL
16887-00-6	Chloride	7.8		5.	U	5.2		35.	U	34.5		16.	U

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE							
	SAMPLE ID ------->	039-G-W12I-A2	039-G-W13D-01	039-G-W13D-A2	039-G-W13I-01	039-G-W13I-A2	039-G-W14D-A2
	ORIGINAL ID ----->	039GW12IA2	039GW13D01	039GW13DA2	039GW13I01	039GW13IA2	039GW14DA2
	LAB SAMPLE ID --->	28785.01	6607-02	28809.05	6607-03	28809.04	7446-02
	ID FROM REPORT -->	039GW12IA2	039GW13D01	039GW13DA2	039GW13I01	039GW13IA2	039GW14DA2
	SAMPLE DATE ----->	03/11/97	11/05/96	03/12/97	11/05/96	03/12/97	03/21/97
	DATE ANALYZED --->	03/17/97	11/11/96	03/17/97	11/11/96	03/17/97	03/31/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	28773 VAL	6589	28773 VAL	6589	28773 VAL	7438 VAL
16887-00-6	Chloride	14.3	21.	15.8	5. U	8.6	6.

CHLORIDE

	SAMPLE ID ------->	039-G-W15D-A2					
	ORIGINAL ID ----->	039GW15DA2					
	LAB SAMPLE ID --->	743B-02					
	ID FROM REPORT -->	039GW15DA2					
	SAMPLE DATE ----->	03/20/97					
	DATE ANALYZED --->	03/31/97					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	743B	VAL				
16887-00-6	Chloride	190.					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

YANIDE							
	SAMPLE ID ------->	039-H-W003-02	039-G-W005-04	039-G-W013-01	039-G-W014-01	039-G-W014-A2	039-G-W015-01
	ORIGINAL ID ----->	039HW00302	039GW00504	039GW01301	039GW01401	039GW014A2	039GW01501
	LAB SAMPLE ID --->	L6904-48	6423-03	28435.01	28417.01	7438-03	28417.03
	ID FROM REPORT -->	039HW00302	039GW00504	039GW01301	039GW01401	039GW014A2	039GW01501
	SAMPLE DATE ----->	04/24/96	10/09/96	02/07/97	02/06/97	03/20/97	02/06/97
	DATE EXTRACTED -->	05/08/96	10/22/96	02/11/97	02/11/97	03/28/97	02/11/97
	DATE ANALYZED --->	05/08/96	10/22/96	02/12/97	02/12/97	03/28/97	02/12/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L
CAS #	Parameter	L6904I VAL	6382 VAL	28417 VAL	28417 VAL	7438 VAL	28417 VAL
57-12-5	Cyanide (CN)	0.005 U	0.01 U	2. U	2. U	2. U	24.7

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

		SAMPLE ID ------->	039-G-W015-A2		039-G-W14D-01		039-G-W14D-A2		039-G-W15D-01		039-G-W15D-A2		
		ORIGINAL ID ----->	039GW015A2		039GW14D01		039GW14DA2		039GW15D01		039GW15DA2		
		LAB SAMPLE ID --->	7438-01		28417.02		7446-02		28417.04		7438-02		
		ID FROM REPORT -->	039GW015A2		039GW14D01		039GW14DA2		039GW15D01		039GW15DA2		
		SAMPLE DATE ----->	03/20/97		02/06/97		03/21/97		02/06/97		03/20/97		
		DATE EXTRACTED -->	03/28/97		02/11/97		03/28/97		02/11/97		03/28/97		
		DATE ANALYZED --->	03/28/97		02/12/97		03/28/97		02/12/97		03/28/97		
		MATRIX ---------->	Water		Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		7438	VAL	28417	VAL	7438	VAL	28417	VAL	7438	VAL	
57-12-5	Cyanide (CN)		30.		2.	U	2.	U	2.	U	2.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

IOXIN

	SAMPLE ID ------->	039-H-W003-02		039-H-W003-03		039-G-W004-03		039-G-W005-03		039-G-W04D-03	
	ORIGINAL ID ----->	039HW00302		039HW00303		039GW00403		039GW00503		039GW04D03	
	LAB SAMPLE ID --->	121-51-1		129-14-1		129-14-3		129-14-6		129-14-4	
	ID FROM REPORT -->	039HW00302		039HW00303		039GW00403		039GW00503		039GW04D03	
	SAMPLE DATE ----->	04/24/96		06/20/96		06/20/96		06/20/96		06/20/96	
	DATE EXTRACTED -->	05/06/96		07/02/96		07/02/96		07/02/96		07/02/96	
	DATE ANALYZED --->	05/10/96		07/12/96		07/12/96		07/12/96		07/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	PG/L		PG/L		PG/L		PG/L		PG/L	
CAS #	Parameter	L6904	VAL	L7288D	VAL	L7288D	VAL	L7288D	VAL	L7288D	VAL
1746-01-6	2378-TCDD	7.7	U	8.5	U	8.5	U	5.	U	6.5	U
40321-76-4	12378-PeCDD	12.4	U	10.1	U	9.8	U	5.5	U	7.4	U
39227-28-6	123478-HxCDD	12.	U	13.7	U	12.4	U	5.7	U	8.4	U
57653-85-7	123678-HxCDD	11.	U	11.5	U	10.4	U	4.8	U	7.	U
19408-74-3	123789-HxCDD	10.6	U	11.8	U	10.7	U	4.9	U	7.2	U
35822-46-9	1234678-HpCDD	13.2	U	15.1	U	10.8	U	4.		8.1	U
3268-87-9	OCDD	138.		20.5	U	13.3	U	23.5		10.1	U
51207-31-9	2378-TCDF	5.6	U	8.	U	7.6	U	4.2	U	6.	U
57117-41-6	12378-PeCDF	7.6	U	7.4	U	7.	U	4.	U	5.2	U
57117-31-4	23478-PeCDF	7.4	U	7.3	U	6.9	U	3.9	U	5.1	U
70648-26-9	123478-HxCDF	7.7	U	8.8	U	8.4	U	4.	U	5.4	U
57117-44-9	123678-HxCDF	6.2	U	6.9	U	6.6	U	3.1	U	4.2	U
60851-34-5	234678-HxCDF	7.7	U	8.8	U	4.2		4.4		4.2	
72918-21-9	123789-HxCDF	8.5	U	9.8	U	9.3	U	4.4	U	6.	U
67562-39-4	1234678-HpCDF	6.9	U	8.1	U	6.1	U	2.9	U	4.2	U
55673-89-7	1234789-HpCDF	10.8	U	12.2	U	9.1	U	4.4	U	6.3	U
39001-02-0	OCDF	17.	U	16.	U	10.3	U	4.6	U	7.9	U
41903-57-5	Total Tetra-Dioxins	7.7	U	8.5	U	8.5	U	5.	U	6.5	U
36088-22-9	Total Penta-Dioxins	12.4	U	10.1	U	9.8	U	5.5	U	7.4	U
34465-46-8	Total Hexa-Dioxins	11.2	U	12.2	U	11.1	U	5.1	U	7.5	U
37871-00-4	Total Hepta-Dioxins	13.2	U	15.1	U	10.8	U	12.		8.1	U
55722-27-5	Total Tetra-Furans	5.6	U	8.	U	7.6	U	4.2	U	6.	U
55684-94-1	Total Hexa-Furans	7.4	U	8.4	U	4.2		4.4		4.2	
38998-75-3	Total Hepta-Furans	8.4	U	9.8	U	7.3	U	3.5	U	5.	U
30602-15-4	Total Penta-Furans	NR		7.3	U	6.9	U	4.	U	4.2	U

*** Validatic.. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME

	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W002-02		039-G-W002-03		039-G-W003-02		039-H-W003-02	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	LAB SAMPLE ID --->	L6891-1		L7287-1		L6891-2		L7287-2		L6904-1		L6904-2	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	SAMPLE DATE ----->	04/23/96		06/20/96		04/23/96		06/20/96		04/24/96		04/24/96	
	DATE EXTRACTED -->	04/24/96		06/21/96		04/24/96		06/21/96		04/25/96		04/25/96	
	DATE ANALYZED --->	04/24/96		06/21/96		04/24/96		06/21/96		04/25/96		04/25/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L6891I	VAL	L7287I	VAL	L6891I	VAL	L7287I	VAL	L6904I	VAL	L6904I	VAL
18540-29-9	Chromium (Hexavalent)	0.003	U	0.003	U	0.003	U	0.003	U	0.008	J	0.012	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

EXACHROME													
	SAMPLE ID ------->	039-G-W003-03		039-H-W003-03		039-G-W004-02		039-G-W004-03		039-G-W005-02		039-G-W005-03	
	ORIGINAL ID ----->	039GW00303		039HW00303		039GW00402		039GW00403		039GW00502		039GW00503	
	LAB SAMPLE ID --->	L7287-3		L7288-1		L6904-4		L7294-1		L6904-3		L7294-3	
	ID FROM REPORT -->	039GW00303		039HW00303		039GW00402		039GW00403		039GW00502		039GW00503	
	SAMPLE DATE ----->	06/20/96		06/20/96		04/24/96		06/21/96		04/24/96		06/21/96	
	DATE EXTRACTED -->	06/21/96		06/21/96		04/25/96		06/22/96		04/25/96		06/22/96	
	DATE ANALYZED --->	06/21/96		06/21/96		04/25/96		06/22/96		04/25/96		06/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7287I	VAL	L7288I	VAL	L6904I	VAL	L7294I	VAL	L6904I	VAL	L7294I	VAL
18540-29-9	Chromium (Hexavalent)	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

EXACHROME									
	SAMPLE ID ------->	039-G-W04D-02		039-G-W04D-03					
	ORIGINAL ID ----->	039GW04D02		039GW04D03					
	LAB SAMPLE ID --->	L6916-1		L7294-2					
	ID FROM REPORT -->	039GW04D02		039GW04D03					
	SAMPLE DATE ----->	04/25/96		06/21/96					
	DATE EXTRACTED -->	04/26/96		06/22/96					
	DATE ANALYZED --->	04/26/96		06/22/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	MG/L		MG/L					
CAS #	Parameter	L6916I	VAL	L7294I	VAL				
18540-29-9	Chromium (Hexavalent)	0.003	U	0.003	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ETALS

	SAMPLE ID ------->	039-G-W001-04		039-G-W002-04		039-G-W003-04		039-G-W004-04		039-G-W005-04		039-G-W04D-04	
	ORIGINAL ID ----->	039GW00104		039GW00204		039GW00304		039GW00404		039GW00504		039GW04D04	
	LAB SAMPLE ID --->	6395-03		6414-03		6414-04		6423-01		6423-03		6423-02	
	ID FROM REPORT -->	039GW00104		039GW00204		039GW00304		039GW00404		039GW00504		039GW04D04	
	SAMPLE DATE ----->	10/07/96		10/08/96		10/08/96		10/09/96		10/09/96		10/08/96	
	DATE EXTRACTED -->	10/11/96		10/11/96		10/11/96		10/11/96		10/11/96		10/11/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/14/96		10/14/96		10/14/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL
7429-90-5	Aluminum (Al)	38.	U	462.		80.6	U	169.	U	211.	U	39.7	U
7440-36-0	Antimony (Sb)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7440-38-2	Arsenic (As)	36.7		43.6		2.1	U	48.4		77.7		2.1	U
7440-39-3	Barium (Ba)	30.6	J	34.1	J	23.6	J	59.6	J	46.9	J	4.1	J
7440-41-7	Beryllium (Be)	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
7440-43-9	Cadmium (Cd)	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
7440-70-2	Calcium (Ca)	63600.		52800.		56200.		51400.		61100.		51000.	
7440-47-3	Chromium (Cr)	1.	U	1.6	U	0.78	U	0.94	U	1.4	U	0.78	U
7440-48-4	Cobalt (Co)	0.67	U	3.4	J	0.67	U	0.67	U	0.67	U	0.67	U
7440-50-8	Copper (Cu)	2.1	J	1.2	J	7.2	J	4.2	J	2.	J	4.3	J
7439-89-6	Iron (Fe)	31200.		7880.		108.	J	12700.		47100.		168.	
7439-92-1	Lead (Pb)	1.5	U	1.4	U	1.4	U	1.4	U	2.1	U	1.4	U
7439-95-4	Magnesium (Mg)	7670.		2740.	J	3400.	J	3180.	J	3970.	J	3900.	J
7439-96-5	Manganese (Mn)	969.		1100.		47.2		1810.		1840.		103.	
7439-97-6	Mercury (Hg)	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
7440-02-0	Nickel (Ni)	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U
7440-09-7	Potassium (K)	4460.	J	2170.	J	2080.	J	1950.	J	1850.	J	1440.	J
7782-49-2	Selenium (Se)	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.1	J	1.	U	1.	U	5.2	J
7440-23-5	Sodium (Na)	20500.		13800.		18900.		15200.		15400.		9770.	
7440-28-0	Thallium (Tl)	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
7440-62-2	Vanadium (V)	0.94	U	1.	U	0.79	U	0.69	U	0.86	U	0.5	U
7440-66-6	Zinc (Zn)	12.4	U	25.6	U	14.	U	22.8	U	18.8	U	22.6	U
7440-31-5	Tin (Sn)	5.5	U	5.5	U	5.5	U	5.5	U	5.5	U	5.5	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PEST

	SAMPLE ID ------->	039-G-W013-01		039-G-W014-01		039-G-W015-01		039-G-W14D-01		039-G-W15D-01	
	ORIGINAL ID ----->	039GW01301		039GW01401		039GW01501		039GW14D01		039GW15D01	
	LAB SAMPLE ID --->	28435.01		28417.01		28417.03		28417.02		28417.04	
	ID FROM REPORT -->	039GW01301		039GW01401		039GW01501		039GW14D01		039GW15D01	
	SAMPLE DATE ----->	02/07/97		02/06/97		02/06/97		02/06/97		02/06/97	
	DATE EXTRACTED -->	02/10/97		02/07/97		02/07/97		02/07/97		02/07/97	
	DATE ANALYZED --->	02/12/97		02/11/97		02/12/97		02/12/97		02/12/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28417	VAL	28417	VAL	28417	VAL	28417	VAL	28417	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-84-6	alpha-BHC	NR		NR		NR		NR		NR	
319-85-7	beta-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-86-8	delta-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
76-44-8	Heptachlor	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
309-00-2	Aldrin	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
1024-57-3	Heptachlor epoxide	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
5103-74-2	gamma-Chlordane	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
5103-71-9	alpha-Chlordane	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
72-55-9	4,4'-DDE	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
50-29-3	4,4'-DDT	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
60-57-1	Dieldrin	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
72-20-8	Endrin	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
33213-65-9	Endosulfan II	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-54-8	4,4'-DDD	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
7421-93-4	Endrin aldehyde	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
1031-07-8	Endosulfan sulfate	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	2.	U	2.	U	2.	U	2.	U	2.	U
11096-82-5	Aroclor-1260	2.	U	2.	U	2.	U	2.	U	2.	U
319-85-7	beta-BHC	NR		NR		NR		NR		NR	
58-89-9	gamma-BHC (Lindane)	NR		NR		NR		NR		NR	
319-86-8	delta-BHC	NR		NR		NR		NR		NR	
76-44-8	Heptachlor	NR		NR		NR		NR		NR	
1024-57-3	Heptachlor epoxide	NR		NR		NR		NR		NR	
959-98-8	Endosulfan I	NR		NR		NR		NR		NR	
5103-71-9	alpha-Chlordane	NR		NR		NR		NR		NR	
50-29-3	4,4'-DDT	NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

EST											
	SAMPLE ID ------->	039-G-W013-01		039-G-W014-01		039-G-W015-01		039-G-W14D-01		039-G-W15D-01	
	ORIGINAL ID ----->	039GW01301		039GW01401		039GW01501		039GW14D01		039GW15D01	
	LAB SAMPLE ID --->	28435.01		28417.01		28417.03		28417.02		28417.04	
	ID FROM REPORT -->	039GW01301		039GW01401		039GW01501		039GW14D01		039GW15D01	
	SAMPLE DATE ----->	02/07/97		02/06/97		02/06/97		02/06/97		02/06/97	
	DATE EXTRACTED -->	02/10/97		02/07/97		02/07/97		02/07/97		02/07/97	
	DATE ANALYZED --->	02/12/97		02/11/97		02/12/97		02/12/97		02/12/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28417	VAL	28417	VAL	28417	VAL	28417	VAL	28417	VAL
60-57-1	Dieldrin	NR		NR		NR		NR		NR	
72-20-8	Endrin	NR		NR		NR		NR		NR	
72-54-8	4,4'-DDD	NR		NR		NR		NR		NR	
1031-07-8	Endosulfan sulfate	NR		NR		NR		NR		NR	
12674-11-2	Aroclor-1016	NR		NR		NR		NR		NR	
11104-28-2	Aroclor-1221	NR		NR		NR		NR		NR	
53469-21-9	Aroclor-1242	NR		NR		NR		NR		NR	
53494-70-5	Endrin ketone	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE

	SAMPLE ID ------->	039-G-W001-03		039-G-W001-04		039-G-W002-03		039-G-W002-04		039-G-W003-03		039-H-W003-03	
	ORIGINAL ID ----->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
	LAB SAMPLE ID --->	L7287-28		6395-03		L7287-29		6414-03		L7287-30		L7288-9	
	ID FROM REPORT -->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
	SAMPLE DATE ----->	06/20/96		10/07/96		06/20/96		10/08/96		06/20/96		06/20/96	
	DATE EXTRACTED -->	06/24/96		10/18/96		06/24/96		10/18/96		06/24/96		06/24/96	
	DATE ANALYZED --->	06/24/96		10/18/96		06/24/96		10/18/96		06/24/96		06/24/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7287I	VAL	6382	VAL	L7287I	VAL	6382	VAL	L7287I	VAL	L7288I	VAL
14808-79-8	Sulfate	4.4	U	10.	U	22.		18.4		21.		18.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ULFATE

	SAMPLE ID ------->	039-G-W003-04		039-H-W003-04		039-G-W004-03		039-G-W004-04		039-G-W005-03		039-G-W005-04	
	ORIGINAL ID ----->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	LAB SAMPLE ID --->	6414-04		6414-05		L7294-39		6423-01		L7294-41		6423-03	
	ID FROM REPORT -->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	SAMPLE DATE ----->	10/08/96		10/08/96		06/21/96		10/09/96		06/21/96		10/09/96	
	DATE EXTRACTED -->	10/18/96				06/24/96		10/18/96		06/24/96		10/18/96	
	DATE ANALYZED --->	10/18/96		10/21/96		06/24/96		10/18/96		06/24/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6382	VAL	6414	VAL	L7294I	VAL	6382	VAL	L7294I	VAL	6382	VAL
14808-79-8	Sulfate	10.8		11.3		11.		10.8		3.4	U	10.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE													
		SAMPLE ID ------->	039-G-W006-04		039-G-W007-04		039-G-W008-04		039-G-W008-A2		039-G-W009-04		039-G-W009-A2
		ORIGINAL ID ----->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2
		LAB SAMPLE ID --->	6434-06		6437-01		6437-02		28773.04		6437-03		28773.02
		ID FROM REPORT -->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2
		SAMPLE DATE ----->	10/10/96		10/11/96		10/11/96		03/10/97		10/11/96		03/10/97
		DATE ANALYZED --->	10/21/96		10/21/96		10/21/96		03/13/97		10/21/96		03/12/97
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		6434	VAL	6434	VAL	6434	VAL	28773	VAL	6434	VAL	28773	VAL
14808-79-8	Sulfate		10.	U	10.	U	580.		502.		10.	U	5.9	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ULFATE							
	SAMPLE ID ------->	039-G-W010-04	039-G-W010-A2	039-H-W010-A2	039-H-W011-04	039-G-W011-04	039-G-W012-04
	ORIGINAL ID ----->	039GW01004	039GW010A2	039HW010A2	039HW01104	039GW01104	039GW01204
	LAB SAMPLE ID --->	6437-04	28785.03	28786.01	6450-05	6450-04	6458-03
	ID FROM REPORT -->	039GW01004	039GW010A2	039HW010A2	039HW01104	039GW01104	039GW01204
	SAMPLE DATE ----->	10/11/96	03/11/97	03/11/97	10/10/96	10/15/96	10/16/96
	DATE ANALYZED --->	10/21/96	03/12/97	03/17/97	10/24/96	10/21/96	10/21/96
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	6434 VAL	28773 VAL	28773 VAL	6414 VAL	6434 VAL	6434 VAL
14808-79-8	Sulfate	11.5	2.4	2.4	10. U	100. U	10. U

*** Validatic. Complete ***

SULFATE													
		SAMPLE ID ------->	039-G-W012-A2		039-G-W013-A2		039-G-W014-A2		039-G-W015-A2		039-G-W04D-03		039-G-W04D-04
		ORIGINAL ID ----->	039GW012A2		039GW013A2		039GW014A2		039GW015A2		039GW04D03		039GW04D04
		LAB SAMPLE ID --->	28809.01		28809.03		7438-03		7438-01		L7294-40		6423-02
		ID FROM REPORT -->	039GW012A2		039GW013A2		039GW014A2		039GW015A2		039GW04D03		039GW04D04
		SAMPLE DATE ----->	03/12/97		03/12/97		03/20/97		03/20/97		06/21/96		10/08/96
		DATE EXTRACTED -->									06/24/96		10/18/96
		DATE ANALYZED --->	03/17/97		03/17/97		04/01/97		04/01/97		06/24/96		10/18/96
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		28773	VAL	28773	VAL	7438	VAL	7438	VAL	L7294I	VAL	6382	VAL
14808-79-8	Sulfate		5.5		39.7		10.	U	10.	U	3.9	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ULFATE

	SAMPLE ID ------->	039-G-W08D-04	039-G-W08D-A2	039-G-W09D-A2	039-G-W09I-01	039-G-W09I-A2	039-G-W10D-01
	ORIGINAL ID ----->	039GW08D04	039GW08DA2	039GW09DA2	039GW09101	039GW091A2	039GW10D01
	LAB SAMPLE ID --->	6450-03	28773.03	28785.02	6607-01	28773.01	6607-06
	ID FROM REPORT -->	039GW08D04	039GW08DA2	039GW09DA2	039GW09101	039GW091A2	039GW10D01
	SAMPLE DATE ----->	10/15/96	03/10/97	03/11/97	11/05/96	03/10/97	11/06/96
	DATE ANALYZED --->	10/21/96	03/13/97	03/12/97	11/20/96	03/12/97	11/20/96
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	6434 VAL	28773 VAL	28773 VAL	6589	28773 VAL	6589
14808-79-8	Sulfate	1700.	158.	2.4	10. U	3.	21.9

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE							
	SAMPLE ID ------->	039-G-W10D-A2	039-G-W10I-01	039-G-W10I-A2	039-G-W12D-04	039-G-W12D-A2	039-G-W12I-04
	ORIGINAL ID ----->	039GW10DA2	039GW10I01	039GW10IA2	039GW12D04	039GW12DA2	039GW12I04
	LAB SAMPLE ID --->	28785.05	6607-05	28785.04	6458-05	28809.02	6458-04
	ID FROM REPORT -->	039GW10DA2	039GW10I01	039GW10IA2	039GW12D04	039GW12DA2	039GW12I04
	SAMPLE DATE ----->	03/11/97	11/06/96	03/11/97	10/16/96	03/12/97	10/16/96
	DATE ANALYZED --->	03/12/97	11/20/96	03/12/97	10/21/96	03/17/97	10/21/96
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	28773 VAL	6589	28773 VAL	6434 VAL	28773 VAL	6434 VAL
14808-79-8	Sulfate	18.	10. U	0.65	62.6	17.1	20.1

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ULFATE	SAMPLE ID ------->	039-G-W12I-A2	039-G-W13D-01	039-G-W13D-A2	039-G-W13I-01	039-G-W13I-A2	039-G-W14D-A2
	ORIGINAL ID ----->	039GW12IA2	039GW13D01	039GW13DA2	039GW13I01	039GW13IA2	039GW14DA2
	LAB SAMPLE ID --->	28785.01	6607-02	28809.05	6607-03	28809.04	7446-02
	ID FROM REPORT -->	039GW12IA2	039GW13D01	039GW13DA2	039GW13I01	039GW13IA2	039GW14DA2
	SAMPLE DATE ----->	03/11/97	11/05/96	03/12/97	11/05/96	03/12/97	03/21/97
	DATE ANALYZED --->	03/12/97	11/20/96	03/17/97	11/20/96	03/17/97	04/01/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CAS #	Parameter	28773 VAL	6589	28773 VAL	6589	28773 VAL	7438 VAL
14808-79-8	Sulfate	18.2	42.7	34.	36.6	23.5	33.3

SULFATE

SAMPLE ID ------->	039-G-W15D-A2
ORIGINAL ID ----->	039GW15DA2
LAB SAMPLE ID --->	7438-02
ID FROM REPORT -->	039GW15DA2
SAMPLE DATE ----->	03/20/97
DATE ANALYZED --->	04/01/97
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	7438	VAL
14808-79-8	Sulfate	53.5	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W006-05		039-G-W006-06		039-G-W007-05		039-G-W007-06		039-G-W008-05		039-G-W008-06	
	ORIGINAL ID ----->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
	LAB SAMPLE ID --->	29956.01		31345.02		30011.01		31345.13		29993.01		31345.03	
	ID FROM REPORT -->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
	SAMPLE DATE ----->	07/07/97		10/04/97		07/09/97		10/05/97		07/08/97		10/04/97	
	DATE EXTRACTED -->	07/09/97		10/08/97		07/11/97		10/08/97		07/10/97		10/08/97	
	DATE ANALYZED --->	07/17/97		10/20/97		07/18/97		10/21/97		07/18/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29956	VAL	31345	VAL	29956	VAL	31345	VAL	29956	VAL	31345	VAL
108-95-2	Phenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
65-85-0	Benzoic acid	50.	U	1.	J	55.	U	50.	U	50.	U	50.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	11.	U	10.	U	4.	J	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
91-57-6	2-Methylnaphthalene	10.	U	10.	U	11.	U	10.	U	10.	U	5.	J
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	11.	U	10.	U	10.	U	10.	UR
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	55.	U	50.	U	50.	U	50.	UR
91-58-7	2-Chloronaphthalene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	55.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	55.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	55.	UJ	50.	U	50.	U	50.	UR

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA													
		SAMPLE ID ------->	039-G-W006-05		039-G-W006-06		039-G-W007-05		039-G-W007-06		039-G-W008-05		039-G-W008-06	
		ORIGINAL ID ----->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
		LAB SAMPLE ID --->	29956.01		31345.02		30011.01		31345.13		29993.01		31345.03	
		ID FROM REPORT -->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
		SAMPLE DATE ----->	07/07/97		10/04/97		07/09/97		10/05/97		07/08/97		10/04/97	
		DATE EXTRACTED -->	07/09/97		10/08/97		07/11/97		10/08/97		07/10/97		10/08/97	
		DATE ANALYZED --->	07/17/97		10/20/97		07/18/97		10/21/97		07/18/97		10/20/97	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter		29956	VAL	31345	VAL	29956	VAL	31345	VAL	29956	VAL	31345	VAL
100-02-7	4-Nitrophenol		50.	U	50.	U	55.	U	50.	U	50.	U	50.	U
132-64-9	Dibenzofuran		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate		1.	J	10.	U	11.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene		10.	U	10.	U	11.	U	10.	U	10.	U	6.	J
100-01-6	4-Nitroaniline		50.	U	50.	U	55.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		50.	U	50.	U	55.	UJ	50.	U	50.	U	50.	U
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol		50.	U	50.	U	55.	U	50.	U	50.	U	50.	UR
85-01-8	Phenanthrene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine		20.	U	20.	U	22.	U	20.	UJ	20.	U	20.	U
56-55-3	Benzo(a)anthracene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		10.	U	2.	J	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene		10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene		10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene		10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene		10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA															
	SAMPLE ID ------->	039-G-W008-A2		039-G-W009-05		039-G-W009-06		039-G-W009-A2		039-G-W010-05		039-H-W010-05	
	ORIGINAL ID ----->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005	
	LAB SAMPLE ID --->	28773.04		30011.02		31345.05		28773.02		30036.01		30036.02	
	ID FROM REPORT -->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005	
	SAMPLE DATE ----->	03/10/97		07/09/97		10/04/97		03/10/97		07/10/97		07/10/97	
	DATE EXTRACTED -->	03/11/97		07/11/97		10/08/97		03/11/97		07/14/97		07/14/97	
	DATE ANALYZED --->	03/17/97		07/18/97		10/20/97		03/17/97		07/22/97		07/22/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	29956	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	8.	J	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	1.	J	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	13.		10.	U	10.	U	10.	U	5.	J	4.	J
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	53.	U	50.	U	50.	U	50.	U	50.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	53.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	53.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	53.	UJ	50.	U	50.	U	50.	U	50.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
		SAMPLE ID ------->	039-G-W008-A2		039-G-W009-05		039-G-W009-06		039-G-W009-A2		039-G-W010-05		039-H-W010-05		
		ORIGINAL ID ----->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005		
		LAB SAMPLE ID --->	28773.04		30011.02		31345.05		28773.02		30036.01		30036.02		
		ID FROM REPORT -->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005		
		SAMPLE DATE ----->	03/10/97		07/09/97		10/04/97		03/10/97		07/10/97		07/10/97		
		DATE EXTRACTED -->	03/11/97		07/11/97		10/08/97		03/11/97		07/14/97		07/14/97		
		DATE ANALYZED --->	03/17/97		07/18/97		10/20/97		03/17/97		07/22/97		07/22/97		
		MATRIX ---------->	Water		Water		Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	29956	VAL	
100-02-7	4-Nitrophenol		50.	U	53.	U	50.	U	50.	U	50.	U	50.	U	
132-64-9	Dibenzofuran		10.	U	10.	U	10.	U	10.	U	1.	J	10.	U	
121-14-2	2,4-Dinitrotoluene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-66-2	Diethylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
7005-72-3	4-Chlorophenylphenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
86-73-7	Fluorene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
100-01-6	4-Nitroaniline		50.	U	53.	U	50.	U	50.	U	50.	U	50.	U	
534-52-1	2-Methyl-4,6-Dinitrophenol		50.	U	53.	UJ	50.	U	50.	U	50.	U	50.	U	
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
101-55-3	4-Bromophenyl-phenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
118-74-1	Hexachlorobenzene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
87-86-5	Pentachlorophenol		50.	U	53.	U	50.	U	50.	U	50.	U	50.	U	
85-01-8	Phenanthrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
120-12-7	Anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-74-2	Di-n-butylphthalate		10.	U	3.	J	4.	U	10.	U	3.	J	2.	J	
206-44-0	Fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
129-00-0	Pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
85-68-7	Butylbenzylphthalate		68.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
91-94-1	3,3'-Dichlorobenzidine		20.	U	21.	U	20.	U	20.	U	20.	U	20.	U	
56-55-3	Benzo(a)anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
218-01-9	Chrysene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		84.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
117-84-0	Di-n-octyl phthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
205-99-2	Benzo(b)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
207-08-9	Benzo(k)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
50-32-8	Benzo(a)pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
193-39-5	Indeno(1,2,3-cd)pyrene		10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U	
53-70-3	Dibenz(a,h)anthracene		10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U	
191-24-2	Benzo(g,h,i)perylene		10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA

	SAMPLE ID ------->	039-G-W010-06		039-H-W010-06		039-G-W010-A2		039-G-W011-05		039-G-W011-06		039-G-W012-05	
	ORIGINAL ID ----->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	LAB SAMPLE ID --->	31345.08		31345.09		28785.03		30507.01		31345.14		30052.01	
	ID FROM REPORT -->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	SAMPLE DATE ----->	10/04/97		10/04/97		03/11/97		08/06/97		10/05/97		07/11/97	
	DATE EXTRACTED -->	10/08/97		10/08/97		03/12/97		08/11/97		10/08/97		07/14/97	
	DATE ANALYZED --->	10/20/97		10/20/97		03/20/97		08/21/97		10/15/97		07/22/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	28773	VAL	30486	VAL	31345	VAL	29956	VAL
108-95-2	Phenol	10.	UR	10.	U	10.	U	10.	U	10.	U	2.	J
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	UR	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UR	10.	U	10.	U	2.	J	1.	J	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	UR	10.	U	10.	U	10.		22.		10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	UR	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	UR	10.	U	10.	U	3.	J	10.	U	10.	U
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	8.	J	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	UR	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	5.	J	4.	UJ	10.	U	300.	D	150.	D	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	UR	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	5.	J	5.	UJ	10.	U	210.	D	95.	D	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	UR	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	UR	50.	U	50.	U	50.	U	50.	U	50.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	UJ	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	UJ	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	UJ	10.	U	2.	J	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	UR	50.	U	50.	UJ	50.	U	50.	U	50.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
	SAMPLE ID ------->	039-G-W010-06		039-H-W010-06		039-G-W010-A2		039-G-W011-05		039-G-W011-06		039-G-W012-05	
	ORIGINAL ID ----->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	LAB SAMPLE ID --->	31345.08		31345.09		28785.03		30507.01		31345.14		30052.01	
	ID FROM REPORT -->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	SAMPLE DATE ----->	10/04/97		10/04/97		03/11/97		08/06/97		10/05/97		07/11/97	
	DATE EXTRACTED -->	10/08/97		10/08/97		03/12/97		08/11/97		10/08/97		07/14/97	
	DATE ANALYZED --->	10/20/97		10/20/97		03/20/97		08/21/97		10/15/97		07/22/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	28773	VAL	30486	VAL	31345	VAL	29956	VAL
100-02-7	4-Nitrophenol	50.	UR	50.	U	50.	U	50.	U	50.	U	50.	U
132-64-9	Dibenzofuran	10.	U	10.	UJ	2.	J	6.	J	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	6.	J	10.	UJ	10.	U	6.	J	8.	J	10.	U
100-01-6	4-Nitroaniline	50.	U	50.	UJ	50.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	UR	50.	U	50.	UJ	50.	U	50.	U	50.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	UR	50.	U	50.	U	2.	J	50.	U	50.	U
85-01-8	Phenanthrene	10.	U	10.	UJ	10.	U	5.	J	6.	J	10.	U
120-12-7	Anthracene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	UJ	10.	U	10.	U	10.	U	3.	J
206-44-0	Fluoranthene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	UJ	10.	U	2.	J	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	UJ	20.	U	20.	U	20.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

VOA

	SAMPLE ID ------->	039-G-W012-06		039-G-W012-A2		039-G-W013-01		039-G-W013-05		039-G-W013-06		039-G-W013-A2	
	ORIGINAL ID ----->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2	
	LAB SAMPLE ID --->	31302.07		28809.01		28435.01		30090.01		31345.15		28809.03	
	ID FROM REPORT -->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2	
	SAMPLE DATE ----->	10/03/97		03/12/97		02/07/97		07/14/97		10/05/97		03/12/97	
	DATE EXTRACTED -->	10/07/97		03/13/97		02/10/97		07/16/97		10/08/97		03/13/97	
	DATE ANALYZED --->	10/15/97		03/18/97		02/13/97		07/23/97		10/15/97		03/18/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302	VAL	28773	VAL	28417	VAL	30090	VAL	31345	VAL	28773	VAL
108-95-2	Phenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
541-73-1	1,3-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
105-67-9	2,4-Dimethylphenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
65-85-0	Benzoic acid	56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	11.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
87-68-3	Hexachlorobutadiene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
91-57-6	2-Methylnaphthalene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	11.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
95-95-4	2,4,5-Trichlorophenol	56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U
91-58-7	2-Chloronaphthalene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	56.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	56.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	11.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
		SAMPLE ID ------->	039-G-W012-06		039-G-W012-A2		039-G-W013-01		039-G-W013-05		039-G-W013-06		039-G-W013-A2		
		ORIGINAL ID ----->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2		
		LAB SAMPLE ID --->	31302.07		28809.01		28435.01		30090.01		31345.15		28809.03		
		ID FROM REPORT -->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2		
		SAMPLE DATE ----->	10/03/97		03/12/97		02/07/97		07/14/97		10/05/97		03/12/97		
		DATE EXTRACTED -->	10/07/97		03/13/97		02/10/97		07/16/97		10/08/97		03/13/97		
		DATE ANALYZED --->	10/15/97		03/18/97		02/13/97		07/23/97		10/15/97		03/18/97		
		MATRIX ---------->	Water		Water		Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		31302	VAL	28773	VAL	28417	VAL	30090	VAL	31345	VAL	28773	VAL	
100-02-7	4-Nitrophenol		56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U	
132-64-9	Dibenzofuran		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
121-14-2	2,4-Dinitrotoluene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-66-2	Diethylphthalate		11.	U	10.	U	10.	U	1.	J	10.	U	10.	U	
7005-72-3	4-Chlorophenylphenylether		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
86-73-7	Fluorene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
100-01-6	4-Nitroaniline		56.	U	50.	U	50.	U	50.	U	50.	U	50.	U	
534-52-1	2-Methyl-4,6-Dinitrophenol		56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U	
86-30-6	N-Nitrosodiphenylamine		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
101-55-3	4-Bromophenyl-phenylether		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
118-74-1	Hexachlorobenzene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
87-86-5	Pentachlorophenol		56.	U	50.	U	50.	U	50.	U	50.	UR	50.	U	
85-01-8	Phenanthrene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
120-12-7	Anthracene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-74-2	Di-n-butylphthalate		11.	U	10.	U	10.	U	10.	U	4.	JB	10.	U	
206-44-0	Fluoranthene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
129-00-0	Pyrene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
85-68-7	Butylbenzylphthalate		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
91-94-1	3,3'-Dichlorobenzidine		22.	U	20.	U	20.	U	20.	U	20.	U	20.	U	
56-55-3	Benzo(a)anthracene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
218-01-9	Chrysene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		11.	U	10.	U	20.	U	10.	U	10.	U	10.	U	
117-84-0	Di-n-octyl phthalate		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
205-99-2	Benzo(b)fluoranthene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
207-08-9	Benzo(k)fluoranthene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
50-32-8	Benzo(a)pyrene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
193-39-5	Indeno(1,2,3-cd)pyrene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
53-70-3	Dibenz(a,h)anthracene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
191-24-2	Benzo(g,h,i)perylene		11.	U	10.	U	10.	U	10.	U	10.	U	10.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA

	SAMPLE ID ------->	039-G-W014-01		039-G-W014-05		039-G-W014-06		039-G-W015-01		039-G-W015-05		039-H-W015-05	
	ORIGINAL ID ----->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
	LAB SAMPLE ID --->	28417.01		30118.01		31345.18		28417.03		30118.03		30118.04	
	ID FROM REPORT -->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
	SAMPLE DATE ----->	02/06/97		07/15/97		10/05/97		02/06/97		07/15/97		07/15/97	
	DATE EXTRACTED -->	02/07/97		07/21/97		10/08/97		02/07/97		07/21/97		07/21/97	
	DATE ANALYZED --->	02/11/97		07/24/97		10/15/97		02/11/97		07/24/97		07/24/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28417	VAL	30090	VAL	31345	VAL	28417	VAL	30090	VAL	30090	VAL
108-95-2	Phenol	10.	U	10.	U	4.	J	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	U	50.	U	1.	J	50.	U	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	5.	J	10.	U	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	11.		2.	J	6.	J	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
		SAMPLE ID ------->	039-G-W014-01		039-G-W014-05		039-G-W014-06		039-G-W015-01		039-G-W015-05		039-H-W015-05	
		ORIGINAL ID ----->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
		LAB SAMPLE ID --->	28417.01		30118.01		31345.18		28417.03		30118.03		30118.04	
		ID FROM REPORT -->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
		SAMPLE DATE ----->	02/06/97		07/15/97		10/05/97		02/06/97		07/15/97		07/15/97	
		DATE EXTRACTED -->	02/07/97		07/21/97		10/08/97		02/07/97		07/21/97		07/21/97	
		DATE ANALYZED --->	02/11/97		07/24/97		10/15/97		02/11/97		07/24/97		07/24/97	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter		28417	VAL	30090	VAL	31345	VAL	28417	VAL	30090	VAL	30090	VAL
100-02-7	4-Nitrophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
132-64-9	Dibenzofuran		2.	J	2.	J	10.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene		2.	J	2.	J	6.	J	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
85-01-8	Phenanthrene		1.	J	10.	U	1.	J	10.	U	10.	U	10.	U
120-12-7	Anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate		10.	U	10.	U	6.	JB	10.	U	10.	U	10.	U
206-44-0	Fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine		20.	UJ	20.	U	20.	U	20.	UJ	20.	U	20.	U
56-55-3	Benzo(a)anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		10.	U	16.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W015-06		039-H-W015-06		039-G-W041-05 RE		039-G-W041-06		039-G-W08D-05		039-G-W08D-06	
	ORIGINAL ID ----->	039GW01506		039HW01506		039GW04105		039GW04106		039GW08D05		039GW08D06	
	LAB SAMPLE ID --->	31345.20		31345.21		30486.01		31345.01		29993.02		31345.04	
	ID FROM REPORT -->	039GW01506		039HW01506		039GW04105		039GW04106		039GW08D05		039GW08D06	
	SAMPLE DATE ----->	10/05/97		10/05/97		08/05/97		10/04/97		07/08/97		10/04/97	
	DATE EXTRACTED -->	10/08/97		10/08/97		08/20/97		10/08/97		07/10/97		10/08/97	
	DATE ANALYZED --->	10/15/97		10/15/97		08/21/97		10/20/97		07/18/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	30486	VAL	31345	VAL	29956	VAL	31345	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
65-85-0	Benzoic acid	2.	J	1.	J	50.	U	50.	U	50.	UR	50.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U	2.	J	4.	J
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	5.	J
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	UR	10.	UR
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U	50.	UR	50.	UR
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	UR	50.	UR

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA													
	SAMPLE ID ------->	039-G-W015-06		039-H-W015-06		039-G-W04I-05 RE		039-G-W04I-06		039-G-W08D-05		039-G-W08D-06	
	ORIGINAL ID ----->	039GW01506		039HW01506		039GW04I05		039GW04I06		039GW08D05		039GW08D06	
	LAB SAMPLE ID --->	31345.20		31345.21		30486.01		31345.01		29993.02		31345.04	
	ID FROM REPORT -->	039GW01506		039HW01506		039GW04I05		039GW04I06		039GW08D05		039GW08D06	
	SAMPLE DATE ----->	10/05/97		10/05/97		08/05/97		10/04/97		07/08/97		10/04/97	
	DATE EXTRACTED -->	10/08/97		10/08/97		08/20/97		10/08/97		07/10/97		10/08/97	
	DATE ANALYZED --->	10/15/97		10/15/97		08/21/97		10/20/97		07/18/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	30486	VAL	31345	VAL	29956	VAL	31345	VAL
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	U	50.	UR	50.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	3.	J	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	1.	J	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	6.	J
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	UR	50.	UR
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	U	50.	UR	50.	UR
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	5.	JB	5.	JB	10.	U	4.	JB	1.	J	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	039-G-W08D-A2		039-G-W09D-05		039-G-W09D-06		039-G-W09D-A2		039-G-W09I-05		039-G-W09I-06	
	ORIGINAL ID ----->	039GW08DA2		039GW09D05		039GW09D06		039GW09DA2		039GW09I05		039GW09I06	
	LAB SAMPLE ID --->	28773.03		30011.04		31345.07		28785.02		30011.03		31345.06	
	ID FROM REPORT -->	039GW08DA2		039GW09D05		039GW09D06		039GW09DA2		039GW09I05		039GW09I06	
	SAMPLE DATE ----->	03/10/97		07/09/97		10/04/97		03/11/97		07/09/97		10/04/97	
	DATE EXTRACTED -->	03/11/97		07/11/97		10/08/97		03/12/97		07/11/97		10/08/97	
	DATE ANALYZED --->	03/17/97		07/18/97		10/20/97		03/17/97		07/18/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	31345	VAL
108-95-2	Phenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
111-44-4	bis(2-Chloroethyl)ether	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
95-57-8	2-Chlorophenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
541-73-1	1,3-Dichlorobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
621-64-7	N-Nitroso-di-n-propylamine	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
67-72-1	Hexachloroethane	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
98-95-3	Nitrobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
78-59-1	Isophorone	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
88-75-5	2-Nitrophenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
105-67-9	2,4-Dimethylphenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
65-85-0	Benzoic acid	50.	UR	54.	U	50.	U	50.	U	57.	U	50.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
91-20-3	Naphthalene	2.	J	11.	U	10.	U	10.	U	11.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
91-57-6	2-Methylnaphthalene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	11.	UJ	10.	U	10.	U	11.	UJ	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	UR	11.	U	10.	U	10.	U	11.	U	10.	UR
95-95-4	2,4,5-Trichlorophenol	50.	UR	54.	U	50.	U	50.	U	57.	U	50.	UR
91-58-7	2-Chloronaphthalene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	54.	U	50.	U	50.	U	57.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
208-96-8	Acenaphthylene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	54.	U	50.	U	50.	U	57.	U	50.	U
83-32-9	Acenaphthene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	UR	54.	UJ	50.	U	50.	U	57.	UJ	50.	UR

*** Validatiu Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
	SAMPLE ID ------->	039-G-W08D-A2		039-G-W09D-05		039-G-W09D-06		039-G-W09D-A2		039-G-W09I-05		039-G-W09I-06	
	ORIGINAL ID ----->	039GW08DA2		039GW09D05		039GW09D06		039GW09DA2		039GW09I05		039GW09I06	
	LAB SAMPLE ID --->	28773.03		30011.04		31345.07		28785.02		30011.03		31345.06	
	ID FROM REPORT -->	039GW08DA2		039GW09D05		039GW09D06		039GW09DA2		039GW09I05		039GW09I06	
	SAMPLE DATE ----->	03/10/97		07/09/97		10/04/97		03/11/97		07/09/97		10/04/97	
	DATE EXTRACTED -->	03/11/97		07/11/97		10/08/97		03/12/97		07/11/97		10/08/97	
	DATE ANALYZED --->	03/17/97		07/18/97		10/20/97		03/17/97		07/18/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	31345	VAL
100-02-7	4-Nitrophenol	50.	UR	54.	U	50.	U	50.	U	57.	U	50.	UR
132-64-9	Dibenzofuran	2.	J	11.	U	10.	U	10.	U	11.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
84-66-2	Diethylphthalate	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
86-73-7	Fluorene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
100-01-6	4-Nitroaniline	50.	U	54.	U	50.	U	50.	U	57.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	UR	54.	UJ	50.	U	50.	U	57.	UJ	50.	UR
86-30-6	N-Nitrosodiphenylamine	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
87-86-5	Pentachlorophenol	50.	UR	54.	U	50.	U	50.	U	57.	U	50.	UR
85-01-8	Phenanthrene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
120-12-7	Anthracene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
206-44-0	Fluoranthene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
129-00-0	Pyrene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	22.	U	20.	U	20.	U	23.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
218-01-9	Chrysene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	11.	U	10.	U	10.	U	11.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	11.	UJ	10.	U	10.	U	11.	UJ	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	11.	UJ	10.	U	10.	U	11.	UJ	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	11.	UJ	10.	U	10.	U	11.	UJ	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	039-G-W09I-A2		039-G-W10D-05		039-G-W10D-06		039-G-W10D-A2		039-G-W10I-05		039-G-W10I-06	
	ORIGINAL ID ----->	039GW09IA2		039GW10D05		039GW10D06		039GW10DA2		039GW10I05		039GW10I06	
	LAB SAMPLE ID --->	28773.01		30036.04		31345.11		28785.05		30036.03		31345.10	
	ID FROM REPORT -->	039GW09IA2		039GW10D05		039GW10D06		039GW10DA2		039GW10I05		039GW10I06	
	SAMPLE DATE ----->	03/10/97		07/10/97		10/04/97		03/11/97		07/10/97		10/04/97	
	DATE EXTRACTED -->	03/11/97		07/14/97		10/08/97		03/12/97		07/14/97		10/08/97	
	DATE ANALYZED --->	03/17/97		07/22/97		10/21/97		03/20/97		07/22/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	31345	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	2.	J	10.	UR
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	50.	U	50.	U	50.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UR
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	UR
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	UJ	50.	U	50.	UR

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA													
	SAMPLE ID ------->	039-G-W09I-A2		039-G-W10D-05		039-G-W10D-06		039-G-W10D-A2		039-G-W10I-05		039-G-W10I-06	
	ORIGINAL ID ----->	039GW09IA2		039GW10D05		039GW10D06		039GW10DA2		039GW10I05		039GW10I06	
	LAB SAMPLE ID --->	28773.01		30036.04		31345.11		28785.05		30036.03		31345.10	
	ID FROM REPORT -->	039GW09IA2		039GW10D05		039GW10D06		039GW10DA2		039GW10I05		039GW10I06	
	SAMPLE DATE ----->	03/10/97		07/10/97		10/04/97		03/11/97		07/10/97		10/04/97	
	DATE EXTRACTED -->	03/11/97		07/14/97		10/08/97		03/12/97		07/14/97		10/08/97	
	DATE ANALYZED --->	03/17/97		07/22/97		10/21/97		03/20/97		07/22/97		10/20/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	31345	VAL
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	UR
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	UJ	50.	U	50.	UR
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	UR
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	3.	J	10.	U	10.	U	2.	J	4.	JB
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	UJ	20.	U	20.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W10I-A2		039-G-W12D-05		039-G-W12D-06		039-G-W12D-A2		039-G-W12I-05		039-G-W12I-06	
	ORIGINAL ID ----->	039GW10IA2		039GW12D05		039GW12D06		039GW12DA2		039GW12I05		039GW12I06	
	LAB SAMPLE ID --->	28785.04		30052.03		31302.05		28809.02		30052.02		31302.01	
	ID FROM REPORT -->	039GW10IA2		039GW12D05		039GW12D06		039GW12DA2		039GW12I05		039GW12I06	
	SAMPLE DATE ----->	03/11/97		07/11/97		10/03/97		03/12/97		07/11/97		10/03/97	
	DATE EXTRACTED -->	03/12/97		07/14/97		10/07/97		03/13/97		07/14/97		10/07/97	
	DATE ANALYZED --->	03/20/97		07/22/97		10/15/97		03/18/97		07/22/97		10/15/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31302	VAL	28773	VAL	29956	VAL	31302	VAL
108-95-2	Phenol	10.	UR	7.	J	12.	U	10.	U	3.	J	11.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
100-51-6	Benzyl alcohol	10.	U	2.	J	12.	U	10.	U	10.	U	11.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
67-72-1	Hexachloroethane	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
98-95-3	Nitrobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
78-59-1	Isophorone	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
105-67-9	2,4-Dimethylphenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
65-85-0	Benzoic acid	50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
91-20-3	Naphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	UR	10.	U	12.	U	10.	U	10.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	62.	U	50.	U	50.	U	53.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
208-96-8	Acenaphthylene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	62.	U	50.	U	50.	U	53.	U
83-32-9	Acenaphthene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA													
		SAMPLE ID ------->	039-G-W10I-A2		039-G-W12D-05		039-G-W12D-06		039-G-W12D-A2		039-G-W12I-05		039-G-W12I-06	
		ORIGINAL ID ----->	039GW10IA2		039GW12D05		039GW12D06		039GW12DA2		039GW12I05		039GW12I06	
		LAB SAMPLE ID --->	28785.04		30052.03		31302.05		28809.02		30052.02		31302.01	
		ID FROM REPORT -->	039GW10IA2		039GW12D05		039GW12D06		039GW12DA2		039GW12I05		039GW12I06	
		SAMPLE DATE ----->	03/11/97		07/11/97		10/03/97		03/12/97		07/11/97		10/03/97	
		DATE EXTRACTED -->	03/12/97		07/14/97		10/07/97		03/13/97		07/14/97		10/07/97	
		DATE ANALYZED --->	03/20/97		07/22/97		10/15/97		03/18/97		07/22/97		10/15/97	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter		28773	VAL	29956	VAL	31302	VAL	28773	VAL	29956	VAL	31302	VAL
100-02-7	4-Nitrophenol		50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U
132-64-9	Dibenzofuran		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
121-14-2	2,4-Dinitrotoluene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
84-66-2	Diethylphthalate		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
86-73-7	Fluorene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
100-01-6	4-Nitroaniline		50.	U	50.	U	62.	U	50.	U	50.	U	53.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
87-86-5	Pentachlorophenol		50.	UR	50.	U	62.	U	50.	U	50.	U	53.	U
85-01-8	Phenanthrene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
120-12-7	Anthracene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate		10.	U	2.	J	12.	U	10.	U	2.	J	11.	U
206-44-0	Fluoranthene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
129-00-0	Pyrene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine		20.	U	20.	U	25.	U	20.	U	20.	U	21.	U
56-55-3	Benzo(a)anthracene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
218-01-9	Chrysene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		10.	U	10.	U	12.	U	10.	U	10.	U	16.	U
117-84-0	Di-n-octyl phthalate		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
205-99-2	Benzo(b)fluoranthene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
191-24-2	Benzo(g,h,i)perylene		10.	U	10.	U	12.	U	10.	U	10.	U	11.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	039-G-W12I-A2		039-G-W13D-05		039-G-W13D-06		039-G-W13D-A2		039-G-W13I-05		039-G-W13I-06	
	ORIGINAL ID ----->	039GW12IA2		039GW13D05		039GW13D06		039GW13DA2		039GW13I05		039GW13I06	
	LAB SAMPLE ID --->	28785.01		30090.03		31345.17		28809.05		30090.02		31345.16	
	ID FROM REPORT -->	039GW12IA2		039GW13D05		039GW13D06		039GW13DA2		039GW13I05		039GW13I06	
	SAMPLE DATE ----->	03/11/97		07/14/97		10/05/97		03/12/97		07/14/97		10/05/97	
	DATE EXTRACTED -->	03/12/97		07/16/97		10/08/97		03/13/97		07/16/97		10/08/97	
	DATE ANALYZED --->	03/17/97		07/23/97		10/15/97		03/18/97		07/23/97		10/15/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	30090	VAL	31345	VAL	28773	VAL	30090	VAL	31345	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	2.	J
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	1.	J	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	3.	J
106-47-8	4-Chloroaniline	10.	U	10.	UJ	10.	U	10.	U	10.	UJ	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
		SAMPLE ID ------->	039-G-W121-A2		039-G-W13D-05		039-G-W13D-06		039-G-W13D-A2		039-G-W13I-05		039-G-W13I-06		
		ORIGINAL ID ----->	039GW121A2		039GW13D05		039GW13D06		039GW13DA2		039GW13I05		039GW13I06		
		LAB SAMPLE ID --->	28785.01		30090.03		31345.17		28809.05		30090.02		31345.16		
		ID FROM REPORT -->	039GW121A2		039GW13D05		039GW13D06		039GW13DA2		039GW13I05		039GW13I06		
		SAMPLE DATE ----->	03/11/97		07/14/97		10/05/97		03/12/97		07/14/97		10/05/97		
		DATE EXTRACTED -->	03/12/97		07/16/97		10/08/97		03/13/97		07/16/97		10/08/97		
		DATE ANALYZED --->	03/17/97		07/23/97		10/15/97		03/18/97		07/23/97		10/15/97		
		MATRIX ---------->	Water		Water		Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		28773	VAL	30090	VAL	31345	VAL	28773	VAL	30090	VAL	31345	VAL	
100-02-7	4-Nitrophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U	
132-64-9	Dibenzofuran		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
121-14-2	2,4-Dinitrotoluene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-66-2	Diethylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
7005-72-3	4-Chlorophenylphenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
86-73-7	Fluorene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
100-01-6	4-Nitroaniline		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U	
534-52-1	2-Methyl-4,6-Dinitrophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U	
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
101-55-3	4-Bromophenyl-phenylether		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
118-74-1	Hexachlorobenzene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
87-86-5	Pentachlorophenol		50.	U	50.	U	50.	U	50.	U	50.	U	50.	U	
85-01-8	Phenanthrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
120-12-7	Anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
84-74-2	Di-n-butylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
206-44-0	Fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
129-00-0	Pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
85-68-7	Butylbenzylphthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
91-94-1	3,3'-Dichlorobenzidine		20.	U	20.	U	20.	U	20.	U	20.	U	20.	U	
56-55-3	Benzo(a)anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
218-01-9	Chrysene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		10.	U	15.	U	10.	U	10.	U	10.	U	10.	U	
117-84-0	Di-n-octyl phthalate		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
205-99-2	Benzo(b)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
207-08-9	Benzo(k)fluoranthene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
50-32-8	Benzo(a)pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
193-39-5	Indeno(1,2,3-cd)pyrene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
53-70-3	Dibenz(a,h)anthracene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	
191-24-2	Benzo(g,h,i)perylene		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA													
	SAMPLE ID ------->	039-G-W13I-A2		039-G-W14D-01		039-G-W14D-05		039-G-W14D-06		039-G-W15D-01		039-G-W15D-05	
	ORIGINAL ID ----->	039GW13IA2		039GW14D01		039GW14D05		039GW14D06		039GW15D01		039GW15D05	
	LAB SAMPLE ID --->	28809.04		28417.02		30118.02		31345.19		28417.04		30118.05	
	ID FROM REPORT -->	039GW13IA2		039GW14D01		039GW14D05		039GW14D06		039GW15D01		039GW15D05	
	SAMPLE DATE ----->	03/12/97		02/06/97		07/15/97		10/05/97		02/06/97		07/15/97	
	DATE EXTRACTED -->	03/13/97		02/07/97		07/21/97		10/08/97		02/07/97		07/21/97	
	DATE ANALYZED --->	03/18/97		02/11/97		07/24/97		10/15/97		02/11/97		07/24/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	28417	VAL	30090	VAL	31345	VAL	28417	VAL	30090	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA															
	SAMPLE ID ------->	039-G-W13I-A2		039-G-W14D-01		039-G-W14D-05		039-G-W14D-06		039-G-W15D-01		039-G-W15D-05	
	ORIGINAL ID ----->	039GW13IA2		039GW14D01		039GW14D05		039GW14D06		039GW15D01		039GW15D05	
	LAB SAMPLE ID --->	28809.04		28417.02		30118.02		31345.19		28417.04		30118.05	
	ID FROM REPORT -->	039GW13IA2		039GW14D01		039GW14D05		039GW14D06		039GW15D01		039GW15D05	
	SAMPLE DATE ----->	03/12/97		02/06/97		07/15/97		10/05/97		02/06/97		07/15/97	
	DATE EXTRACTED -->	03/13/97		02/07/97		07/21/97		10/08/97		02/07/97		07/21/97	
	DATE ANALYZED --->	03/18/97		02/11/97		07/24/97		10/15/97		02/11/97		07/24/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	28417	VAL	30090	VAL	31345	VAL	28417	VAL	30090	VAL
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	2.	J	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	UJ	20.	U	20.	U	20.	UJ	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

SAMPLE ID ------->	039-G-W15D-06
ORIGINAL ID ----->	039GW15D06
LAB SAMPLE ID --->	31345.22
ID FROM REPORT -->	039GW15D06
SAMPLE DATE ----->	10/05/97
DATE EXTRACTED -->	10/08/97
DATE ANALYZED --->	10/15/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31345	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
65-85-0	Benzoic acid	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	10.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	50.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	50.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	50.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	50.	U

*** Validati Complete ***

SVOA

SAMPLE ID ------->	039-G-W15D-06
ORIGINAL ID ----->	039GW15D06
LAB SAMPLE ID --->	31345.22
ID FROM REPORT -->	039GW15D06
SAMPLE DATE ----->	10/05/97
DATE EXTRACTED -->	10/08/97
DATE ANALYZED --->	10/15/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31345	VAL
100-02-7	4-Nitrophenol	50.	U
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	50.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	50.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W-VOA

	SAMPLE ID ------->	039-G-W001-04		039-G-W002-04		039-G-W003-04		039-G-W004-04		039-G-W005-04		039-G-W006-04	
	ORIGINAL ID ----->	039GW00104		039GW00204		039GW00304		039GW00404		039GW00504		039GW00604	
	LAB SAMPLE ID --->	6395-03		6414-03		6414-04		6423-01		6423-03		6434-06	
	ID FROM REPORT -->	039GW00104		039GW00204		039GW00304		039GW00404		039GW00504		039GW00604	
	SAMPLE DATE ----->	10/07/96		10/08/96		10/08/96		10/09/96		10/09/96		10/10/96	
	DATE EXTRACTED -->	10/11/96		10/11/96		10/25/96		10/11/96		10/11/96		10/14/96	
	DATE ANALYZED --->	10/14/96		10/22/96		10/22/96		10/17/96		10/22/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6382	VAL	6434	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	29.		5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	110.		5.	U	5.	U	5.	U	78.		5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	UR	5.	U	5.	U	5.	UR	5.	UJ	5.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	UJ
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	8.		5.	U	5.	U	5.	U
108-88-3	Toluene	4.	J	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	34.		5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	3.	J	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	72.		5.	U	5.	U	5.	U	5.	U	5.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW-VOA

	SAMPLE ID ------->	039-G-W007-04		039-G-W008-04		039-G-W009-04		039-G-W010-04		039-G-W011-04		039-G-W012-04	
	ORIGINAL ID ----->	039GW00704		039GW00804		039GW00904		039GW01004		039GW01104		039GW01204	
	LAB SAMPLE ID --->	6437-01		6437-02		6437-03		6437-04		6450-04		6458-03	
	ID FROM REPORT -->	039GW00704		039GW00804		039GW00904		039GW01004		039GW01104		039GW01204	
	SAMPLE DATE ----->	10/11/96		10/11/96		10/11/96		10/11/96		10/15/96		10/16/96	
	DATE EXTRACTED -->									10/28/96			
	DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		10/15/96		10/18/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6434	VAL	6434	VAL	6434	VAL	6434	VAL	6434	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	6.		5.	U	5.	U	3.	J
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	34.		10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	3.	J
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	U	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	2.	J	5.	U	5.	U	92.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	180.	D	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U	5.	U	5.	U	5.	UR	5.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	UJ
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	190.	D	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	38.		5.	U	5.	U	130.	
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	460.	D	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W-VOA

	SAMPLE ID ------->	039-G-W014-A2		039-G-W015-A2		039-G-W04D-04		039-G-W04I-01		039-G-W08D-04		039-G-W09D-01	
	ORIGINAL ID ----->	039GW014A2		039GW015A2		039GW04D04		039GW04I01		039GW08D04		039GW09D01	
	LAB SAMPLE ID --->	7438-03		7438-01		6423-02		6607-07		6450-03		6589-04	
	ID FROM REPORT -->	039GW014A2		039GW015A2		039GW04D04		039GW04I01		039GW08D04		039GW09D01	
	SAMPLE DATE ----->	03/20/97		03/20/97		10/08/96		11/06/96		10/15/96		11/04/96	
	DATE EXTRACTED -->					10/21/96						11/07/96	
	DATE ANALYZED --->	04/02/97		04/02/97		10/22/96		11/09/96		10/17/96		11/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	7438	VAL	7438	VAL	6382	VAL	6589	VAL	6434	VAL	6589	VAL
74-87-3	Chloromethane	5.	U	5.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	5.	U	5.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	13.		10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	23.		5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U	5.	U	5.	U	5.	UR	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	7.		5.	U	4.	J
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW-VOA

	SAMPLE ID ------->	039-G-W09I-01		039-G-W10D-01		039-G-W10I-01		039-G-W12D-04		039-G-W12I-04		039-G-W13D-01	
	ORIGINAL ID ----->	039GW09I01		039GW10D01		039GW10I01		039GW12D04		039GW12I04		039GW13D01	
	LAB SAMPLE ID --->	6607-01		6607-06		6607-05		6458-05		6458-04		6607-02	
	ID FROM REPORT -->	039GW09I01		039GW10D01		039GW10I01		039GW12D04		039GW12I04		039GW13D01	
	SAMPLE DATE ----->	11/05/96		11/06/96		11/06/96		10/16/96		10/16/96		11/05/96	
	DATE EXTRACTED -->	11/07/96				11/14/96		10/28/96		10/28/96			
	DATE ANALYZED --->	11/08/96		11/08/96		11/08/96		10/24/96		10/25/96		11/08/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6589	VAL	6589	VAL	6589	VAL	6434	VAL	6434	VAL	6589	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	UJ	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	10.		5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	28.	U	340.	U	10.	U	10.	U	15.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	J	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	7.	
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	120.		56.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	33.	
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	7.		48.		5.	U	240.	D	70.	
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W-VOA

	SAMPLE ID ------->	039-G-W131-01		039-G-W14D-A2		039-G-W15D-A2					
	ORIGINAL ID ----->	039GW13101		039GW14DA2		039GW15DA2					
	LAB SAMPLE ID --->	6607-03		7446-02		7438-02					
	ID FROM REPORT -->	039GW13101		039GW14DA2		039GW15DA2					
	SAMPLE DATE ----->	11/05/96		03/21/97		03/20/97					
	DATE ANALYZED --->	11/08/96		04/02/97		04/02/97					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	6589	VAL	7438	VAL	7438	VAL				
74-87-3	Chloromethane	10.	U	5.	U	5.	U				
74-83-9	Bromomethane	10.	U	5.	U	5.	U				
75-01-4	Vinyl chloride	9.		5.	U	5.	U				
75-00-3	Chloroethane	5.	U	5.	U	5.	U				
75-09-2	Methylene chloride	5.	U	5.	U	5.	U				
67-64-1	Acetone	10.	U	10.	U	10.	U				
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U				
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U				
108-05-4	Vinyl acetate	5.	U	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U				
79-01-6	Trichloroethene	22.		5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U	5.	U				
591-78-6	2-Hexanone	10.	U	10.	U	10.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U				
127-18-4	Tetrachloroethene	110.		5.	U	5.	U				
108-88-3	Toluene	5.	U	5.	U	5.	U				
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U				
156-59-2	cis-1,2-Dichloroethene	69.		5.	U	5.	U				
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U				

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846 META									
	SAMPLE ID ------->	039-H-W003-04		039-H-W011-04					
	ORIGINAL ID ----->	039HW00304		039HW01104					
	LAB SAMPLE ID --->	6414-05		6450-05					
	ID FROM REPORT -->	039HW00304		039HW01104					
	SAMPLE DATE ----->	10/08/96		10/10/96					
	DATE EXTRACTED -->	11/08/96		11/08/96					
	DATE ANALYZED --->	11/12/96		11/12/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	6414	VAL	6414	VAL				
7440-36-0	Antimony (Sb)	2.	U	2.	U				
7440-38-2	Arsenic (As)	2.1	UJ	2.2	J				
7440-39-3	Barium (Ba)	24.1	J	9.2	J				
7440-41-7	Beryllium (Be)	0.11	U	0.11	U				
7440-43-9	Cadmium (Cd)	0.22	U	0.22	U				
7440-47-3	Chromium (Cr)	0.78	U	0.78	U				
7440-48-4	Cobalt (Co)	0.67	U	0.67	U				
7440-50-8	Copper (Cu)	1.9	U	2.2	U				
7439-92-1	Lead (Pb)	1.4	U	1.4	U				
7439-97-6	Mercury (Hg)	0.1	U	0.1	U				
7440-02-0	Nickel (Ni)	0.67	U	0.67	U				
7782-49-2	Selenium (Se)	2.1	U	2.1	U				
7440-22-4	Silver (Ag)	1.	U	1.	U				
7440-28-0	Thallium (Tl)	3.1	U	3.1	U				
7440-62-2	Vanadium (V)	0.83	J	2.5	J				
7440-66-6	Zinc (Zn)	2.7	UJ	31.6	UJ				
7440-31-5	Tin (Sn)	54.8	U	54.8	U				
7429-90-5	Aluminum (Al)	87.8	J	137.	J				
7440-70-2	Calcium (Ca)	58800.		11500.					
7439-89-6	Iron (Fe)	117.	U	28300.					
7439-95-4	Magnesium (Mg)	3430.	J	2950.	J				
7439-96-5	Manganese (Mn)	49.6		36.9					
7440-09-7	Potassium (K)	2150.	J	1980.	J				
7440-23-5	Sodium (Na)	20300.	U	11400.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-DIOX

	SAMPLE ID ------->	039-G-W001-04		039-G-W002-04		039-G-W003-04		039-H-W003-04		039-G-W004-04		039-G-W005-04	
	ORIGINAL ID ----->	039GW00104		039GW00204		039GW00304		039HW00304		039GW00404		039GW00504	
	LAB SAMPLE ID --->	27226.01		27243.01		27243.02		27244.01		27257.01		27257.03	
	ID FROM REPORT -->	039GW00104		039GW00204		039GW00304		039HW00304		039GW00404		039GW00504	
	SAMPLE DATE ----->	10/07/96		10/08/96		10/08/96		10/08/96		10/09/96		10/09/96	
	DATE EXTRACTED -->	10/10/96		10/10/96		10/10/96		10/10/96		10/15/96		10/15/96	
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96		10/17/96		10/22/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	PG/L		PG/L		PG/L		PG/L		PG/L		PG/L	
CAS #	Parameter	27226	VAL	27226	VAL	27226	VAL	27226	VAL	27226	VAL	27226	VAL
1746-01-6	2378-TCDD	1.91	U	1.45	U	1.01	U	1.	U	3.67	U	1.69	U
40321-76-4	12378-PeCDD	1.68	U	1.41	U	1.82	U	1.81	U	8.64	U	4.65	U
39227-28-6	123478-HxCDD	2.62	U	2.23	U	1.14	U	2.35	U	11.2	U	4.06	U
57653-85-7	123678-HxCDD	4.14	EMPC	1.62	U	0.825	U	1.71	U	8.14	U	2.95	U
19408-74-3	123789-HxCDD	1.98	U	1.69	U	0.859	U	1.78	U	8.48	U	3.07	U
35822-46-9	1234678-HpCDD	38.5	EMPC	4.92	EMPC	3.53	EMPC	14.1	EMPC	28.9	EMPC	7.33	EMPC
3268-87-9	OCDD	265.	EMPC	41.9	EMPC	41.7	EMPC	108.	EMPC	162.	EMPC	74.	EMPC
51207-31-9	2378-TCDF	2.24	U	1.69	U	1.36	U	1.32	U	2.08	U	1.62	U
57117-41-6	12378-PeCDF	1.88	U	1.12	U	0.885	U	1.22	U	3.04	U	1.55	U
57117-31-4	23478-PeCDF	1.81	U	1.08	U	0.853	U	1.18	U	2.93	U	1.49	U
70648-26-9	123478-HxCDF	1.67	U	0.951	U	0.752	U	1.37	U	3.94	U	2.45	U
57117-44-9	123678-HxCDF	2.96	EMPC	0.692	U	0.547	U	0.996	U	2.87	U	1.78	U
72918-21-9	123789-HxCDF	1.64	U	0.938	U	0.741	U	1.35	U	3.89	U	2.41	U
60851-34-5	234678-HxCDF	1.55	U	0.886	U	1.73	EMPC	1.27	U	3.67	U	2.28	U
67562-39-4	1234678-HpCDF	9.36	EMPC	2.2	EMPC	1.62	EMPC	3.56	EMPC	11.8	EMPC	5.34	EMPC
55673-89-7	1234789-HpCDF	2.4	U	1.92	U	1.29	U	1.59	U	3.58	U	1.64	U
39001-02-0	OCDF	13.8	EMPC	1.9	U	2.89	EMPC	4.11	EMPC	12.1	EMPC	13.7	EMPC
41903-57-5	Total Tetra-Dioxins	1.91	U	1.45	U	1.01	U	1.	U	3.67	U	1.69	U
36088-22-9	Total Penta-Dioxins	1.68	U	1.41	U	1.18	U	1.81	U	8.64	U	4.65	U
34465-46-8	Total Hexa-Dioxins	1.9	U	1.62	U	0.825	U	1.71	U	8.14	U	2.95	U
37871-00-4	Total Hepta-Dioxins	60.		1.56	U	1.29	U	14.1	EMPC	47.1		9.62	
55722-27-5	Total Tetra-Furans	2.24	U	1.69	U	1.36	U	1.32	U	2.08	U	1.62	U
30602-15-4	Total Penta-Furans	1.81	U	1.08	U	0.853	U	1.18	U	2.93	U	1.49	U
55684-94-1	Total Hexa-Furans	1.21	U	0.692	U	0.547	U	0.996	U	2.87	U	1.78	U
38998-75-3	Total Hepta-Furans	7.52		1.67	U	1.12	U	1.38	U	9.55		1.42	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-DIOX

SAMPLE ID ------->		039-G-W006-04		039-G-W007-04		039-G-W008-04		039-G-W008-A2		039-G-W009-04		039-G-W009-A2	
ORIGINAL ID ----->		039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2	
LAB SAMPLE ID --->		27276.01		27296.01		27296.02		28773.04		27296.03		28773.02	
ID FROM REPORT -->		039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2	
SAMPLE DATE ----->		10/10/96		10/11/96		10/11/96		03/10/97		10/11/96		03/10/97	
DATE EXTRACTED -->		10/15/96		10/15/96		10/15/96		03/11/97		10/15/96		03/11/97	
DATE ANALYZED --->		10/22/96		10/21/96		10/21/96		03/17/97		10/21/96		03/17/97	
MATRIX ---------->		Water		Water		Water		Water		Water		Water	
UNITS ---------->		PG/L		PG/L		PG/L		PG/L		PG/L		PG/L	
CAS #	Parameter	27226	VAL	27226	VAL	27226	VAL	28773	VAL	27226	VAL	28773	VAL
1746-01-6	2378-TCDD	1.59	U	1.65	U	2.15	U	1.77	U	1.59	U	2.23	U
40321-76-4	12378-PeCDD	3.	U	1.47	U	1.68	U	4.29	U	1.38	U	4.3	U
39227-28-6	123478-HxCDD	5.04	U	4.25	U	3.67	U	1.99	U	3.21	U	2.13	U
57653-85-7	123678-HxCDD	3.66	U	3.09	U	2.67	U	1.52	U	2.33	U	1.62	U
19408-74-3	123789-HxCDD	3.81	U	3.21	U	2.77	U	1.63	U	2.43	U	1.74	U
35822-46-9	1234678-HpCDD	2.04	U	5.8	EMPC	2.83	U	2.9	EMPC	2.79	U	5.24	EMPC
3268-87-9	OCDD	31.2	EMPC	45.5	EMPC	48.7	EMPC	13.8	EMPC	29.6	EMPC	39.2	EMPC
51207-31-9	2378-TCDF	1.24	U	1.87	U	1.61	U	1.1	U	2.08	U	1.77	U
57117-41-6	12378-PeCDF	1.38	U	1.09	U	1.57	U	1.55	U	1.11	U	1.83	U
57117-31-4	23478-PeCDF	1.33	U	1.05	U	1.52	U	1.49	U	1.07	U	1.75	U
70648-26-9	123478-HxCDF	2.04	U	1.95	U	1.45	U	1.13	U	1.53	U	0.997	U
57117-44-9	123678-HxCDF	1.49	U	1.42	U	1.06	U	0.976	U	1.11	U	0.859	U
72918-21-9	123789-HxCDF	2.01	U	1.92	U	1.43	U	1.22	U	1.51	U	1.08	U
60851-34-5	234678-HxCDF	1.9	U	1.81	EMPC	1.35	U	1.12	U	1.42	U	0.99	U
67562-39-4	1234678-HpCDF	1.88	U	2.4	U	2.44	U	1.63	EMPC	1.9	U	1.06	U
55673-89-7	1234789-HpCDF	2.16	U	2.76	U	2.81	U	1.02	U	2.19	U	1.21	U
39001-02-0	OCDF	1.38	U	1.36	U	2.38	U	1.36	U	2.79	U	0.688	U
41903-57-5	Total Tetra-Dioxins	1.59	U	1.56	U	2.15	U	1.77	U	1.59	U	2.23	U
36088-22-9	Total Penta-Dioxins	3.	U	1.47	U	1.68	U	4.29	U	1.38	U	4.3	U
34465-46-8	Total Hexa-Dioxins	3.66	U	3.09	U	2.67	U	1.52	U	2.33	U	1.62	U
37871-00-4	Total Hepta-Dioxins	2.04	U	2.78	U	2.83	U	1.2	U	2.79	U	8.68	
55722-27-5	Total Tetra-Furans	1.24	U	1.87	U	1.61	U	1.1	U	2.08	U	1.77	U
30602-15-4	Total Penta-Furans	1.33	U	1.05	U	1.52	U	1.49	U	1.07	U	1.75	U
55684-94-1	Total Hexa-Furans	1.49	U	1.42	U	1.06	U	0.976	U	1.11	U	0.859	U
38998-75-3	Total Hepta-Furans	1.88	U	2.4	U	2.44	U	1.63		1.9	U	1.06	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-DIOX

SAMPLE ID ------->	039-G-W010-04	039-G-W010-A2	039-H-W010-A2	039-G-W011-04	039-H-W011-04	039-G-W012-04
ORIGINAL ID ----->	039GW01004	039GW010A2	039HW010A2	039GW01104	039HW01104	039GW01204
LAB SAMPLE ID --->	27296.04	28785.03	28786.01	27324.04	27325.01	27335.05
ID FROM REPORT -->	039GW01004	039GW010A2	039HW010A2	039GW01104	039HW01104	039GW01204
SAMPLE DATE ----->	10/11/96	03/11/97	03/11/97	10/15/96	10/15/96	10/16/96
DATE EXTRACTED -->	10/15/96	03/13/97	03/13/97	10/17/96	10/17/96	10/17/96
DATE ANALYZED --->	10/21/96	03/20/97	03/21/97	10/24/96	10/24/96	10/23/96
MATRIX ---------->	Water	Water	Water	Water	Water	Water
UNITS ---------->	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L

CAS #	Parameter	27226	VAL	28773	VAL	28773	VAL	27324	VAL	27324	VAL	27324	VAL
1746-01-6	2378-TCDD	2.25	U	1.79	U	2.98	EMPC	1.9	U	1.24	U	5.12	U
40321-76-4	12378-PeCDD	1.33	U	2.97	U	4.47	U	1.81	U	1.58	U	4.24	U
39227-28-6	123478-HxCDD	4.05	U	2.06	U	2.71	U	3.87	U	3.38	U	8.47	U
57653-85-7	123678-HxCDD	2.94	U	1.57	U	2.06	U	2.81	U	2.46	U	6.15	U
19408-74-3	123789-HxCDD	3.06	U	1.69	U	2.21	U	2.92	U	2.56	U	6.4	U
35822-46-9	1234678-HpCDD	2.13	U	5.1	EMPC	8.77	EMPC	2.18	U	6.65		6.1	U
3268-87-9	OCDD	39.4	EMPC	19.9	EMPC	77.9	EMPC	12.8	EMPC	30.	EMPC	17.8	EMPC
51207-31-9	2378-TCDF	2.17	U	1.2	U	1.69	U	2.44	U	1.52	U	4.81	U
57117-41-6	12378-PeCDF	1.1	U	1.33	U	1.45	U	1.33	U	0.999	U	3.24	U
57117-31-4	23478-PeCDF	1.06	U	1.28	U	1.39	U	1.29	U	0.963	U	3.12	U
70648-26-9	123478-HxCDF	1.58	U	1.26	U	1.71	U	2.77	U	1.16	U	3.81	U
57117-44-9	123678-HxCDF	1.15	U	1.08	U	1.47	U	2.02	U	0.842	U	2.77	U
72918-21-9	123789-HxCDF	1.56	U	1.36	U	1.84	U	2.74	U	1.14	U	3.75	U
60851-34-5	234678-HxCDF	1.47	U	1.25	U	1.7	U	2.58	U	1.08	U	3.54	U
67562-39-4	1234678-HpCDF	1.73	U	1.21	U	2.22	U	4.19	EMPC	42.8		5.14	U
55673-89-7	1234789-HpCDF	1.99	U	1.39	U	2.55	U	1.65	U	2.13	U	5.92	U
39001-02-0	OCDF	1.45	U	2.37	U	5.31	EMPC	5.01	EMPC	57.		5.24	U
41903-57-5	Total Tetra-Dioxins	2.25	U	1.79	U	1.66	U	1.9	U	1.24	U	5.12	U
36088-22-9	Total Penta-Dioxins	1.33	U	2.97	U	4.47	U	1.81	U	1.58	U	4.24	U
34465-46-8	Total Hexa-Dioxins	2.94	U	1.57	U	2.06	U	2.81	U	2.46	U	6.15	U
37871-00-4	Total Hepta-Dioxins	2.13	U	1.05	U	16.8		2.18	U	6.65		6.1	U
55722-27-5	Total Tetra-Furans	2.17	U	1.2	U	1.69	U	2.44	U	1.52	U	4.81	U
30602-15-4	Total Penta-Furans	1.06	U	1.28	U	1.39	U	1.29	U	0.963	U	3.12	U
55684-94-1	Total Hexa-Furans	1.15	U	1.08	U	1.47	U	2.02	U	0.842	U	2.77	U
38998-75-3	Total Hepta-Furans	1.73	U	1.21	U	2.22	U	1.43	U	42.8		5.14	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-D10X

SAMPLE ID ------->	039-G-W012-A2	039-G-W013-A2	039-G-W04D-04	039-G-W08D-04	039-G-W08D-A2	039-G-W09D-A2
ORIGINAL ID ----->	039GW012A2	039GW013A2	039GW04D04	039GW08D04	039GW08DA2	039GW09DA2
LAB SAMPLE ID --->	28809.01	28809.03	27257.02	27324.03	28773.03	28785.02
ID FROM REPORT -->	039GW012A2	039GW013A2	039GW04D04	039GW08D04	039GW08DA2	039GW09DA2
SAMPLE DATE ----->	03/12/97	03/12/97	10/09/96	10/15/96	03/10/97	03/11/97
DATE EXTRACTED -->	03/13/97	03/13/97	10/24/96	10/17/96	03/11/97	03/13/97
DATE ANALYZED --->	03/21/97	03/21/97	10/29/96	10/24/96	03/17/97	03/20/97
MATRIX ---------->	Water	Water	Water	Water	Water	Water
UNITS ---------->	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L

CAS #	Parameter	28773	VAL	28773	VAL	27226	VAL	27324	VAL	28773	VAL	28773	VAL
1746-01-6	2378-TCDD	1.72	U	1.65	U	1.26	U	1.45	U	1.47	U	1.71	U
40321-76-4	12378-PeCDD	3.34	U	2.55	U	1.23	U	2.6	U	3.75	U	2.65	U
39227-28-6	123478-HxCDD	1.63	U	2.85	U	1.57	U	4.16	U	1.89	U	2.27	U
57653-85-7	123678-HxCDD	1.24	U	2.17	U	1.14	U	3.02	U	1.44	U	1.73	U
19408-74-3	123789-HxCDD	1.33	U	2.33	U	1.19	U	3.15	U	1.55	U	1.86	U
35822-46-9	1234678-HpCDD	3.16	EMPC	5.15	EMPC	1.86	U	5.04	EMPC	3.03	EMPC	2.65	EMPC
3268-87-9	OCDD	9.74	EMPC	43.3	EMPC	36.7	EMPC	31.5	EMPC	8.98	EMPC	16.7	EMPC
51207-31-9	2378-TCDF	1.32	U	1.76	U	1.24	U	1.88	U	1.16	U	1.68	U
57117-41-6	12378-PeCDF	1.62	U	1.52	U	0.922	U	1.6	U	1.47	U	1.9	U
57117-31-4	23478-PeCDF	1.55	U	1.46	U	0.888	U	1.55	U	1.41	U	1.82	U
70648-26-9	123478-HxCDF	1.06	U	1.91	U	0.971	U	1.65	U	1.89	U	1.11	U
57117-44-9	123678-HxCDF	0.918	U	1.65	U	0.707	U	1.2	U	1.63	U	0.958	U
72918-21-9	123789-HxCDF	1.15	U	2.06	U	0.958	U	1.62	U	2.04	U	1.2	U
60851-34-5	234678-HxCDF	1.06	U	1.9	U	0.905	U	1.53	U	1.88	U	1.1	U
67562-39-4	1234678-HpCDF	0.867	U	1.42	U	1.25	U	8.88		1.32	EMPC	1.15	U
55673-89-7	1234789-HpCDF	0.993	U	1.62	U	1.44	U	1.92	U	1.08	U	1.32	U
39001-02-0	OCDF	2.94	U	1.63	U	1.45	EMPC	8.68	EMPC	1.22	U	1.97	U
41903-57-5	Total Tetra-Dioxins	1.72	U	1.65	U	1.26	U	1.45	U	1.47	U	1.71	U
36088-22-9	Total Penta-Dioxins	3.34	U	2.55	U	1.23	U	2.6	U	3.75	U	2.65	U
34465-46-8	Total Hexa-Dioxins	1.24	U	2.17	U	1.14	U	3.02	U	1.44	U	1.73	U
37871-00-4	Total Hepta-Dioxins	1.43	U	2.61	EMPC	1.86	U	1.97	U	1.08	U	1.37	U
55722-27-5	Total Tetra-Furans	1.32	U	1.76	U	1.24	U	1.88	U	1.16	U	1.68	U
30602-15-4	Total Penta-Furans	1.55	U	1.46	U	0.888	U	1.55	U	1.41	U	1.82	U
55684-94-1	Total Hexa-Furans	0.918	U	1.65	U	0.707	U	1.2	U	1.63	U	0.958	U
38998-75-3	Total Hepta-Furans	0.867	U	1.42	U	1.25	U	8.88		0.939	U	1.15	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-DIOX

SAMPLE ID ------->	039-G-W09I-A2	039-G-W10D-A2	039-G-W10I-A2	039-G-W12D-04	039-G-W12D-A2	039-G-W12I-04
ORIGINAL ID ----->	039GW09IA2	039GW10DA2	039GW10IA2	039GW12D04	039GW12DA2	039GW12I04
LAB SAMPLE ID --->	28773.01	28785.05	28785.04	27335.07	28809.02	27335.06
ID FROM REPORT -->	039GW09IA2	039GW10DA2	039GW10IA2	039GW12D04	039GW12DA2	039GW12I04
SAMPLE DATE ----->	03/10/97	03/11/97	03/11/97	10/16/96	03/12/97	10/16/96
DATE EXTRACTED -->	03/11/97	03/13/97	03/13/97	10/17/96	03/13/97	10/17/96
DATE ANALYZED --->	03/17/97	03/20/97	03/20/97	10/23/96	03/21/97	10/23/96
MATRIX ---------->	Water	Water	Water	Water	Water	Water
UNITS ---------->	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L

CAS #	Parameter	28773	VAL	28773	VAL	28773	VAL	27324	VAL	28773	VAL	27324	VAL
1746-01-6	2378-TCDD	0.985	U	1.56	U	1.56	U	4.99	U	1.76	U	6.57	U
40321-76-4	12378-PeCDD	3.04	U	4.59	U	4.18	U	4.12	U	3.1	U	4.82	U
39227-28-6	123478-HxCDD	1.98	U	1.94	U	2.62	U	6.82	U	2.24	U	8.6	U
57653-85-7	123678-HxCDD	1.51	U	1.47	U	1.99	U	4.95	U	1.71	U	6.24	U
19408-74-3	123789-HxCDD	1.62	U	1.58	U	2.14	U	5.17	U	1.83	U	6.5	U
35822-46-9	1234678-HpCDD	2.91	EMPC	3.09	EMPC	4.31	EMPC	17.5		1.64	U	7.37	U
3268-87-9	OCDD	7.	EMPC	11.4	EMPC	12.9	EMPC	119.		5.74	EMPC	7.24	EMPC
51207-31-9	2378-TCDF	1.	U	1.04	U	1.37	U	5.06	U	1.75	U	7.36	U
57117-41-6	12378-PeCDF	1.3	U	1.11	U	1.2	U	3.36	U	1.23	U	4.17	U
57117-31-4	23478-PeCDF	1.25	U	1.07	U	1.15	U	3.24	U	1.18	U	4.02	U
70648-26-9	123478-HxCDF	0.753	U	1.08	U	1.39	U	3.58	U	1.11	U	5.21	U
57117-44-9	123678-HxCDF	0.649	U	0.93	U	1.2	U	2.6	U	0.958	U	3.79	U
72918-21-9	123789-HxCDF	0.813	U	1.17	U	1.5	U	3.53	U	1.2	U	5.14	U
60851-34-5	234678-HxCDF	0.748	U	1.07	U	1.38	U	3.33	U	1.1	U	4.86	U
67562-39-4	1234678-HpCDF	1.36	U	2.44	EMPC	1.54	U	4.18	U	1.59	U	4.12	U
55673-89-7	1234789-HpCDF	1.56	U	1.63	U	1.76	U	4.82	U	1.82	U	4.75	U
39001-02-0	OCDF	1.28	U	2.27	U	3.08	U	12.1	U	2.4	U	5.33	U
41903-57-5	Total Tetra-Dioxins	0.985	U	1.56	U	3.97		4.99	U	1.76	U	6.57	U
36088-22-9	Total Penta-Dioxins	3.04	U	4.59	U	4.18	U	4.12	U	3.1	U	4.82	U
34465-46-8	Total Hexa-Dioxins	1.51	U	1.47	U	1.99	U	4.95	U	1.71	U	6.24	U
37871-00-4	Total Hepta-Dioxins	1.19	U	0.702	U	4.31	EMPC	17.5		1.64	U	7.37	U
55722-27-5	Total Tetra-Furans	1.	U	1.04	U	1.37	U	5.06	U	1.75	U	7.36	U
30602-15-4	Total Penta-Furans	1.25	U	1.07	U	1.15	U	3.24	U	1.18	U	4.02	U
55684-94-1	Total Hexa-Furans	0.649	U	0.93	U	1.2	U	2.6	U	0.958	U	3.79	U
38998-75-3	Total Hepta-Furans	1.36	U	2.44		1.54	U	4.18	U	1.59	U	4.12	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-DIOX										
	SAMPLE ID ------->	039-G-W12I-A2		039-G-W13D-A2		039-G-W13I-A2				
	ORIGINAL ID ----->	039GW12IA2		039GW13DA2		039GW13IA2				
	LAB SAMPLE ID --->	28785.01		28809.05		28809.04				
	ID FROM REPORT -->	039GW12IA2		039GW13DA2		039GW13IA2				
	SAMPLE DATE ----->	03/11/97		03/12/97		03/12/97				
	DATE EXTRACTED -->	03/13/97		03/13/97		03/25/97				
	DATE ANALYZED --->	03/20/97		03/21/97		04/01/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	PG/L		PG/L		PG/L				
CAS #	Parameter	28773	VAL	28773	VAL	28773	VAL			
1746-01-6	2378-TCDD	1.05	U	1.85	U	1.84	U			
40321-76-4	12378-PeCDD	2.62	U	2.65	U	2.14	U			
39227-28-6	123478-HxCDD	2.48	U	1.33	U	1.02	U			
57653-85-7	123678-HxCDD	1.89	U	1.01	U	0.778	U			
19408-74-3	123789-HxCDD	2.03	U	1.08	U	0.836	U			
35822-46-9	1234678-HpCDD	3.45	EMPC	4.89	EMPC	2.61	EMPC			
3268-87-9	OCDD	8.97	EMPC	44.5	EMPC	8.48	EMPC			
51207-31-9	2378-TCDF	0.828	U	4.28	U	7.04	U			
57117-41-6	12378-PeCDF	1.15	U	1.89	U	1.85	U			
57117-31-4	23478-PeCDF	1.1	U	1.81	U	1.77	U			
70648-26-9	123478-HxCDF	1.16	U	0.988	U	1.21	U			
57117-44-9	123678-HxCDF	0.999	U	0.851	U	1.04	U			
72918-21-9	123789-HxCDF	1.25	U	1.07	U	1.3	U			
60851-34-5	234678-HxCDF	1.15	U	0.98	U	1.2	U			
67562-39-4	1234678-HpCDF	1.91	U	0.895	U	2.1	EMPC			
55673-89-7	1234789-HpCDF	2.19	U	1.03	U	1.57	U			
39001-02-0	OCDF	1.73	U	3.63	EMPC	1.02	U			
41903-57-5	Total Tetra-Dioxins	1.05	U	1.85	U	1.84	U			
36088-22-9	Total Penta-Dioxins	2.62	U	2.65	U	2.14	U			
34465-46-8	Total Hexa-Dioxins	1.89	U	1.01	U	0.778	U			
37871-00-4	Total Hepta-Dioxins	1.36	U	1.28	U	1.26	U			
55722-27-5	Total Tetra-Furans	0.828	U	4.28	U	7.04	U			
30602-15-4	Total Penta-Furans	1.1	U	1.81	U	1.77	U			
55684-94-1	Total Hexa-Furans	0.999	U	0.851	U	1.04	U			
38998-75-3	Total Hepta-Furans	1.91	U	0.895	U	2.1				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W002-02		039-G-W002-03		039-G-W003-02		039-H-W003-02	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	LAB SAMPLE ID --->	L6891-8		L7287-31		L6891-9		L7287-32		L6904-36		L6904-37	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	SAMPLE DATE ----->	04/23/96		06/20/96		04/23/96		06/20/96		04/24/96		04/24/96	
	DATE EXTRACTED -->	05/03/96		07/08/96		05/03/96		07/08/96		05/07/96		05/07/96	
	DATE ANALYZED --->	05/07/96		07/10/96		05/07/96		07/10/96		05/09/96		05/09/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891W	VAL	L7287M	VAL	L6891W	VAL	L7287M	VAL	L6904W	VAL	L6904W	VAL
7429-90-5	Aluminum (Al)	387.	UJ	117.	U	1280.		6610.		1890.	J	1990.	J
7440-36-0	Antimony (Sb)	8.	U	9.	U	4.	U	9.	U	4.	U	4.	U
7440-38-2	Arsenic (As)	34.6		39.1		40.7		48.1		2.	UJ	3.	UJ
7440-39-3	Barium (Ba)	29.3	U	27.6	J	32.4	U	36.5	J	29.	U	31.	U
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	5.	U	3.	U	5.	U	5.	U
7440-70-2	Calcium (Ca)	61500.		55500.		59900.		52700.		56300.		59000.	
7440-47-3	Chromium (Cr)	6.	U	6.	U	6.	U	6.	U	6.	U	6.9	J
7440-48-4	Cobalt (Co)	7.	U	4.	U	7.	U	9.5	J	7.	U	7.	U
7440-50-8	Copper (Cu)	7.	U	6.	U	7.	U	6.	U	7.1	J	8.3	J
7439-89-6	Iron (Fe)	31900.		28300.		8700.		7250.		3260.		3540.	
7439-92-1	Lead (Pb)	2.	U	2.	U	2.	U	4.2		2.	U	2.	U
7439-95-4	Magnesium (Mg)	7410.		6710.		2950.		2510.	J	3730.	J	3920.	J
7439-96-5	Manganese (Mn)	932.		794.		1120.		1070.		57.3		60.	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	13.	U	12.	U	13.	U	13.	U
7440-09-7	Potassium (K)	2170.	J	3170.	J	1220.	UJ	3170.	J	1490.	J	1680.	J
7782-49-2	Selenium (Se)	3.	UJ	3.	U	3.	UJ	3.	U	3.	UJ	3.	UJ
7440-22-4	Silver (Ag)	7.	U	6.	U	7.	U	6.	U	7.	U	7.	U
7440-23-5	Sodium (Na)	18600.	U	17700.		14900.	U	14600.		21900.	U	22800.	U
7440-28-0	Thallium (Tl)	3.	UJ	3.	U	3.	UJ	3.	U	3.	U	3.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	7.	U	6.	U	7.	U	7.	J
7440-66-6	Zinc (Zn)	4.7	U	12.8	U	8.1	U	6.5	U	19.4	U	20.3	U
7440-31-5	Tin (Sn)	33.	U	15.	UJ	33.	U	15.	UJ	33.	U	33.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

		SAMPLE ID ------->	039-G-W003-03		039-H-W003-03		039-G-W004-02		039-G-W004-03		039-G-W005-02		039-G-W005-03	
		ORIGINAL ID ----->	039GW00303		039HW00303		039GW00402		039GW00403		039GW00502		039GW00503	
		LAB SAMPLE ID --->	L7287-33		L7288-10		L6904-39		L7294-42		L6904-38		L7294-44	
		ID FROM REPORT -->	039GW00303		039HW00303		039GW00402		039GW00403		039GW00502		039GW00503	
		SAMPLE DATE ----->	06/20/96		06/20/96		04/24/96		06/21/96		04/24/96		06/21/96	
		DATE EXTRACTED -->	07/08/96		07/08/96		05/07/96		07/09/96		05/07/96		07/09/96	
		DATE ANALYZED --->	07/10/96		07/10/96		05/09/96		07/11/96		05/09/96		07/11/96	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter		L7287M	VAL	L7288M	VAL	L6904W	VAL	L7294M	VAL	L6904W	VAL	L7294M	VAL
7429-90-5	Aluminum (Al)		214.	U	220.	U	170.	U	48.	U	760.	J	287.	
7440-36-0	Antimony (Sb)		9.	U	9.	U	4.6	U	9.	U	4.2	U	9.	U
7440-38-2	Arsenic (As)		3.3	J	3.2	J	51.4	J	46.3		66.8		74.9	
7440-39-3	Barium (Ba)		22.8	J	23.6	J	58.6	U	57.5	J	45.8	U	43.9	J
7440-41-7	Beryllium (Be)		1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)		3.	U	3.	U	5.	U	3.	U	5.	U	3.	U
7440-70-2	Calcium (Ca)		50100.		50900.		54700.		52500.		69100.		62500.	
7440-47-3	Chromium (Cr)		6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
7440-48-4	Cobalt (Co)		4.	U	4.3	J	7.	U	4.	U	7.	U	4.	U
7440-50-8	Copper (Cu)		6.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7439-89-6	Iron (Fe)		640.		672.		16600.		13500.		57200.		50500.	
7439-92-1	Lead (Pb)		2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
7439-95-4	Magnesium (Mg)		3990.	J	4110.	J	3520.	J	3270.	J	4440.	J	3750.	J
7439-96-5	Manganese (Mn)		63.5		65.8		1880.		1910.		2040.		1890.	
7439-97-6	Mercury (Hg)		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)		12.	U	12.	U	13.	U	12.	U	13.	U	12.	U
7440-09-7	Potassium (K)		2460.	J	2390.	J	1220.	U	1420.	UJ	1620.	J	1420.	UJ
7782-49-2	Selenium (Se)		3.	U	3.	U	3.	UJ	3.	U	3.	UJ	3.	U
7440-22-4	Silver (Ag)		6.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-23-5	Sodium (Na)		19900.		20500.		18000.	U	13800.		17400.	U	14200.	
7440-28-0	Thallium (Tl)		3.	U	3.	UJ	3.	U	3.	U	3.	U	3.	U
7440-62-2	Vanadium (V)		6.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-66-6	Zinc (Zn)		4.9	U	5.6	U	14.1	U	4.9	U	16.4	U	3.6	U
7440-31-5	Tin (Sn)		15.	UJ	15.	UJ	33.	U	15.	U	33.	U	15.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META													
	SAMPLE ID ------->	039-G-W006-04		039-G-W006-06		039-G-W007-04		039-G-W007-06		039-G-W008-04		039-G-W008-06	
	ORIGINAL ID ----->	039GW00604		039GW00606		039GW00704		039GW00706		039GW00804		039GW00806	
	LAB SAMPLE ID --->	6434-06		31345.02		6437-01		31345.13		6437-02		31345.03	
	ID FROM REPORT -->	039GW00604		039GW00606		039GW00704		039GW00706		039GW00804		039GW00806	
	SAMPLE DATE ----->	10/10/96		10/04/97		10/11/96		10/05/97		10/11/96		10/04/97	
	DATE EXTRACTED -->	10/25/96		10/17/97		10/25/96		10/17/97		10/25/96		10/17/97	
	DATE ANALYZED --->	10/30/96		10/23/97		10/30/96		10/23/97		10/30/96		10/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	31345	VAL	6434	VAL	31345	VAL	6434	VAL	31345	VAL
7429-90-5	Aluminum (Al)	1340.		34.	U	18.1	UJ	72.2	J	227.	UJ	2430.	
7440-36-0	Antimony (Sb)	2.	UR	1.6	U	2.	UR	1.6	U	2.	UR	1.6	U
7440-38-2	Arsenic (As)	2.1	UR	5.6	J	3.3	J	9.6	J	9.3	J	17.3	J
7440-39-3	Barium (Ba)	70.5	J	83.9		65.5	J	62.1		45.	J	51.6	
7440-41-7	Beryllium (Be)	0.11	UJ	0.2	U	0.11	UJ	0.2	U	0.11	UJ	0.2	U
7440-43-9	Cadmium (Cd)	0.22	U	0.97	J	0.22	U	0.59	J	0.26	U	1.	J
7440-70-2	Calcium (Ca)	35300.		40000.		107000.		103000.		120000.		109000.	
7440-47-3	Chromium (Cr)	2.2	J	1.	U	0.78	UJ	1.	U	2.1	J	2.9	J
7440-48-4	Cobalt (Co)	0.67	UJ	0.8	U	0.67	UJ	0.8	U	0.67	UJ	1.2	J
7440-50-8	Copper (Cu)	10.2	UR	1.4	U	2.	UR	1.4	U	13.8	UR	6.7	U
7439-89-6	Iron (Fe)	9870.	J	20500.		5090.	J	12200.		8720.	J	22200.	
7439-92-1	Lead (Pb)	2.9	J	0.9	U	1.4	UR	0.9	U	1.4	UR	2.1	U
7439-95-4	Magnesium (Mg)	21700.		29100.		25800.		21400.		53200.		51700.	
7439-96-5	Manganese (Mn)	47.3	J	62.8		41.5	J	58.4		257.	J	156.	
7439-97-6	Mercury (Hg)	0.11	UJ	1.		0.11	UJ	0.3		0.19	UJ	0.24	
7440-02-0	Nickel (Ni)	0.67	UJ	0.83	J	0.67	UJ	0.87	J	0.67	UJ	3.4	J
7440-09-7	Potassium (K)	42000.	J	30600.		24600.	J	12200.		53400.	J	29700.	
7782-49-2	Selenium (Se)	2.6	U	3.4	U	2.1	U	3.4	U	2.4	U	3.4	U
7440-22-4	Silver (Ag)	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ	1.	U
7440-23-5	Sodium (Na)	255000.		347000.		136000.		54800.		233000.		96300.	
7440-28-0	Thallium (Tl)	3.1	UR	5.	U	3.1	UR	5.	U	3.1	UR	5.	U
7440-62-2	Vanadium (V)	2.9	J	1.1	U	0.44	U	1.1	U	2.5	J	3.8	J
7440-66-6	Zinc (Zn)	48.9	UR	5.8	U	28.9	UR	6.9	U	36.	UR	16.4	U
7440-31-5	Tin (Sn)	54.8	UJ	14.	U	54.8	UJ	14.	U	54.8	UJ	14.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

	SAMPLE ID ------->	039-G-W008-A2		039-G-W009-04		039-G-W009-06		039-G-W009-A2		039-G-W010-04		039-G-W010-06	
	ORIGINAL ID ----->	039GW008A2		039GW00904		039GW00906		039GW009A2		039GW01004		039GW01006	
	LAB SAMPLE ID --->	28773.04		6437-03		31345.05		28773.02		6437-04		31345.08	
	ID FROM REPORT -->	039GW008A2		039GW00904		039GW00906		039GW009A2		039GW01004		039GW01006	
	SAMPLE DATE ----->	03/10/97		10/11/96		10/04/97		03/10/97		10/11/96		10/04/97	
	DATE EXTRACTED -->	03/17/97		10/25/96		10/17/97		03/17/97		10/25/96		10/17/97	
	DATE ANALYZED --->	03/19/97		10/30/96		10/23/97		03/19/97		10/30/96		10/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	6434	VAL	31345	VAL	28773	VAL	6434	VAL	31345	VAL
7429-90-5	Aluminum (Al)	28.6	J	9.9	UJ	8.	U	28.	J	293.	UJ	381.	J
7440-36-0	Antimony (Sb)	1.6	UJ	2.	UR	1.6	U	2.4	J	2.	UR	1.6	U
7440-38-2	Arsenic (As)	3.8	U	25.1	J	35.5	J	17.8		2.1	UR	5.7	J
7440-39-3	Barium (Ba)	50.8		27.	J	22.7		35.6		31.5	J	42.4	
7440-41-7	Beryllium (Be)	0.2	U	0.11	UJ	0.2	U	0.2	U	0.11	UJ	0.2	U
7440-43-9	Cadmium (Cd)	0.3	U	0.22	U	0.61	J	0.3	U	0.22	U	0.41	J
7440-70-2	Calcium (Ca)	255000.		45900.		39900.		48600.		19200.		22800.	
7440-47-3	Chromium (Cr)	1.7	U	0.78	UJ	1.	U	1.	U	0.78	UJ	1.	U
7440-48-4	Cobalt (Co)	0.8	U	0.67	UJ	6.	J	3.1	J	0.67	UJ	0.8	U
7440-50-8	Copper (Cu)	1.4	U	1.3	UR	1.4	U	1.4	U	9.	UR	1.7	U
7439-89-6	Iron (Fe)	11400.		9840.	J	12200.		7780.		6780.	J	3430.	
7439-92-1	Lead (Pb)	0.9	U	1.4	UR	0.9	U	0.9	U	1.4	UR	3.8	U
7439-95-4	Magnesium (Mg)	77100.		8070.		6800.		7460.		6130.		7170.	
7439-96-5	Manganese (Mn)	532.		981.	J	958.		769.		21.3	J	6.	J
7439-97-6	Mercury (Hg)	0.1	U	0.11	UJ	0.18	J	0.1	U	0.1	UJ	0.1	U
7440-02-0	Nickel (Ni)	0.91	U	0.67	UJ	0.7	U	0.7	U	0.67	UJ	0.7	U
7440-09-7	Potassium (K)	27800.		1180.	J	744.	U	1140.	J	985.	J	943.	J
7782-49-2	Selenium (Se)	3.4	U	2.1	U	3.4	U	3.4	U	3.5	U	3.4	U
7440-22-4	Silver (Ag)	1.	U	1.	UJ	1.	U	1.	U	1.	UJ	1.	U
7440-23-5	Sodium (Na)	135000.		12600.	U	10600.		11100.		6340.	U	2990.	
7440-28-0	Thallium (Tl)	5.	U	3.1	UR	5.	U	5.	U	3.1	UR	5.	U
7440-62-2	Vanadium (V)	2.5	J	0.44	U	1.1	U	1.2	J	0.51	J	1.1	U
7440-66-6	Zinc (Zn)	5.8	U	32.	UR	5.8	U	5.8	U	34.1	UR	6.2	U
7440-31-5	Tin (Sn)	14.	U	54.8	UJ	14.	U	14.	U	54.8	UJ	14.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	039-H-W010-06		039-G-W010-A2		039-H-W010-A2		039-G-W011-04		039-G-W011-06		039-G-W012-04	
	ORIGINAL ID ----->	039HW01006		039GW010A2		039HW010A2		039GW01104		039GW01106		039GW01204	
	LAB SAMPLE ID --->	31345.09		28785.03		28786.01		6450-04		31345.14		6458-03	
	ID FROM REPORT -->	039HW01006		039GW010A2		039HW010A2		039GW01104		039GW01106		039GW01204	
	SAMPLE DATE ----->	10/04/97		03/11/97		03/11/97		10/15/96		10/05/97		10/16/96	
	DATE EXTRACTED -->	10/17/97		03/17/97		03/17/97		10/25/96		10/17/97		10/25/96	
	DATE ANALYZED --->	10/23/97		03/19/97		03/19/97		10/30/96		10/23/97		10/30/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	28773	VAL	28773	VAL	6434	VAL	31345	VAL	6434	VAL
7429-90-5	Aluminum (Al)	89.6	J	778.		778.		9.9	UJ	239.		103.	UJ
7440-36-0	Antimony (Sb)	1.6	U	1.6	UJ	1.6	UJ	2.	UR	1.6	U	2.	UR
7440-38-2	Arsenic (As)	4.3	J	63.7		62.9		2.8	J	5.2	J	107.	J
7440-39-3	Barium (Ba)	43.		24.1		24.9		8.8	J	6.6	J	67.5	J
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	0.2	U	0.11	UJ	0.2	U	0.11	UJ
7440-43-9	Cadmium (Cd)	0.3	U	0.3	U	0.3	U	0.22	U	1.2	J	0.22	U
7440-70-2	Calcium (Ca)	23300.		19300.		20200.		11500.		9930.		56500.	
7440-47-3	Chromium (Cr)	1.	U	2.4	U	2.3	U	0.78	UJ	2.2	J	1.8	J
7440-48-4	Cobalt (Co)	0.8	U	0.8	U	0.96	J	0.67	UJ	0.8	U	50.9	J
7440-50-8	Copper (Cu)	1.4	U	2.6	J	1.7	J	0.89	UR	1.4	U	8.6	UR
7439-89-6	Iron (Fe)	1340.		36300.		37100.		28500.	J	27300.		20800.	J
7439-92-1	Lead (Pb)	0.9	U	0.9	U	0.9	U	1.4	UR	0.91	U	1.4	UR
7439-95-4	Magnesium (Mg)	7300.		8290.		8640.		2910.	J	2700.		4320.	J
7439-96-5	Manganese (Mn)	5.2	J	95.5		98.9		37.7	J	24.6		2230.	J
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.1	U	0.1	UJ	0.21		0.1	UJ
7440-02-0	Nickel (Ni)	0.7	U	0.7	U	0.7	U	0.67	UJ	0.7	U	0.67	UJ
7440-09-7	Potassium (K)	893.	J	681.	J	711.	J	1990.	J	1210.	J	1930.	J
7782-49-2	Selenium (Se)	3.4	U	5.2	U	3.4	U	3.1	U	3.4	U	2.1	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.7	U	1.	UJ	1.	U	1.5	J
7440-23-5	Sodium (Na)	2950.		5670.		5840.		11100.	U	7570.		13600.	U
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	3.1	UR	5.	U	3.1	UR
7440-62-2	Vanadium (V)	1.1	U	2.2	J	2.2	J	0.62	J	1.5	J	0.62	J
7440-66-6	Zinc (Zn)	5.8	U	7.9	J	7.5	J	27.5	UR	10.5	U	38.1	UR
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	54.8	UJ	14.	U	54.8	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

	SAMPLE ID ------->	039-G-W012-06		039-G-W012-A2		039-G-W013-01		039-G-W013-06		039-G-W013-A2		039-G-W014-01	
	ORIGINAL ID ----->	039GW01206		039GW012A2		039GW01301		039GW01306		039GW013A2		039GW01401	
	LAB SAMPLE ID --->	31302.07		28809.01		28435.01		31345.15		28809.03		28417.01	
	ID FROM REPORT -->	039GW01206		039GW012A2		039GW01301		039GW01306		039GW013A2		039GW01401	
	SAMPLE DATE ----->	10/03/97		03/12/97		02/07/97		10/05/97		03/12/97		02/06/97	
	DATE EXTRACTED -->	10/09/97		03/17/97		02/20/97		10/17/97		03/17/97		02/20/97	
	DATE ANALYZED --->	10/16/97		03/19/97		02/21/97		10/23/97		03/19/97		02/21/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302	VAL	28773	VAL	28417	VAL	31345	VAL	28773	VAL	28417	VAL
7429-90-5	Aluminum (Al)	158.		17.	J	11100.		4370.		421.		408.	
7440-36-0	Antimony (Sb)	1.6	U	1.6	UJ	2.1	U	1.6	U	1.6	UJ	2.1	U
7440-38-2	Arsenic (As)	109.		95.9		14.4		5.	J	2.1	U	23.	
7440-39-3	Barium (Ba)	70.8		63.1		51.3		25.8		10.9		42.3	
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	1.2	U	0.4	J	0.2	U	0.3	U
7440-43-9	Cadmium (Cd)	0.97	U	0.3	U	0.53	J	1.1	J	1.	J	0.5	U
7440-70-2	Calcium (Ca)	52300.		55900.		19100.		13000.		13700.		51500.	
7440-47-3	Chromium (Cr)	1.	U	1.	U	21.5		8.9	J	2.2	U	0.8	U
7440-48-4	Cobalt (Co)	71.2		48.2		7.4	J	10.8	J	1.1	J	0.9	U
7440-50-8	Copper (Cu)	1.4	U	1.4	U	11.9	J	10.9	J	2.	J	3.	U
7439-89-6	Iron (Fe)	22400.		20000.		18300.		6800.		550.		32900.	
7439-92-1	Lead (Pb)	0.9	U	0.9	U	16.5		8.1	U	0.9	U	3.	J
7439-95-4	Magnesium (Mg)	4620.		4170.		5430.		3230.		3620.		2940.	
7439-96-5	Manganese (Mn)	2080.		2680.		135.		157.		16.1		67.7	
7439-97-6	Mercury (Hg)	0.12	J	0.1	U	0.1	U	0.17	J	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	3.5	J	2.1	U	10.3	J	5.9	J	4.2	U	0.8	U
7440-09-7	Potassium (K)	1490.	J	1190.	J	2560.	J	1630.	J	1560.	J	1680.	J
7782-49-2	Selenium (Se)	3.4	U	3.4	U	2.8	U	3.4	U	4.9	U	2.8	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.2	U	1.	U	1.4	U	1.2	U
7440-23-5	Sodium (Na)	15100.	U	14200.		13100.		9020.		10600.		13200.	
7440-28-0	Thallium (Tl)	4.6	U	5.	U	4.6	U	5.	U	5.	U	7.4	U
7440-62-2	Vanadium (V)	1.1	U	1.1	U	32.6		12.1	J	1.1	U	1.3	J
7440-66-6	Zinc (Zn)	14.9	U	5.8	U	104.		90.8		85.		38.9	U
7440-31-5	Tin (Sn)	4.5	U	14.	U	2.6	U	14.	U	14.	U	2.6	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

	SAMPLE ID ------->	039-G-W014-06		039-G-W014-A2		039-G-W015-01		039-G-W015-06		039-H-W015-06		039-G-W015-A2	
	ORIGINAL ID ----->	039GW01406		039GW014A2		039GW01501		039GW01506		039HW01506		039GW015A2	
	LAB SAMPLE ID --->	31345.18		7438-03		28417.03		31345.20		31345.21		7438-01	
	ID FROM REPORT -->	039GW01406		039GW014A2		039GW01501		039GW01506		039HW01506		039GW015A2	
	SAMPLE DATE ----->	10/05/97		03/20/97		02/06/97		10/05/97		10/05/97		03/20/97	
	DATE EXTRACTED -->	10/17/97		03/26/97		02/20/97		10/17/97		10/17/97		03/26/97	
	DATE ANALYZED --->	10/23/97		03/27/97		02/21/97		10/23/97		10/23/97		03/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	7438	VAL	28417	VAL	31345	VAL	31345	VAL	7438	VAL
7429-90-5	Aluminum (Al)	394.		150.	U	104.	J	51.	U	84.	J	201.	J
7440-36-0	Antimony (Sb)	1.6	U	2.	U	2.1	U	1.6	U	1.6	U	7.8	U
7440-38-2	Arsenic (As)	33.1	J	23.8		5.1	J	4.3	J	6.6	J	8.3	U
7440-39-3	Barium (Ba)	47.9		46.3		731.		788.		795.		820.	J
7440-41-7	Beryllium (Be)	0.2	U	0.22	U	0.32	U	0.2	J	0.23	J	1.1	U
7440-43-9	Cadmium (Cd)	1.6	J	1.	U	0.5	U	0.3	U	0.3	U	5.	U
7440-70-2	Calcium (Ca)	50700.		48900.		96200.		90700.		91300.		99100.	
7440-47-3	Chromium (Cr)	1.	U	6.3	UJ	2.4	J	1.7	J	1.6	J	33.1	J
7440-48-4	Cobalt (Co)	0.8	U	1.3	U	0.9	U	0.8	U	0.8	U	6.7	U
7440-50-8	Copper (Cu)	1.4	U	6.5	J	2.9	U	1.4	U	1.5	U	7.9	J
7439-89-6	Iron (Fe)	33100.		33300.		8930.		3700.		3760.		8010.	
7439-92-1	Lead (Pb)	0.9	U	0.89	U	1.7	U	0.9	U	1.9	U	5.8	U
7439-95-4	Magnesium (Mg)	3020.		2800.	J	275000.		271000.		272000.		320000.	
7439-96-5	Manganese (Mn)	84.7		66.		129.		129.		130.		131.	
7439-97-6	Mercury (Hg)	0.16	J	0.08	U	0.1	U	0.22		0.15	J	0.08	U
7440-02-0	Nickel (Ni)	0.7	U	1.2	U	1.1	J	0.93	J	0.7	J	6.1	U
7440-09-7	Potassium (K)	1170.	J	1390.	J	100000.		104000.		108000.		188000.	J
7782-49-2	Selenium (Se)	3.4	U	2.9		2.8	U	3.4	U	3.4	U	10.6	U
7440-22-4	Silver (Ag)	1.	U	1.3	U	1.2	U	1.	U	1.	U	9.8	J
7440-23-5	Sodium (Na)	11700.		13900.		2830000.		2420000.		2400000.		2590000.	
7440-28-0	Thallium (Tl)	5.	U	6.	U	3.7	U	5.	U	5.	U	30.	U
7440-62-2	Vanadium (V)	1.1	U	0.78	U	0.54	J	1.1	U	1.1	U	3.9	U
7440-66-6	Zinc (Zn)	9.3	U	15.8	UJ	14.9	U	6.8	U	9.3	U	23.2	UJ
7440-31-5	Tin (Sn)	14.	U	53.7	U	2.6	U	14.	U	14.	U	60.1	J

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-G-W04D-02		039-G-W04D-03		039-G-W04I-06		039-G-W08D-04		039-G-W08D-06		039-G-W08D-A2	
	ORIGINAL ID ----->	039GW04D02		039GW04D03		039GW04I06		039GW08D04		039GW08D06		039GW08DA2	
	LAB SAMPLE ID --->	L6916-15		L7294-43		31345.01		6450-03		31345.04		28773.03	
	ID FROM REPORT -->	039GW04D02		039GW04D03		039GW04I06		039GW08D04		039GW08D06		039GW08DA2	
	SAMPLE DATE ----->	04/25/96		06/21/96		10/04/97		10/15/96		10/04/97		03/10/97	
	DATE EXTRACTED -->	05/07/96		07/09/96		10/17/97		10/25/96		10/17/97		03/17/97	
	DATE ANALYZED --->	05/09/96		07/11/96		10/23/97		10/30/96		10/23/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6916W	VAL	L7294M	VAL	31345	VAL	6434	VAL	31345	VAL	28773	VAL
7429-90-5	Aluminum (Al)	62.4	U	48.	U	8.	U	1060.	UJ	187.		138.	
7440-36-0	Antimony (Sb)	4.4	U	9.	U	1.6	U	2.	UR	1.6	U	1.6	UJ
7440-38-2	Arsenic (As)	2.4	UJ	3.	U	40.	J	14.3	J	13.1	J	17.2	
7440-39-3	Barium (Ba)	7.5	U	8.	U	33.6		36.	J	16.8		20.6	
7440-41-7	Beryllium (Be)	1.	U	1.	U	0.2	U	0.11	UJ	0.26	J	0.23	J
7440-43-9	Cadmium (Cd)	5.	U	3.	U	0.3	U	0.22	U	0.63	J	0.3	U
7440-70-2	Calcium (Ca)	54800.		50700.		67600.		39700.		23900.		27300.	
7440-47-3	Chromium (Cr)	6.	U	6.	U	1.	U	5.4	J	1.1	J	1.8	U
7440-48-4	Cobalt (Co)	7.	U	4.	U	0.8	U	69.3		88.5		83.8	
7440-50-8	Copper (Cu)	7.	U	6.	U	2.	U	6.8	UR	1.4	U	1.4	U
7439-89-6	Iron (Fe)	264.		219.		785.		18600.	J	13400.		15500.	
7439-92-1	Lead (Pb)	2.	U	2.	U	0.9	U	1.4	UR	0.9	U	0.9	U
7439-95-4	Magnesium (Mg)	4060.	J	3790.	J	2670.		34100.		22000.		25400.	
7439-96-5	Manganese (Mn)	106.		96.9		41.9		2180.	J	2020.		2200.	
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.17	J	0.11	UJ	0.88		0.1	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	1.1	J	5.6	J	11.5	J	11.	J
7440-09-7	Potassium (K)	1220.	U	1420.	UJ	1670.	J	9930.	J	2730.	J	3420.	J
7782-49-2	Selenium (Se)	3.	UJ	3.	U	3.4	U	2.1	U	3.4	U	3.5	U
7440-22-4	Silver (Ag)	7.	U	6.	U	1.	U	1.	UJ	1.	U	1.2	U
7440-23-5	Sodium (Na)	12600.	U	9510.		16400.		82800.		12700.		22100.	
7440-28-0	Thallium (Tl)	3.	U	3.	U	5.	U	3.1	UR	5.	U	5.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	1.1	U	2.9	J	1.1	U	1.1	U
7440-66-6	Zinc (Zn)	11.2	U	3.	U	94.4		318.	UR	322.		299.	
7440-31-5	Tin (Sn)	33.	U	16.9	U	14.	U	54.8	UJ	14.	U	14.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	039-G-W09D-06		039-G-W09D-A2		039-G-W09I-06		039-G-W09I-A2		039-G-W10D-06		039-G-W10D-A2	
	ORIGINAL ID ----->	039GW09D06		039GW09DA2		039GW09I06		039GW09IA2		039GW10D06		039GW10DA2	
	LAB SAMPLE ID --->	31345.07		28785.02		31345.06		28773.01		31345.11		28785.05	
	ID FROM REPORT -->	039GW09D06		039GW09DA2		039GW09I06		039GW09IA2		039GW10D06		039GW10DA2	
	SAMPLE DATE ----->	10/04/97		03/11/97		10/04/97		03/10/97		10/04/97		03/11/97	
	DATE EXTRACTED -->	10/17/97		03/17/97		10/17/97		03/17/97		10/17/97		03/17/97	
	DATE ANALYZED --->	10/23/97		03/19/97		10/23/97		03/19/97		10/23/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	28773	VAL	31345	VAL	28773	VAL	31345	VAL	28773	VAL
7429-90-5	Aluminum (Al)	16.	U	18.	J	16.1	U	8.	U	11.4	U	16.	J
7440-36-0	Antimony (Sb)	1.6	U	1.6	UJ	1.6	U	1.6	UJ	1.6	U	1.6	UJ
7440-38-2	Arsenic (As)	2.1	U	2.1	U	3.6	J	3.9	U	2.1	U	2.1	U
7440-39-3	Barium (Ba)	4.5	J	4.9	J	6.	J	5.6	J	11.1		12.3	
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-43-9	Cadmium (Cd)	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-70-2	Calcium (Ca)	47100.		42400.		65800.		65100.		60200.		60300.	
7440-47-3	Chromium (Cr)	1.	U	1.4	U	1.7	J	1.	U	1.	U	1.2	U
7440-48-4	Cobalt (Co)	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
7440-50-8	Copper (Cu)	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
7439-89-6	Iron (Fe)	171.		213.		2430.		2320.		635.		663.	
7439-92-1	Lead (Pb)	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
7439-95-4	Magnesium (Mg)	6200.		5540.		6080.		6200.		2720.		2670.	
7439-96-5	Manganese (Mn)	110.		119.		348.		350.		76.9		72.9	
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.43		0.1	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	0.7	U	1.1	U	1.3	J	1.1	U	0.7	U	0.7	U
7440-09-7	Potassium (K)	2290.	J	2230.	J	1490.	J	1700.	J	782.	J	926.	J
7782-49-2	Selenium (Se)	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U	1.	U	1.	U	1.4	U
7440-23-5	Sodium (Na)	25300.		29800.		21200.		24200.		12100.		14000.	
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-62-2	Vanadium (V)	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
7440-66-6	Zinc (Zn)	6.9	U	5.8	U	18.2	U	5.8	U	8.1	J	5.8	U
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-G-W10I-06		039-G-W10I-A2		039-G-W12D-04		039-G-W12D-06		039-G-W12D-A2		039-G-W12I-04	
	ORIGINAL ID ----->	039GW10I06		039GW10IA2		039GW12D04		039GW12D06		039GW12DA2		039GW12I04	
	LAB SAMPLE ID --->	31345.10		28785.04		6458-05		31302.05		28809.02		6458-04	
	ID FROM REPORT -->	039GW10I06		039GW10IA2		039GW12D04		039GW12D06		039GW12DA2		039GW12I04	
	SAMPLE DATE ----->	10/04/97		03/11/97		10/16/96		10/03/97		03/12/97		10/16/96	
	DATE EXTRACTED -->	10/17/97		03/17/97		10/25/96		10/09/97		03/17/97		10/25/96	
	DATE ANALYZED --->	10/23/97		03/19/97		10/30/96		10/16/97		03/19/97		10/30/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	28773	VAL	6434	VAL	31302	VAL	28773	VAL	6434	VAL
7429-90-5	Aluminum (Al)	14.2	U	35.3	J	465.	UJ	103.		21.3	J	9.9	UJ
7440-36-0	Antimony (Sb)	1.6	U	1.6	UJ	2.	UR	1.6	U	1.6	UJ	2.	UR
7440-38-2	Arsenic (As)	26.5	J	25.6		2.1	UR	2.1	UJ	2.1	U	2.2	J
7440-39-3	Barium (Ba)	23.2		23.4		27.8	J	43.5		22.5		7.3	J
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	0.11	UJ	0.2	U	0.2	U	0.11	UJ
7440-43-9	Cadmium (Cd)	0.37	J	0.3	U	0.22	U	0.3	U	0.3	U	0.22	U
7440-70-2	Calcium (Ca)	47800.		46600.		47800.		17600.		42300.		78500.	
7440-47-3	Chromium (Cr)	1.	U	1.3	U	2.2	J	1.	U	1.4	U	0.78	UJ
7440-48-4	Cobalt (Co)	15.9	J	17.1	J	0.67	UJ	0.8	U	0.8	U	0.67	UJ
7440-50-8	Copper (Cu)	1.4	U	1.4	U	13.6	UR	1.4	U	1.4	U	7.4	UR
7439-89-6	Iron (Fe)	8350.		9050.		931.	J	147.	U	20.	U	489.	J
7439-92-1	Lead (Pb)	0.9	U	0.9	U	2.2	J	1.1	U	0.9	U	1.4	UR
7439-95-4	Magnesium (Mg)	6450.		6440.		5960.		2080.		5150.		4620.	J
7439-96-5	Manganese (Mn)	2990.		3100.		45.3	J	7.5	U	9.1	J	460.	J
7439-97-6	Mercury (Hg)	0.21		0.1	U	0.11	UJ	0.1	U	0.1	U	0.11	UJ
7440-02-0	Nickel (Ni)	0.7	U	0.7	U	0.67	UJ	0.7	U	0.7	U	0.67	UJ
7440-09-7	Potassium (K)	849.	J	938.	J	1850.	J	30200.		3450.	J	1850.	J
7782-49-2	Selenium (Se)	3.4	U	3.4	U	2.1	U	3.4	U	3.4	U	2.1	U
7440-22-4	Silver (Ag)	1.	U	1.4	U	1.	UJ	1.	U	1.	U	1.1	J
7440-23-5	Sodium (Na)	9020.		9830.		36300.	U	23400.	U	30300.		17500.	U
7440-28-0	Thallium (Tl)	5.	U	5.	U	3.1	UR	4.6	U	5.	U	3.1	UR
7440-62-2	Vanadium (V)	1.1	U	1.1	U	0.4	U	1.1	U	1.1	U	0.44	U
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	47.9	UR	5.8	U	5.8	U	28.9	UR
7440-31-5	Tin (Sn)	14.	U	14.	U	54.8	UJ	4.5	U	14.	U	54.8	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

	SAMPLE ID ------->	039-G-W12I-06		039-G-W12I-A2		039-G-W13D-06		039-G-W13D-A2		039-G-W13I-06		039-G-W13I-A2	
	ORIGINAL ID ----->	039GW12I06		039GW12IA2		039GW13D06		039GW13DA2		039GW13I06		039GW13IA2	
	LAB SAMPLE ID --->	31302.01		28785.01		31345.17		28809.05		31345.16		28809.04	
	ID FROM REPORT -->	039GW12I06		039GW12IA2		039GW13D06		039GW13DA2		039GW13I06		039GW13IA2	
	SAMPLE DATE ----->	10/03/97		03/11/97		10/05/97		03/12/97		10/05/97		03/12/97	
	DATE EXTRACTED -->	10/09/97		03/17/97		10/17/97		03/17/97		10/17/97		03/17/97	
	DATE ANALYZED --->	10/16/97		03/19/97		10/23/97		03/19/97		10/23/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302	VAL	28773	VAL	31345	VAL	28773	VAL	31345	VAL	28773	VAL
7429-90-5	Aluminum (Al)	8.	U	17.3	J	8.	U	28.8	J	8.	U	56.3	J
7440-36-0	Antimony (Sb)	1.6	U	1.6	UJ	1.6	U	1.6	UJ	1.6	U	1.6	UJ
7440-38-2	Arsenic (As)	4.	J	5.1	U	2.1	J	2.1	U	2.6	J	4.1	U
7440-39-3	Barium (Ba)	9.6	J	8.9	J	11.		16.		0.3	U	18.6	
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-43-9	Cadmium (Cd)	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-70-2	Calcium (Ca)	75600.		74500.		43500.		59900.		43.	U	29000.	
7440-47-3	Chromium (Cr)	1.	U	1.	U	1.	U	1.5	U	1.	J	1.3	U
7440-48-4	Cobalt (Co)	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	1.3	J
7440-50-8	Copper (Cu)	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
7439-89-6	Iron (Fe)	616.		614.		66.8	J	36.6	J	20.	U	568.	
7439-92-1	Lead (Pb)	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
7439-95-4	Magnesium (Mg)	4340.		4410.		13000.		11900.		43.	U	4470.	
7439-96-5	Manganese (Mn)	535.		507.		42.3		51.2		0.3	U	586.	
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.11	J	0.1	U	0.2		0.1	U
7440-02-0	Nickel (Ni)	0.7	U	1.1	U	0.7	U	0.94	U	0.7	U	4.2	U
7440-09-7	Potassium (K)	2100.	J	1560.	J	2830.	J	2960.	J	55.	U	1490.	J
7782-49-2	Selenium (Se)	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U	3.4	U
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U	1.3	U	1.	U	1.	U
7440-23-5	Sodium (Na)	19500.	U	20100.		27800.		33300.		19.	U	17100.	
7440-28-0	Thallium (Tl)	4.6	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-62-2	Vanadium (V)	1.1	U	1.1	U	1.1	U	2.4	J	1.1	U	1.1	U
7440-66-6	Zinc (Zn)	15.3	U	5.8	U	5.8	U	5.8	U	5.8	U	5.8	U
7440-31-5	Tin (Sn)	4.5	U	14.	U	14.	U	14.	U	14.	U	14.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	039-G-W14D-01		039-G-W14D-06		039-G-W14D-A2		039-G-W15D-01		039-G-W15D-06		039-G-W15D-A2	
	ORIGINAL ID ----->	039GW14D01		039GW14D06		039GW14DA2		039GW15D01		039GW15D06		039GW15DA2	
	LAB SAMPLE ID --->	28417.02		31345.19		7446-02		28417.04		31345.22		7438-02	
	ID FROM REPORT -->	039GW14D01		039GW14D06		039GW14DA2		039GW15D01		039GW15D06		039GW15DA2	
	SAMPLE DATE ----->	02/06/97		10/05/97		03/21/97		02/06/97		10/05/97		03/20/97	
	DATE EXTRACTED -->	02/20/97		10/17/97		03/26/97		02/20/97		10/20/97		03/26/97	
	DATE ANALYZED --->	02/21/97		10/23/97		03/27/97		02/21/97		10/23/97		03/27/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28417	VAL	31345	VAL	7438	VAL	28417	VAL	31345	VAL	7438	VAL
7429-90-5	Aluminum (Al)	46.	J	8.	U	44.6	U	411.		36.3	U	101.	U
7440-36-0	Antimony (Sb)	2.1	U	1.6	U	1.6	U	2.1	U	1.6	U	2.3	U
7440-38-2	Arsenic (As)	2.5	U	2.3	J	2.4	U	2.5	U	2.1	U	2.	U
7440-39-3	Barium (Ba)	16.4		12.5		13.	J	12.8		9.	J	11.6	J
7440-41-7	Beryllium (Be)	0.3	U	0.2	U	0.22	U	0.3	U	0.2	U	0.22	U
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	1.	U	0.5	U	0.3	U	1.	U
7440-70-2	Calcium (Ca)	51800.		50500.		49200.		48500.		49600.		45800.	
7440-47-3	Chromium (Cr)	0.8	U	1.	U	6.4	UJ	1.1	J	1.	U	8.1	UJ
7440-48-4	Cobalt (Co)	0.9	U	0.8	U	1.3	U	0.9	U	0.8	U	1.3	U
7440-50-8	Copper (Cu)	3.	U	1.4	U	1.1	U	2.1	U	1.4	U	4.3	J
7439-89-6	Iron (Fe)	127.		526.		362.		567.		558.		409.	
7439-92-1	Lead (Pb)	1.7	U	0.9	U	0.89	U	1.7	U	0.9	U	0.89	U
7439-95-4	Magnesium (Mg)	2230.		2000.		1990.	J	15100.		15300.		13700.	
7439-96-5	Manganese (Mn)	36.5		32.1		34.		145.		161.		140.	
7439-97-6	Mercury (Hg)	0.1	U	0.16	J	0.08	U	0.1	U	0.11	J	0.08	U
7440-02-0	Nickel (Ni)	0.8	U	0.7	U	1.2	U	1.4	J	0.7	U	1.2	U
7440-09-7	Potassium (K)	1600.	U	677.	U	947.	J	9180.		8720.		12000.	J
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.2	J	2.8	U	3.4	U	2.1	U
7440-22-4	Silver (Ag)	1.2	U	1.	U	1.3	U	1.2	U	1.	U	1.3	U
7440-23-5	Sodium (Na)	16200.		12900.		13000.		120000.		120000.		102000.	
7440-28-0	Thallium (Tl)	2.7	U	5.	U	6.	U	2.7	U	5.	U	6.	U
7440-62-2	Vanadium (V)	0.86	J	1.1	U	0.78	U	1.3	J	1.1	U	0.78	U
7440-66-6	Zinc (Zn)	20.2	U	17.1	U	14.1	UJ	16.8	U	7.	U	15.7	UJ
7440-31-5	Tin (Sn)	2.6	U	14.	U	53.7	U	2.6	U	14.	U	53.7	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST											
	SAMPLE ID ------->	039-G-W005-04		039-G-W014-A2		039-G-W015-A2		039-G-W14D-A2		039-G-W15D-A2	
	ORIGINAL ID ----->	039GW00504		039GW014A2		039GW015A2		039GW14DA2		039GW15DA2	
	LAB SAMPLE ID --->	6423-03		7438-03		7438-01		7446-02		7438-02	
	ID FROM REPORT -->	039GW00504		039GW014A2		039GW015A2		039GW14DA2		039GW15DA2	
	SAMPLE DATE ----->	10/09/96		03/20/97		03/20/97		03/21/97		03/20/97	
	DATE EXTRACTED -->	10/14/96		03/25/97		03/25/97		03/25/97		03/25/97	
	DATE ANALYZED --->	10/19/96		03/28/97		03/28/97		03/28/97		03/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	7438	VAL	7438	VAL	7438	VAL	7438	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	1.	U
57-74-9	Chlordane	1.	U	1.	U	1.	U	1.	U	1.	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA															
	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W001-04 RE		039-G-W002-02		039-G-W002-03		039-G-W002-04 RE	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00104		039GW00202		039GW00203		039GW00204	
	LAB SAMPLE ID --->	L6891-21		L7287-16		6395-03RX		L6891-23		L7287-18		6414-03RX	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00104		039GW00202		039GW00203		039GW00204	
	SAMPLE DATE ----->	04/23/96		06/20/96		10/07/96		04/23/96		06/20/96		10/08/96	
	DATE EXTRACTED -->	04/29/96		06/22/96		10/16/96		04/29/96		06/22/96		10/25/96	
	DATE ANALYZED --->	05/13/96		06/27/96		10/18/96		05/13/96		06/27/96		10/28/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891	VAL	L7287	VAL	6382	VAL	L6891	VAL	L7287	VAL	6382	VAL
108-95-2	Phenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
111-44-4	bis(2-Chloroethyl)ether	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
95-57-8	2-Chlorophenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
541-73-1	1,3-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
106-46-7	1,4-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
100-51-6	Benzyl alcohol	21.	U	23.	U	10.	U	21.	U	23.	U	10.	UJ
95-50-1	1,2-Dichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
95-48-7	2-Methylphenol (o-Cresol)	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
106-44-5	4-Methylphenol (p-Cresol)	11.	UJ	11.	U	10.	U	10.	UJ	11.	UR	10.	UJ
621-64-7	N-Nitroso-di-n-propylamine	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
67-72-1	Hexachloroethane	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
98-95-3	Nitrobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
78-59-1	Isophorone	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
88-75-5	2-Nitrophenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
105-67-9	2,4-Dimethylphenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
65-85-0	Benzoic acid	53.	U	57.	U	50.	UJ	52.	U	57.	UR	50.	UJ
111-91-1	bis(2-Chloroethoxy)methane	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
120-83-2	2,4-Dichlorophenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
120-82-1	1,2,4-Trichlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
91-20-3	Naphthalene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
106-47-8	4-Chloroaniline	21.	U	23.	U	10.	UJ	21.	U	23.	U	10.	UJ
87-68-3	Hexachlorobutadiene	11.	U	11.	U	10.	UJ	10.	U	11.	U	10.	UJ
59-50-7	4-Chloro-3-methylphenol	21.	U	23.	U	10.	U	21.	U	23.	UR	10.	UJ
91-57-6	2-Methylnaphthalene	5.	J	11.	U	4.	J	10.	U	11.	U	10.	UJ
77-47-4	Hexachlorocyclopentadiene	11.	U	11.	U	10.	UJ	10.	U	11.	U	10.	UJ
88-06-2	2,4,6-Trichlorophenol	11.	U	11.	U	10.	U	10.	U	11.	UR	10.	UJ
95-95-4	2,4,5-Trichlorophenol	11.	U	11.	U	25.	U	10.	U	11.	UR	25.	UJ
91-58-7	2-Chloronaphthalene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
88-74-4	2-Nitroaniline	53.	U	57.	U	25.	U	52.	U	57.	U	25.	UJ
131-11-3	Dimethyl phthalate	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
208-96-8	Acenaphthylene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
606-20-2	2,6-Dinitrotoluene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
99-09-2	3-Nitroaniline	53.	U	57.	U	25.	UJ	52.	U	57.	U	25.	UJ
83-32-9	Acenaphthene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
51-28-5	2,4-Dinitrophenol	53.	U	57.	U	25.	UJ	52.	U	57.	UR	25.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA															
	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W001-04 RE		039-G-W002-02		039-G-W002-03		039-G-W002-04 RE	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00104		039GW00202		039GW00203		039GW00204	
	LAB SAMPLE ID --->	L6891-21		L7287-16		6395-03RX		L6891-23		L7287-18		6414-03RX	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00104		039GW00202		039GW00203		039GW00204	
	SAMPLE DATE ----->	04/23/96		06/20/96		10/07/96		04/23/96		06/20/96		10/08/96	
	DATE EXTRACTED -->	04/29/96		06/22/96		10/16/96		04/29/96		06/22/96		10/25/96	
	DATE ANALYZED --->	05/13/96		06/27/96		10/18/96		05/13/96		06/27/96		10/28/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891	VAL	L7287	VAL	6382	VAL	L6891	VAL	L7287	VAL	6382	VAL
100-02-7	4-Nitrophenol	53.	UJ	57.	U	25.	U	52.	UJ	57.	UR	25.	UJ
132-64-9	Dibenzofuran	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
121-14-2	2,4-Dinitrotoluene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
84-66-2	Diethylphthalate	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
7005-72-3	4-Chlorophenylphenylether	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
86-73-7	Fluorene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
100-01-6	4-Nitroaniline	21.	U	23.	U	25.	UJ	21.	U	23.	U	25.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	53.	U	57.	U	25.	UJ	52.	U	57.	UR	25.	UJ
86-30-6	N-Nitrosodiphenylamine	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
101-55-3	4-Bromophenyl-phenylether	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
118-74-1	Hexachlorobenzene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
87-86-5	Pentachlorophenol	53.	U	57.	U	25.	U	52.	U	57.	UR	25.	UJ
85-01-8	Phenanthrene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
120-12-7	Anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
86-74-8	Carbazole	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
84-74-2	Di-n-butylphthalate	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
206-44-0	Fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
129-00-0	Pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
85-68-7	Butylbenzylphthalate	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
91-94-1	3,3'-Dichlorobenzidine	21.	U	23.	U	10.	UJ	21.	U	23.	U	10.	UJ
56-55-3	Benzo(a)anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
218-01-9	Chrysene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	13.		10.	U	10.	U	11.	U	10.	UJ
117-84-0	Di-n-octyl phthalate	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
205-99-2	Benzo(b)fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
207-08-9	Benzo(k)fluoranthene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
50-32-8	Benzo(a)pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
53-70-3	Dibenz(a,h)anthracene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
191-24-2	Benzo(g,h,i)perylene	11.	U	11.	U	10.	U	10.	U	11.	U	10.	UJ
110-86-1	Pyridine	NR		NR		10.	U	NR		NR		10.	UJ
103-33-3	Azobenzene	NR		NR		10.	U	NR		NR		10.	UJ
62-53-3	Aniline	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-SVOA

	SAMPLE ID ------->	039-G-W003-02		039-H-W003-02		039-G-W003-03		039-G-W003-04		039-G-W004-02		039-G-W004-03 RE	
	ORIGINAL ID ----->	039GW00302		039HW00302		039GW00303		039GW00304		039GW00402		039GW00403	
	LAB SAMPLE ID --->	L6904-40		L6904-42		L7287-20		6414-04		L6904-46		L7294-27RE	
	ID FROM REPORT -->	039GW00302		039HW00302		039GW00303		039GW00304		039GW00402		039GW00403	
	SAMPLE DATE ----->	04/24/96		04/24/96		06/20/96		10/08/96		04/24/96		06/21/96	
	DATE EXTRACTED -->	04/29/96		04/29/96		06/22/96		10/10/96		04/29/96		06/25/96	
	DATE ANALYZED --->	05/13/96		05/13/96		06/27/96		10/23/96		05/13/96		07/09/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6904	VAL	L6904	VAL	L7287	VAL	6382	VAL	L6904	VAL	L7294	VAL
108-95-2	Phenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
100-51-6	Benzyl alcohol	20.	U	21.	U	23.	U	10.	U	21.	U	23.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UJ	10.	UJ	12.	UR	10.	U	10.	UJ	11.	UR
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
67-72-1	Hexachloroethane	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
98-95-3	Nitrobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
78-59-1	Isophorone	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
65-85-0	Benzoic acid	51.	U	52.	U	58.	UR	50.	U	52.	UJ	57.	UR
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
91-20-3	Naphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
106-47-8	4-Chloroaniline	20.	U	21.	U	23.	U	10.	U	21.	U	23.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	20.	U	21.	U	23.	UR	10.	U	21.	UJ	23.	UR
91-57-6	2-Methylnaphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	12.	UR	10.	U	10.	UJ	11.	UR
95-95-4	2,4,5-Trichlorophenol	10.	U	10.	U	12.	UR	25.	U	10.	UJ	11.	UR
91-58-7	2-Chloronaphthalene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	51.	U	52.	U	58.	U	25.	U	52.	U	57.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
208-96-8	Acenaphthylene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	51.	U	52.	U	58.	U	25.	U	52.	U	57.	U
83-32-9	Acenaphthene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	51.	U	52.	U	58.	UR	25.	U	52.	UJ	57.	UR

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W003-02		039-H-W003-02		039-G-W003-03		039-G-W003-04		039-G-W004-02		039-G-W004-03 RE	
	ORIGINAL ID ----->	039GW00302		039HW00302		039GW00303		039GW00304		039GW00402		039GW00403	
	LAB SAMPLE ID --->	L6904-40		L6904-42		L7287-20		6414-04		L6904-46		L7294-27RE	
	ID FROM REPORT -->	039GW00302		039HW00302		039GW00303		039GW00304		039GW00402		039GW00403	
	SAMPLE DATE ----->	04/24/96		04/24/96		06/20/96		10/08/96		04/24/96		06/21/96	
	DATE EXTRACTED -->	04/29/96		04/29/96		06/22/96		10/10/96		04/29/96		06/25/96	
	DATE ANALYZED --->	05/13/96		05/13/96		06/27/96		10/23/96		05/13/96		07/09/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6904	VAL	L6904	VAL	L7287	VAL	6382	VAL	L6904	VAL	L7294	VAL
100-02-7	4-Nitrophenol	51.	UJ	52.	UJ	58.	UR	25.	U	52.	UJ	57.	UR
132-64-9	Dibenzofuran	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
84-66-2	Diethylphthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
86-73-7	Fluorene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
100-01-6	4-Nitroaniline	20.	U	21.	U	23.	U	25.	U	21.	U	23.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	51.	U	52.	U	58.	UR	25.	U	52.	UJ	57.	UR
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
87-86-5	Pentachlorophenol	51.	U	52.	U	58.	UR	25.	U	52.	UJ	57.	UR
85-01-8	Phenanthrene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
120-12-7	Anthracene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
86-74-8	Carbazole	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
206-44-0	Fluoranthene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
129-00-0	Pyrene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	21.	U	23.	U	10.	U	21.	U	23.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
218-01-9	Chrysene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	12.	U	10.	U	10.	U	11.	U
110-86-1	Pyridine	NR		NR		NR		10.	U	NR		NR	
103-33-3	Azobenzene	NR		NR		NR		10.	U	NR		NR	
62-53-3	Aniline	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W004-04		039-G-W005-02		039-G-W005-03 RE		039-G-W005-04		039-G-W006-04		039-G-W007-04	
	ORIGINAL ID ----->	039GW00404		039GW00502		039GW00503		039GW00504		039GW00604		039GW00704	
	LAB SAMPLE ID --->	6423-01		L6904-44		L7294-32RE		6423-03		6434-06		6437-01	
	ID FROM REPORT -->	039GW00404		039GW00502		039GW00503		039GW00504		039GW00604		039GW00704	
	SAMPLE DATE ----->	10/09/96		04/24/96		06/21/96		10/09/96		10/10/96		10/11/96	
	DATE EXTRACTED -->	10/14/96		04/29/96		06/28/96		10/14/96		10/14/96		10/14/96	
	DATE ANALYZED --->	10/18/96		05/13/96		07/15/96		10/18/96		10/23/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	L6904	VAL	L7294	VAL	6382	VAL	6434	VAL	6434	VAL
108-95-2	Phenol	10.	UR	10.	U	11.	U	10.	UR	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	UR	10.	U	11.	U	10.	UR	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	U	21.	U	22.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UR	10.	UJ	11.	U	10.	UR	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ	10.	U	11.	U	10.	UJ	10.	UJ	10.	UJ
106-44-5	4-Methylphenol (p-Cresol)	10.	UR	10.	U	11.	U	10.	UR	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	UR	10.	U	11.	UJ	10.	UR	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	UR	10.	U	11.	UJ	10.	UR	10.	U	10.	U
65-85-0	Benzoic acid	50.	UR	52.	U	56.	UJ	50.	UR	50.	UJ	50.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	UR	10.	U	11.	UJ	10.	UR	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	64.		35.	J	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	U	21.	U	22.	UJ	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	UR	21.	U	22.	UJ	10.	UR	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	U	23.		14.	J	3.	J	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	UR	10.	U	11.	UJ	10.	UR	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	UR	10.	U	11.	UJ	25.	UR	25.	U	25.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	25.	U	52.	U	56.	UJ	25.	U	25.	U	25.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	U	52.	U	56.	UJ	25.	U	25.	U	25.	U
83-32-9	Acenaphthene	10.	U	10.	U	11.	UJ	2.	J	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	UR	52.	U	56.	UJ	25.	UR	25.	UJ	25.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-SVOA	SAMPLE ID ------->	039-G-W004-04		039-G-W005-02		039-G-W005-03 RE		039-G-W005-04		039-G-W006-04		039-G-W007-04	
	ORIGINAL ID ----->	039GW00404		039GW00502		039GW00503		039GW00504		039GW00604		039GW00704	
	LAB SAMPLE ID --->	6423-01		L6904-44		L7294-32RE		6423-03		6434-06		6437-01	
	ID FROM REPORT -->	039GW00404		039GW00502		039GW00503		039GW00504		039GW00604		039GW00704	
	SAMPLE DATE ----->	10/09/96		04/24/96		06/21/96		10/09/96		10/10/96		10/11/96	
	DATE EXTRACTED -->	10/14/96		04/29/96		06/28/96		10/14/96		10/14/96		10/14/96	
	DATE ANALYZED --->	10/18/96		05/13/96		07/15/96		10/18/96		10/23/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	L6904	VAL	L7294	VAL	6382	VAL	6434	VAL	6434	VAL
100-02-7	4-Nitrophenol	25.	UR	52.	UJ	56.	UJ	25.	UR	25.	U	25.	U
132-64-9	Dibenzofuran	10.	U	4.1	J	3.5	J	4.	J	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	11.	UJ	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	3.9	J	2.7	J	4.	J	10.	U	10.	U
100-01-6	4-Nitroaniline	25.	U	21.	U	22.	UJ	25.	U	25.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UR	52.	U	56.	U	25.	UR	25.	U	25.	UJ
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	25.	UR	52.	U	56.	U	25.	UR	25.	U	25.	U
85-01-8	Phenanthrene	10.	U	2.8	J	2.1	J	3.	J	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	2.2	J	10.	U	10.	U	10.	U
86-74-8	Carbazole	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	UJ	21.	U	22.	UJ	10.	UJ	10.	U	10.	UJ
56-55-3	Benzo(a)anthracene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	5.1	J	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	11.	U	10.	U	10.	U	10.	U
110-86-1	Pyridine	10.	U	NR		NR		10.	U	10.	U	10.	U
103-33-3	Azobenzene	10.	U	NR		NR		10.	U	10.	U	10.	U
62-53-3	Aniline	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W008-04		039-G-W009-04		039-G-W010-04		039-G-W011-04		039-G-W012-04		039-G-W012-06	
	ORIGINAL ID ----->	039GW00804		039GW00904		039GW01004		039GW01104		039GW01204		039GW01206	
	LAB SAMPLE ID --->	6437-02		6437-03		6437-04		6450-04		6458-03		31302.07	
	ID FROM REPORT -->	039GW00804		039GW00904		039GW01004		039GW01104		039GW01204		039GW01206	
	SAMPLE DATE ----->	10/11/96		10/11/96		10/11/96		10/15/96		10/16/96		10/03/97	
	DATE EXTRACTED -->	10/14/96		10/14/96		10/14/96		10/17/96		10/17/96		10/07/97	
	DATE ANALYZED --->	10/18/96		10/21/96		10/21/96		10/23/96		10/23/96		10/15/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6434	VAL	6434	VAL	6434	VAL	6434	VAL	31302	
108-95-2	Phenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ	10.	UJ	10.	UJ	11.	U	11.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	14.		11.	UR	11.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	11.	J	11.	UR	11.	U
65-85-0	Benzoic acid	50.	UJ	50.	UJ	50.	UJ	57.	U	57.	UR	56.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
91-20-3	Naphthalene	110.		10.	U	4.	J	450.	D	11.	U	11.	U
106-47-8	4-Chloroaniline	10.	U	10.	UJ	10.	UJ	11.	U	11.	U	11.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	11.	UJ	11.	UJ	11.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
91-57-6	2-Methylnaphthalene	5.	J	10.	U	10.	U	300.		11.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	11.	UJ	11.	UJ	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	11.	U	11.	UR	11.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	28.	U	28.	UR	56.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
88-74-4	2-Nitroaniline	25.	U	25.	U	25.	U	28.	U	28.	U	56.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
99-09-2	3-Nitroaniline	25.	U	25.	UJ	25.	UJ	28.	UJ	28.	UJ	56.	U
83-32-9	Acenaphthene	2.	J	10.	U	10.	U	11.	U	11.	U	11.	U
51-28-5	2,4-Dinitrophenol	25.	UJ	25.	UJ	25.	UJ	28.	U	28.	UR	56.	U

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W008-04		039-G-W009-04		039-G-W010-04		039-G-W011-04		039-G-W012-04		039-G-W012-06	
	ORIGINAL ID ----->	039GW00804		039GW00904		039GW01004		039GW01104		039GW01204		039GW01206	
	LAB SAMPLE ID --->	6437-02		6437-03		6437-04		6450-04		6458-03		31302.07	
	ID FROM REPORT -->	039GW00804		039GW00904		039GW01004		039GW01104		039GW01204		039GW01206	
	SAMPLE DATE ----->	10/11/96		10/11/96		10/11/96		10/15/96		10/16/96		10/03/97	
	DATE EXTRACTED -->	10/14/96		10/14/96		10/14/96		10/17/96		10/17/96		10/07/97	
	DATE ANALYZED --->	10/18/96		10/21/96		10/21/96		10/23/96		10/23/96		10/15/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6434	VAL	6434	VAL	6434	VAL	6434	VAL	31302	
100-02-7	4-Nitrophenol	25.	U	25.	U	25.	U	28.	U	28.	UR	56.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	9.	J	11.	U	11.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	11.	J	11.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	8.	J	11.	U	11.	U
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U	28.	UJ	28.	UJ	56.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UJ	25.	U	25.	U	28.	U	28.	UR	56.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
87-86-5	Pentachlorophenol	25.	U	25.	U	25.	U	28.	U	28.	UR	56.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	5.	J	11.	U	11.	U
86-74-8	Carbazole	10.	U	10.	U	10.	U	11.	U	11.	U	NR	
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	10.	UJ	10.	U	10.	U	11.	UJ	11.	UJ	22.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	10.	U	11.	U	11.	U	5.	JB
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	11.	UJ	11.	UJ	11.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	11.	UJ	11.	UJ	11.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	11.	U	11.	U	11.	U
110-86-1	Pyridine	10.	U	10.	U	10.	U	11.	U	11.	U	NR	
103-33-3	Azobenzene	10.	U	10.	U	10.	U	6.	J	11.	U	NR	
62-53-3	Aniline	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		NR	

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W014-A2 RE		039-G-W015-A2		039-G-W04D-02		039-G-W04D-03		039-G-W04D-04		039-G-W04I-01	
	ORIGINAL ID ----->	039GW014A2		039GW015A2		039GW04D02		039GW04D03		039GW04D04		039GW04I01	
	LAB SAMPLE ID --->	7438-03RE		7438-01		L6916-16		L7294-29		6423-02		6607-07	
	ID FROM REPORT -->	039GW014A2		039GW015A2		039GW04D02		039GW04D03		039GW04D04		039GW04I01	
	SAMPLE DATE ----->	03/20/97		03/20/97		04/25/96		06/21/96		10/08/96		11/06/96	
	DATE EXTRACTED -->	04/03/97		03/25/97		04/29/96		06/25/96		10/14/96		11/07/96	
	DATE ANALYZED --->	04/08/97		04/02/97		05/13/96		07/03/96		10/18/96		11/13/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	7438	VAL	7438	VAL	L6916	VAL	L7294	VAL	6382	VAL	6589	VAL
108-95-2	Phenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	10.	UJ	10.	U	21.	U	23.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	UJ	10.	U	11.	UJ	12.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ	10.	U	11.	U	12.	U	10.	UJ	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
78-59-1	Isophorone	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	UJ	50.	U	53.	U	58.	U	50.	UJ	50.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	10.	UJ	10.	U	21.	U	23.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	UJ	10.	U	21.	U	23.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	UJ	25.	U	11.	U	12.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	25.	UJ	25.	U	53.	U	58.	U	25.	U	25.	U
131-11-3	Dimethyl phthalate	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	25.	UJ	25.	U	53.	U	58.	U	25.	U	25.	UJ
83-32-9	Acenaphthene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	UJ	25.	U	53.	U	58.	U	25.	UJ	25.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA															
	SAMPLE ID ------->	039-G-W014-A2 RE		039-G-W015-A2		039-G-W04D-02		039-G-W04D-03		039-G-W04D-04		039-G-W04I-01	
	ORIGINAL ID ----->	039GW014A2		039GW015A2		039GW04D02		039GW04D03		039GW04D04		039GW04I01	
	LAB SAMPLE ID --->	7438-03RE		7438-01		L6916-16		L7294-29		6423-02		6607-07	
	ID FROM REPORT -->	039GW014A2		039GW015A2		039GW04D02		039GW04D03		039GW04D04		039GW04I01	
	SAMPLE DATE ----->	03/20/97		03/20/97		04/25/96		06/21/96		10/08/96		11/06/96	
	DATE EXTRACTED -->	04/03/97		03/25/97		04/29/96		06/25/96		10/14/96		11/07/96	
	DATE ANALYZED --->	04/08/97		04/02/97		05/13/96		07/03/96		10/18/96		11/13/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	7438	VAL	7438	VAL	L6916	VAL	L7294	VAL	6382	VAL	6589	VAL
100-02-7	4-Nitrophenol	25.	UJ	25.	U	53.	UJ	58.	U	25.	U	25.	U
132-64-9	Dibenzofuran	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
86-73-7	Fluorene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	25.	UJ	25.	U	21.	U	23.	U	25.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	UJ	25.	U	53.	U	58.	U	25.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	25.	UJ	25.	U	53.	U	58.	U	25.	U	25.	U
85-01-8	Phenanthrene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
120-12-7	Anthracene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
86-74-8	Carbazole	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
129-00-0	Pyrene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	UJ	10.	U	21.	U	23.	U	10.	UJ	10.	UJ
56-55-3	Benzo(a)anthracene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
218-01-9	Chrysene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	UJ	10.	U	11.	U	12.	U	10.	U	10.	U
110-86-1	Pyridine	10.	UJ	10.	U	NR		NR		10.	U	10.	U
103-33-3	Azobenzene	10.	UJ	10.	U	NR		NR		10.	U	10.	U
62-53-3	Aniline	10.	UJ	10.	U	NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	10.	UJ	10.	U	NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->		039-G-W08D-04		039-G-W09D-01		039-G-W09I-01		039-G-W10D-01		039-G-W10I-01		039-G-W12D-04	
ORIGINAL ID ----->		039GW08D04		039GW09D01		039GW09I01		039GW10D01		039GW10I01		039GW12D04	
LAB SAMPLE ID --->		6450-03		6589-04		6607-01		6607-06		6607-05		6458-05	
ID FROM REPORT -->		039GW08D04		039GW09D01		039GW09I01		039GW10D01		039GW10I01		039GW12D04	
SAMPLE DATE ----->		10/15/96		11/04/96		11/05/96		11/06/96		11/06/96		10/16/96	
DATE EXTRACTED -->		10/17/96		11/07/96		11/07/96		11/07/96		11/07/96		10/17/96	
DATE ANALYZED --->		10/23/96		11/12/96		11/12/96		11/13/96		11/12/96		10/23/96	
MATRIX ---------->		Water		Water		Water		Water		Water		Water	
UNITS ---------->		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6589	VAL	6589	VAL	6589	VAL	6589	VAL	6434	VAL
108-95-2	Phenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
111-44-4	bis(2-Chloroethyl)ether	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
541-73-1	1,3-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
100-51-6	Benzyl alcohol	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
95-50-1	1,2-Dichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
621-64-7	N-Nitroso-di-n-propylamine	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
67-72-1	Hexachloroethane	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
98-95-3	Nitrobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
78-59-1	Isophorone	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
105-67-9	2,4-Dimethylphenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
65-85-0	Benzoic acid	56.	UR	50.	UJ	50.	UJ	50.	UJ	50.	UR	57.	U
111-91-1	bis(2-Chloroethoxy)methane	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
120-82-1	1,2,4-Trichlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
91-20-3	Naphthalene	7.	J	10.	U	10.	U	10.	U	10.	U	11.	U
106-47-8	4-Chloroaniline	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
87-68-3	Hexachlorobutadiene	11.	UJ	10.	U	10.	U	10.	U	10.	U	11.	UJ
59-50-7	4-Chloro-3-methylphenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
91-57-6	2-Methylnaphthalene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	11.	UJ	10.	U	10.	U	10.	U	10.	U	11.	UJ
88-06-2	2,4,6-Trichlorophenol	11.	UR	10.	U	10.	U	10.	U	10.	UR	11.	U
95-95-4	2,4,5-Trichlorophenol	28.	UR	25.	U	25.	U	25.	U	25.	UR	28.	U
91-58-7	2-Chloronaphthalene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	28.	U	25.	U	25.	U	25.	U	25.	U	28.	U
131-11-3	Dimethyl phthalate	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
208-96-8	Acenaphthylene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	28.	UJ	25.	UJ	25.	UJ	25.	UJ	25.	UJ	28.	UJ
83-32-9	Acenaphthene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	28.	UR	25.	UJ	25.	UJ	25.	UJ	25.	UR	28.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	039-G-W08D-04		039-G-W09D-01		039-G-W09I-01		039-G-W10D-01		039-G-W10I-01		039-G-W12D-04	
	ORIGINAL ID ----->	039GW08D04		039GW09D01		039GW09I01		039GW10DD1		039GW10I01		039GW12D04	
	LAB SAMPLE ID --->	6450-03		6589-04		6607-01		6607-06		6607-05		6458-05	
	ID FROM REPORT -->	039GW08D04		039GW09D01		039GW09I01		039GW10DD1		039GW10I01		039GW12D04	
	SAMPLE DATE ----->	10/15/96		11/04/96		11/05/96		11/06/96		11/06/96		10/16/96	
	DATE EXTRACTED -->	10/17/96		11/07/96		11/07/96		11/07/96		11/07/96		10/17/96	
	DATE ANALYZED --->	10/23/96		11/12/96		11/12/96		11/13/96		11/12/96		10/23/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6589	VAL	6589	VAL	6589	VAL	6589	VAL	6434	VAL
100-02-7	4-Nitrophenol	28.	UR	25.	U	25.	U	25.	U	25.	UR	28.	U
132-64-9	Dibenzofuran	5.	J	10.	U	10.	U	10.	U	10.	U	11.	U
121-14-2	2,4-Dinitrotoluene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
84-66-2	Diethylphthalate	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
86-73-7	Fluorene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
100-01-6	4-Nitroaniline	28.	UJ	25.	U	25.	U	25.	U	25.	U	28.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	28.	UR	25.	U	25.	U	25.	U	25.	UR	28.	U
86-30-6	N-Nitrosodiphenylamine	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
87-86-5	Pentachlorophenol	28.	UR	25.	U	25.	U	25.	U	25.	UR	28.	U
85-01-8	Phenanthrene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
120-12-7	Anthracene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
86-74-8	Carbazole	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
206-44-0	Fluoranthene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
129-00-0	Pyrene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	11.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ	11.	UJ
56-55-3	Benzo(a)anthracene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
218-01-9	Chrysene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
117-84-0	Di-n-octyl phthalate	11.	UJ	10.	U	10.	U	10.	U	10.	U	11.	UJ
205-99-2	Benzo(b)fluoranthene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	11.	UJ	10.	U	10.	U	10.	U	10.	U	11.	UJ
191-24-2	Benzo(g,h,i)perylene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
110-86-1	Pyridine	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
103-33-3	Azobenzene	11.	U	10.	U	10.	U	10.	U	10.	U	11.	U
62-53-3	Aniline	NR		NR		NR		NR		NR		NR	
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA															
	SAMPLE ID ------->	039-G-W12D-06		039-G-W12I-04 RE		039-G-W12I-06		039-G-W13D-01		039-G-W13I-01 RE		039-G-W14D-A2	
	ORIGINAL ID ----->	039GW12D06		039GW12I04		039GW12I06		039GW13D01		039GW13I01		039GW14DA2	
	LAB SAMPLE ID --->	31302.05		6458-04RX		31302.01		6607-02		6607-03RX		7446-02	
	ID FROM REPORT -->	039GW12D06		039GW12I04		039GW12I06		039GW13D01		039GW13I01		039GW14DA2	
	SAMPLE DATE ----->	10/03/97		10/16/96		10/03/97		11/05/96		11/05/96		03/21/97	
	DATE EXTRACTED -->	10/07/97		10/28/96		10/07/97		11/07/96		11/14/96		03/25/97	
	DATE ANALYZED --->	10/15/97		10/29/96		10/15/97		11/12/96		11/14/96		04/02/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302		6434	VAL	31302		6589	VAL	6589	VAL	7438	VAL
108-95-2	Phenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
95-50-1	1,2-Dichlorobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	62.	U	50.	UJ	53.	U	50.	UJ	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
91-57-6	2-Methylnaphthalene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
131-11-3	Dimethyl phthalate	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	62.	U	25.	UJ	53.	U	25.	UJ	25.	U	25.	U
83-32-9	Acenaphthene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	62.	U	25.	UJ	53.	U	25.	UJ	25.	U	25.	U

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA															
	SAMPLE ID ------->	039-G-W12D-06		039-G-W12I-04 RE		039-G-W12I-06		039-G-W13D-01		039-G-W13I-01 RE		039-G-W14D-A2	
	ORIGINAL ID ----->	039GW12D06		039GW12I04		039GW12I06		039GW13D01		039GW13I01		039GW14DA2	
	LAB SAMPLE ID --->	31302.05		6458-04RX		31302.01		6607-02		6607-03RX		7446-02	
	ID FROM REPORT -->	039GW12D06		039GW12I04		039GW12I06		039GW13D01		039GW13I01		039GW14DA2	
	SAMPLE DATE ----->	10/03/97		10/16/96		10/03/97		11/05/96		11/05/96		03/21/97	
	DATE EXTRACTED -->	10/07/97		10/28/96		10/07/97		11/07/96		11/14/96		03/25/97	
	DATE ANALYZED --->	10/15/97		10/29/96		10/15/97		11/12/96		11/14/96		04/02/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302		6434	VAL	31302		6589	VAL	6589	VAL	7438	VAL
100-02-7	4-Nitrophenol	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
132-64-9	Dibenzofuran	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
86-30-6	N-Nitrosodiphenylamine	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	62.	U	25.	UJ	53.	U	25.	U	25.	U	25.	U
85-01-8	Phenanthrene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
86-74-8	Carbazole	NR		10.	UJ	NR		10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	25.	U	10.	UJ	21.	U	10.	UJ	10.	UJ	10.	U
56-55-3	Benzo(a)anthracene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	JB	10.	UJ	16.	B	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	12.	U	10.	UJ	11.	U	10.	U	10.	U	10.	U
110-86-1	Pyridine	NR		10.	UJ	NR		10.	U	10.	U	10.	U
103-33-3	Azobenzene	NR		10.	UJ	NR		10.	U	10.	U	10.	U
62-53-3	Aniline	NR		NR		NR		NR		NR		10.	U
62-75-9	N-Nitrosodimethylamine	NR		NR		NR		NR		NR		10.	U

SW846-SVOA

SAMPLE ID ------->	039-G-W15D-A2
ORIGINAL ID ----->	039GW15DA2
LAB SAMPLE ID --->	7438-02
ID FROM REPORT -->	039GW15DA2
SAMPLE DATE ----->	03/20/97
DATE EXTRACTED -->	03/25/97
DATE ANALYZED --->	04/02/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	7438	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
65-85-0	Benzoic acid	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	10.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	U

*** Validation Complete ***

GW846-SVOA

SAMPLE ID ------->	039-G-W15D-A2
ORIGINAL ID ----->	039GW15DA2
LAB SAMPLE ID --->	7438-02
ID FROM REPORT -->	039GW15DA2
SAMPLE DATE ----->	03/20/97
DATE EXTRACTED -->	03/25/97
DATE ANALYZED --->	04/02/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	7438	VAL
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	1.	J
191-24-2	Benzo(g,h,i)perylene	10.	U
110-86-1	Pyridine	10.	U
103-33-3	Azobenzene	10.	U
62-53-3	Aniline	10.	U
62-75-9	N-Nitrosodimethylamine	10.	U

*** Validati. . Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W002-02		039-G-W002-03		039-G-W003-02		039-H-W003-02	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	LAB SAMPLE ID --->	L6891-10		L7287-4		L6891-13		L7287-7		L6904-20		L6904-23	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	SAMPLE DATE ----->	04/23/96		06/20/96		04/23/96		06/20/96		04/24/96		04/24/96	
	DATE ANALYZED --->	04/29/96		06/24/96		04/29/96		06/24/96		05/01/96		05/01/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891	VAL	L7287	VAL	L6891	VAL	L7287	VAL	L6904	VAL	L6904	VAL
74-87-3	Chloromethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	U	5.	U
74-83-9	Bromomethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	17.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	U	10.	UJ	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	UJ	5.	U	5.	UJ	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	50.		47.	
124-48-1	Dibromochloromethane	5.	UJ	5.	U	5.	UJ	5.	U	5.5		5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	47.		35.		5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	U	10.	UJ	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	UJ	10.	U	10.	UJ	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	9.2		9.1	
108-88-3	Toluene	3.9	J	2.2	J	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	9.		10.		5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	UJ	5.	U	5.	UJ	5.	U	5.	UJ	5.	UJ
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	3.1	J	2.8	J
95-47-6	o-Xylene	1.8	J	2.1	J	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-W001-02		039-G-W001-03		039-G-W002-02		039-G-W002-03		039-G-W003-02		039-H-W003-02	
	ORIGINAL ID ----->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	LAB SAMPLE ID --->	L6891-10		L7287-4		L6891-13		L7287-7		L6904-20		L6904-23	
	ID FROM REPORT -->	039GW00102		039GW00103		039GW00202		039GW00203		039GW00302		039HW00302	
	SAMPLE DATE ----->	04/23/96		06/20/96		04/23/96		06/20/96		04/24/96		04/24/96	
	DATE ANALYZED --->	04/29/96		06/24/96		04/29/96		06/24/96		05/01/96		05/01/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6891	VAL	L7287	VAL	L6891	VAL	L7287	VAL	L6904	VAL	L6904	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99900-05-0	m+p Xylene	68.		81.		5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-VOA

	SAMPLE ID ------->	039-G-W003-03		039-G-W004-02		039-G-W004-03		039-G-W005-02		039-G-W005-03		039-G-W006-0A	
	ORIGINAL ID ----->	039GW00303		039GW00402		039GW00403		039GW00502		039GW00503		039GW0060A	
	LAB SAMPLE ID --->	L7287-10		L6904-29		L7294-6		L6904-26		L7294-12		L7560-7	
	ID FROM REPORT -->	039GW00303		039GW00402		039GW00403		039GW00502		039GW00503		039GW0060A	
	SAMPLE DATE ----->	06/20/96		04/24/96		06/21/96		04/24/96		06/21/96		07/31/96	
	DATE ANALYZED --->	06/25/96		05/02/96		06/26/96		05/01/96		06/27/96		08/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7287	VAL	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL	L7560	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
74-83-9	Bromomethane	5.	UJ	5.	U	5.	U	5.	U	5.	UJ	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.8		5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	46.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	4.6	J	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	1.	J	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	2.	J	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	1.3	J	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	92.		2.3	J	1.6	J	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	100.		170.		5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.2	J	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	12.		3.8	J	1.7	J	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	1.7	J	1.3	J	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	1.5	J
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	3.	J	1.1	J	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	6.5		2.3	J	1.2	J	5.	U	5.	U	5.	U
95-47-6	o-Xylene	5.	U	5.	U	5.	U	1.5	J	1.9	J	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA															
	SAMPLE ID ------->	039-G-W003-03		039-G-W004-02		039-G-W004-03		039-G-W005-02		039-G-W005-03		039-G-W006-0A	
	ORIGINAL ID ----->	039GW00303		039GW00402		039GW00403		039GW00502		039GW00503		039GW0060A	
	LAB SAMPLE ID --->	L7287-10		L6904-29		L7294-6		L6904-26		L7294-12		L7560-7	
	ID FROM REPORT -->	039GW00303		039GW00402		039GW00403		039GW00502		039GW00503		039GW0060A	
	SAMPLE DATE ----->	06/20/96		04/24/96		06/21/96		04/24/96		06/21/96		07/31/96	
	DATE ANALYZED --->	06/25/96		05/02/96		06/26/96		05/01/96		06/27/96		08/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7287	VAL	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL	L7560	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99900-05-0	m+p Xylene	5.	U	5.	U	5.	U	11.		4.5	J	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-W007-0A		039-G-W008-0A		039-G-W009-0A		039-G-W010-0A		039-G-W011-0A		039-G-W012-0A	
	ORIGINAL ID ----->	039GW0070A		039GW0080A		039GW0090A		039GW0100A		039GW0110A		039GW0120A	
	LAB SAMPLE ID --->	L7560-1		L7560-4		L7570-1		L7570-10		L7586-4		L7570-4	
	ID FROM REPORT -->	039GW0070A		039GW0080A		039GW0090A		039GW0100A		039GW0110A		039GW0120A	
	SAMPLE DATE ----->	07/31/96		07/31/96		08/01/96		08/01/96		08/02/96		08/01/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/12/96		08/14/96		08/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7560	VAL	L7560	VAL	L7570	VAL	L7570	VAL	L7586	VAL	L7570	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
74-83-9	Bromomethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	6.2		5.	U	5.	U	3.9	J
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	13.	UJ	6.1	UJ	19.	U	8.4	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	1.2	J	5.	U	1.1	J	5.	U	1.4	J	2.9	J
75-34-3	1,1-Dichloroethane	5.	U	5.	U	1.5	J	5.	U	5.	U	1.7	J
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	1.6	J	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	6.3	J	10.	U
71-55-6	1,1,1-Trichloroethane	6.	U	5.	U	5.	U	1.1	J	1.	J	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	1.7	J	5.	U	5.	U	72.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	620.	D	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	UJ	20.	UJ	20.	UJ	20.	UJ	20.	U	20.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	2.1	J	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	140.		5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	190.		5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	4.	J
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	39.		5.	U	5.	U	140.	
95-47-6	o-Xylene	5.	U	5.	U	5.	U	5.	U	33.		5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-W007-0A		039-G-W008-0A		039-G-W009-0A		039-G-W010-0A		039-G-W011-0A		039-G-W012-0A	
	ORIGINAL ID ----->	039GW0070A		039GW0080A		039GW0090A		039GW0100A		039GW0110A		039GW0120A	
	LAB SAMPLE ID --->	L7560-1		L7560-4		L7570-1		L7570-10		L7586-4		L7570-4	
	ID FROM REPORT -->	039GW0070A		039GW0080A		039GW0090A		039GW0100A		039GW0110A		039GW0120A	
	SAMPLE DATE ----->	07/31/96		07/31/96		08/01/96		08/01/96		08/02/96		08/01/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/12/96		08/14/96		08/12/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7560	VAL	L7560	VAL	L7570	VAL	L7570	VAL	L7586	VAL	L7570	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
999900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U	380.		5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-W04D-02		039-G-W04D-03		039-G-W08D-0A		039-G-W12D-0A		039-G-W12I-0A	
	ORIGINAL ID ----->	039GW04D02		039GW04D03		039GW08D0A		039GW12D0A		039GW12I0A	
	LAB SAMPLE ID --->	L6916-5		L7294-9		L7633-1		L7586-7		L7586-1	
	ID FROM REPORT -->	039GW04D02		039GW04D03		039GW08D0A		039GW12D0A		039GW12I0A	
	SAMPLE DATE ----->	04/25/96		06/21/96		08/05/96		08/02/96		08/02/96	
	DATE ANALYZED --->	05/01/96		06/26/96		08/14/96		08/14/96		08/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6916	VAL	L7294	VAL	L7633	VAL	L7586	VAL	L7586	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	U
74-83-9	Bromomethane	5.	UJ	5.	U	5.	U	5.	U	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	UJ	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	2.8	J
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	10.		5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	J
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	2.	J
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	10.	
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	110.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	1.3	J
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	1.2	J
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	UJ	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	1.7	J
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	190.	
95-47-6	o-Xylene	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-VOA

SAMPLE ID ------->	039-G-W04D-02	039-G-W04D-03	039-G-W08D-DA	039-G-W12D-0A	039-G-W12I-0A	
ORIGINAL ID ----->	039GW04D02	039GW04D03	039GW08D0A	039GW12D0A	039GW12I0A	
LAB SAMPLE ID --->	L6916-5	L7294-9	L7633-1	L7586-7	L7586-1	
ID FROM REPORT -->	039GW04D02	039GW04D03	039GW08D0A	039GW12D0A	039GW12I0A	
SAMPLE DATE ----->	04/25/96	06/21/96	08/05/96	08/02/96	08/02/96	
DATE ANALYZED --->	05/01/96	06/26/96	08/14/96	08/14/96	08/14/96	
MATRIX ---------->	Water	Water	Water	Water	Water	
UNITS ---------->	UG/L	UG/L	UG/L	UG/L	UG/L	

CAS #	Parameter	L6916	VAL	L7294	VAL	L7633	VAL	L7586	VAL	L7586	VAL	
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	
999900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOC

	SAMPLE ID ------->	039-G-W001-11		039-G-W002-11		039-G-W003-11		039-G-W004-11		039-G-W005-11	
	ORIGINAL ID ----->	039GW00102		039GW00202		039GW00302		039GW00402		039GW00502	
	LAB SAMPLE ID --->	25149.01		25149.02		25149.03		25149.04		25149.05	
	ID FROM REPORT -->	039GW00102		039GW00202		039GW00302		039GW00402		039GW00502	
	SAMPLE DATE ----->	04/03/96		04/03/96		04/03/96		04/03/96		04/03/96	
	DATE ANALYZED --->	04/09/96		04/09/96		04/09/96		04/09/96		04/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	25149	VAL	25149	VAL	25149	VAL	25149	VAL	25149	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	3.	J	1.	J	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UR	10.	UR	10.	UR	10.	UR	10.	UR
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	44.		1.	J	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	36.		5.	U	5.	U	5.	U	71.	
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	7.		1.	J	5.	U
108-88-3	Toluene	2.	J	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	7.		5.	U	5.	U	5.	U	1.	J
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR	
999900-05-0	m+p Xylene	59.		5.	U	5.	U	5.	U	2.	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DS

		SAMPLE ID ------->	039-G-W001-03		039-G-W001-04		039-G-W002-03		039-G-W002-04		039-G-W003-03		039-H-W003-03	
		ORIGINAL ID ----->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
		LAB SAMPLE ID --->	L7287-28		6395-03		L7287-29		6414-03		L7287-30		L7288-9	
		ID FROM REPORT -->	039GW00103		039GW00104		039GW00203		039GW00204		039GW00303		039HW00303	
		SAMPLE DATE ----->	06/20/96		10/07/96		06/20/96		10/08/96		06/20/96		06/20/96	
		DATE EXTRACTED -->	06/24/96		10/14/96		06/24/96		10/14/96		06/24/96		06/24/96	
		DATE ANALYZED --->	06/24/96		10/14/96		06/24/96		10/14/96		06/24/96		06/24/96	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter		L7287I	VAL	6382	VAL	L7287I	VAL	6382	VAL	L7287I	VAL	L7288I	VAL
99900-07-2	Total Dissolved Solids (TDS)		70.		256.		730.		192.		290.	J	580.	J

*** Validati. . Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	039-G-W003-04		039-H-W003-04		039-G-W004-03		039-G-W004-04		039-G-W005-03		039-G-W005-04	
	ORIGINAL ID ----->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	LAB SAMPLE ID --->	6414-04		6414-05		L7294-39		6423-01		L7294-41		6423-03	
	ID FROM REPORT -->	039GW00304		039HW00304		039GW00403		039GW00404		039GW00503		039GW00504	
	SAMPLE DATE ----->	10/08/96		10/08/96		06/21/96		10/09/96		06/21/96		10/09/96	
	DATE EXTRACTED -->	10/14/96				06/24/96		10/14/96		06/24/96		10/14/96	
	DATE ANALYZED --->	10/14/96		10/14/96		06/24/96		10/14/96		06/24/96		10/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6382	VAL	6414	VAL	L7294I	VAL	6382	VAL	L7294I	VAL	6382	VAL
999900-07-2	Total Dissolved Solids (TDS)	210.		214.	U	480.		200.		280.		218.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

		SAMPLE ID ------->	039-G-W006-04		039-G-W007-04		039-G-W008-04		039-G-W008-A2		039-G-W009-04		039-G-W009-A2
		ORIGINAL ID ----->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2
		LAB SAMPLE ID --->	6434-06		6437-01		6437-02		28773.04		6437-03		28773.02
		ID FROM REPORT -->	039GW00604		039GW00704		039GW00804		039GW008A2		039GW00904		039GW009A2
		SAMPLE DATE ----->	10/10/96		10/11/96		10/11/96		03/10/97		10/11/96		03/10/97
		DATE ANALYZED --->	10/14/96		10/14/96		10/14/96		03/13/97		10/14/96		03/13/97
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
CAS #	Parameter		6434	VAL	6434	VAL	6434	VAL	28773	VAL	6434	VAL	28773	VAL
999900-07-2	Total Dissolved Solids (TDS)		916.		744.		1190.		1580.		182.	U	212.

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	039-G-W010-04		039-G-W010-A2		039-H-W010-A2		039-H-W011-04		039-G-W011-04		039-G-W012-04	
	ORIGINAL ID ----->	039GW01004		039GW010A2		039HW010A2		039HW01104		039GW01104		039GW01204	
	LAB SAMPLE ID --->	6437-04		28785.03		28786.01		6450-05		6450-04		6458-03	
	ID FROM REPORT -->	039GW01004		039GW010A2		039HW010A2		039HW01104		039GW01104		039GW01204	
	SAMPLE DATE ----->	10/11/96		03/11/97		03/11/97		10/10/96		10/15/96		10/16/96	
	DATE ANALYZED --->	10/14/96		03/13/97		03/13/97		10/18/96		10/18/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	6434	VAL	28773	VAL	28773	VAL	6414	VAL	6434	VAL	6434	VAL
999900-07-2	Total Dissolved Solids (TDS)	80.	U	96.		88.		136.	U	144.	U	194.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS													
	SAMPLE ID ------->	039-G-W012-A2		039-G-W013-A2		039-G-W04D-03		039-G-W04D-04		039-G-W08D-04		039-G-W08D-A2	
	ORIGINAL ID ----->	039GW012A2		039GW013A2		039GW04D03		039GW04D04		039GW08D04		039GW08DA2	
	LAB SAMPLE ID --->	28809.01		28809.03		L7294-40		6423-02		6450-03		28773.03	
	ID FROM REPORT -->	039GW012A2		039GW013A2		039GW04D03		039GW04D04		039GW08D04		039GW08DA2	
	SAMPLE DATE ----->	03/12/97		03/12/97		06/21/96		10/08/96		10/15/96		03/10/97	
	DATE EXTRACTED -->					06/24/96		10/14/96					
	DATE ANALYZED --->	03/17/97		03/17/97		06/24/96		10/14/96		10/18/96		03/13/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	28773	VAL	28773	VAL	L72941	VAL	6382	VAL	6434	VAL	28773	VAL
999900-07-2	Total Dissolved Solids (TDS)	224.		108.		420.		230.		592.		348.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	039-G-W09D-A2		039-G-W09I-A2		039-G-W10D-A2		039-G-W10I-A2		039-G-W12D-04		039-G-W12D-A2	
	ORIGINAL ID ----->	039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2		039GW12D04		039GW12DA2	
	LAB SAMPLE ID --->	28785.02		28773.01		28785.05		28785.04		6458-05		28809.02	
	ID FROM REPORT -->	039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2		039GW12D04		039GW12DA2	
	SAMPLE DATE ----->	03/11/97		03/10/97		03/11/97		03/11/97		10/16/96		03/12/97	
	DATE ANALYZED --->	03/13/97		03/13/97		03/13/97		03/13/97		10/18/96		03/17/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	28773	VAL	28773	VAL	28773	VAL	28773	VAL	6434	VAL	28773	VAL
999900-07-2	Total Dissolved Solids (TDS)	212.		328.		208.		172.		252.		244.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS	SAMPLE ID ------->	039-G-W12I-04		039-G-W12I-A2		039-G-W13D-A2		039-G-W13I-A2			
	ORIGINAL ID ----->	039GW12I04		039GW12IA2		039GW13DA2		039GW13IA2			
	LAB SAMPLE ID --->	6458-04		28785.01		28809.05		28809.04			
	ID FROM REPORT -->	039GW12I04		039GW12IA2		039GW13DA2		039GW13IA2			
	SAMPLE DATE ----->	10/16/96		03/11/97		03/12/97		03/12/97			
	DATE ANALYZED --->	10/18/96		03/13/97		03/17/97		03/17/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter	6434	VAL	28773	VAL	28773	VAL	28773	VAL		
999900-07-2	Total Dissolved Solids (TDS)	288.		280.		320.		144.			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO

	SAMPLE ID ------->	039-G-W005-04		039-G-W008-A2		039-G-W009-A2		039-G-W010-A2		039-H-W010-A2		039-G-W012-A2	
	ORIGINAL ID ----->	039GW00504		039GW008A2		039GW009A2		039GW010A2		039HW010A2		039GW012A2	
	LAB SAMPLE ID --->	6423-03		28773.04		28773.02		28785.03		28786.01		28809.01	
	ID FROM REPORT -->	039GW00504		039GW008A2		039GW009A2		039GW010A2		039HW010A2		039GW012A2	
	SAMPLE DATE ----->	10/09/96		03/10/97		03/10/97		03/11/97		03/11/97		03/12/97	
	DATE EXTRACTED -->	10/17/96		03/18/97		03/18/97		03/18/97		03/18/97		03/18/97	
	DATE ANALYZED --->	10/18/96		03/18/97		03/18/97		03/19/97		03/19/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL
68334-30-5	Diesel	0.5		25.	U	25.	U	25.	U	25.	U	25.	U
8008-20-6	Kerosene	NR		25.	U	25.	U	25.	U	25.	U	25.	U
999000-35-1	JP-4 C6-C14	NR		25.	U	25.	U	25.	U	25.	U	25.	U
999000-48-6	NAPHTHA C6-C12	NR		25.	U	25.	U	25.	U	25.	U	25.	U
68553-00-4	Fuel oil no. 6	NR		25.	U	25.	U	25.	U	25.	U	25.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO

	SAMPLE ID ------->	039-G-W013-A2		039-G-W08D-A2		039-G-W09D-A2		039-G-W09I-A2		039-G-W10D-A2		039-G-W10I-A2	
	ORIGINAL ID ----->	039GW013A2		039GW08DA2		039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2	
	LAB SAMPLE ID --->	28809.03		28773.03		28785.02		28773.01		28785.05		28785.04	
	ID FROM REPORT -->	039GW013A2		039GW08DA2		039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2	
	SAMPLE DATE ----->	03/12/97		03/10/97		03/11/97		03/10/97		03/11/97		03/11/97	
	DATE EXTRACTED -->	03/18/97		03/18/97		03/18/97		03/18/97		03/18/97		03/18/97	
	DATE ANALYZED --->	03/19/97		03/18/97		03/19/97		03/18/97		03/19/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL
68334-30-5	Diesel	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
8008-20-6	Kerosene	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
999000-35-1	JP-4 C6-C14	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
999000-48-6	NAPHTHA C6-C12	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
68553-00-4	Fuel oil no. 6	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-DRO									
	SAMPLE ID ------->	039-G-W12D-A2		039-G-W12I-A2		039-G-W13D-A2		039-G-W13I-A2	
	ORIGINAL ID ----->	039GW12DA2		039GW12IA2		039GW13DA2		039GW13IA2	
	LAB SAMPLE ID --->	28809.02		28785.01		28809.05		28809.04	
	ID FROM REPORT -->	039GW12DA2		039GW12IA2		039GW13DA2		039GW13IA2	
	SAMPLE DATE ----->	03/12/97		03/11/97		03/12/97		03/12/97	
	DATE EXTRACTED -->	03/18/97		03/18/97		03/18/97		03/18/97	
	DATE ANALYZED --->	03/19/97		03/19/97		03/19/97		03/19/97	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	28773	VAL	28773	VAL	28773	VAL
68334-30-5	Diesel	25.	U	25.	U	25.	U	25.	U
8008-20-6	Kerosene	25.	U	25.	U	25.	U	25.	U
999000-35-1	JP-4 C6-C14	25.	U	25.	U	25.	U	25.	U
999000-48-6	NAPHTHA C6-C12	25.	U	25.	U	25.	U	25.	U
68553-00-4	Fuel oil no. 6	25.	U	25.	U	25.	U	25.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO							
	SAMPLE ID ------->	039-G-W005-04	039-G-W008-A2	039-G-W009-A2	039-G-W010-A2	039-H-W010-A2	039-G-W012-A2
	ORIGINAL ID ----->	039GW00504	039GW008A2	039GW009A2	039GW010A2	039HW010A2	039GW012A2
	LAB SAMPLE ID --->	6423-03	28773.04	28773.02	28785.03	28786.01	28809.01
	ID FROM REPORT -->	039GW00504	039GW008A2	039GW009A2	039GW010A2	039HW010A2	039GW012A2
	SAMPLE DATE ----->	10/09/96	03/10/97	03/10/97	03/11/97	03/11/97	03/12/97
	DATE EXTRACTED -->	10/17/96					
	DATE ANALYZED --->	10/18/96	03/12/97	03/12/97	03/17/97	03/17/97	03/17/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	MG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CAS #	Parameter	6382 VAL	28773 VAL	28773 VAL	28773 VAL	28773 VAL	28773 VAL
86290-81-5	Gasoline	3.5	10. U	6.3 J	10. U	10. U	8.1 J

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TPH-GRO													
		SAMPLE ID ------->	039-G-W013-A2		039-G-W08D-A2		039-G-W09D-A2		039-G-W09I-A2		039-G-W10D-A2		039-G-W10I-A2
		ORIGINAL ID ----->	039GW013A2		039GW08DA2		039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2
		LAB SAMPLE ID --->	28809.03		28773.03		28785.02		28773.01		28785.05		28785.04
		ID FROM REPORT -->	039GW013A2		039GW08DA2		039GW09DA2		039GW09IA2		039GW10DA2		039GW10IA2
		SAMPLE DATE ----->	03/12/97		03/10/97		03/11/97		03/10/97		03/11/97		03/11/97
		DATE ANALYZED --->	03/17/97		03/12/97		03/17/97		03/12/97		03/17/97		03/17/97
		MATRIX ---------->	Water		Water		Water		Water		Water		Water
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L
CAS #	Parameter		28773	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL	28773	VAL
86290-81-5	Gasoline		10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH-GRO							
	SAMPLE ID ------->	039-G-W12D-A2	039-G-W12I-A2	039-G-W13D-A2	039-G-W13I-A2		
	ORIGINAL ID ----->	039GW12DA2	039GW12IA2	039GW13DA2	039GW13IA2		
	LAB SAMPLE ID --->	28809.02	28785.01	28809.05	28809.04		
	ID FROM REPORT -->	039GW12DA2	039GW12IA2	039GW13DA2	039GW13IA2		
	SAMPLE DATE ----->	03/12/97	03/11/97	03/12/97	03/12/97		
	DATE ANALYZED --->	03/17/97	03/17/97	03/17/97	03/17/97		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	UG/L	UG/L	UG/L	UG/L		
CAS #	Parameter	28773 VAL	28773 VAL	28773 VAL	28773 VAL		
86290-81-5	Gasoline	10. U	10. U	10. U	10. U		

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W006-05		039-G-W006-06		039-G-W007-05		039-G-W007-06		039-G-W008-05		039-G-W008-06	
	ORIGINAL ID ----->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
	LAB SAMPLE ID --->	29956.01		31345.02		30011.01		31345.13		29993.01		31345.03	
	ID FROM REPORT -->	039GW00605		039GW00606		039GW00705		039GW00706		039GW00805		039GW00806	
	SAMPLE DATE ----->	07/07/97		10/04/97		07/09/97		10/05/97		07/08/97		10/04/97	
	DATE ANALYZED --->	07/09/97		10/11/97		07/11/97		10/11/97		07/10/97		10/11/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29956	VAL	31345	VAL	29956	VAL	31345	VAL	29956	VAL	31345	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	UJ
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	UJ	10.	U	10.	UJ	10.	UJ	10.	UJ
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	UJ	10.	U	10.	UJ	10.	UJ	10.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	3.	J	4.	J	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OA

	SAMPLE ID ------->	039-G-W008-A2		039-G-W009-05		039-G-W009-06		039-G-W009-A2		039-G-W010-05		039-H-W010-05	
	ORIGINAL ID ----->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005	
	LAB SAMPLE ID --->	28773.04		30011.02		31345.05		28773.02		30036.01		30036.02	
	ID FROM REPORT -->	039GW008A2		039GW00905		039GW00906		039GW009A2		039GW01005		039HW01005	
	SAMPLE DATE ----->	03/10/97		07/09/97		10/04/97		03/10/97		07/10/97		07/10/97	
	DATE ANALYZED --->	03/12/97		07/11/97		10/11/97		03/12/97		07/14/97		07/14/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	29956	VAL	31345	VAL	28773	VAL	29956	VAL	29956	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	J	9.	J	5.	J	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	44.		38.		28.		5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	1.	J	2.	J	2.	J	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	U	10.	U	10.	UR	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validatic.. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	039-G-W010-06		039-H-W010-06		039-G-W010-A2		039-G-W011-05		039-G-W011-06		039-G-W012-05	
	ORIGINAL ID ----->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	LAB SAMPLE ID --->	31345.08		31345.09		28785.03		30507.01		31345.14		30052.01	
	ID FROM REPORT -->	039GW01006		039HW01006		039GW010A2		039GW01105		039GW01106		039GW01205	
	SAMPLE DATE ----->	10/04/97		10/04/97		03/11/97		08/06/97		10/05/97		07/11/97	
	DATE ANALYZED --->	10/11/97		10/11/97		03/13/97		08/11/97		10/11/97		07/14/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	28773	VAL	30486	VAL	31345	VAL	29956	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	2.	J	10.	U
74-83-9	Bromomethane	10.	UJ	10.	UJ	10.	U	10.	U	10.	UJ	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	UJ	10.	UJ	10.	U	10.	U	10.	UJ	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	UJ	10.	UJ	10.	U	24.	UJ	16.	UJ	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	3.	J
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	160.	
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	UJ	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UJ	10.	UJ	10.	U	10.	U	10.	UJ	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	94.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	140.		150.		5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	UJ	10.	UR	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	10.		11.		5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	160.		140.		5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	560.	D	380.		5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OA													
	SAMPLE ID ------->	039-G-W012-06		039-G-W012-A2		039-G-W013-01		039-G-W013-05		039-G-W013-06		039-G-W013-A2	
	ORIGINAL ID ----->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2	
	LAB SAMPLE ID --->	31302.07		28809.01		28435.01		30090.01		31345.15		28809.03	
	ID FROM REPORT -->	039GW01206		039GW012A2		039GW01301		039GW01305		039GW01306		039GW013A2	
	SAMPLE DATE ----->	10/03/97		03/12/97		02/07/97		07/14/97		10/05/97		03/12/97	
	DATE ANALYZED --->	10/06/97		03/14/97		02/11/97		07/16/97		10/11/97		03/14/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302	VAL	28773	VAL	28417	VAL	30090	VAL	31345	VAL	28773	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-01-4	Vinyl chloride	2.	J	4.	J	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	26.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	UJ	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	2.	J	3.	J	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	120.		170.		32.		26.		22.		34.	
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UJ	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	90.		110.		6.		4.	J	3.	J	7.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	UJ
75-25-2	Bromoform	5.	U	5.	UJ	5.	U	5.	U	5.	U	5.	UJ
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	25.		19.		9.		30.	
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W014-01		039-G-W014-05		039-G-W014-06		039-G-W015-01		039-G-W015-05		039-H-W015-05	
	ORIGINAL ID ----->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
	LAB SAMPLE ID --->	28417.01		30118.01		31345.18		28417.03		30118.03		30118.04	
	ID FROM REPORT -->	039GW01401		039GW01405		039GW01406		039GW01501		039GW01505		039HW01505	
	SAMPLE DATE ----->	02/06/97		07/15/97		10/05/97		02/06/97		07/15/97		07/15/97	
	DATE ANALYZED --->	02/11/97		07/18/97		10/11/97		02/10/97		07/18/97		07/18/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28417	VAL	30090	VAL	31345	VAL	28417	VAL	30090	VAL	30090	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.		5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.		10.	U	10.	UJ	12.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	UJ	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	8.		6.		3.	J	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	UJ	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OA													
	SAMPLE ID ------->	039-G-W015-06		039-H-W015-06		039-G-W041-05		039-G-W041-06		039-G-W041-A1		039-G-W08D-05	
	ORIGINAL ID ----->	039GW01506		039HW01506		039GW04105		039GW04106		039GW041A1		039GW08D05	
	LAB SAMPLE ID --->	31345.20		31345.21		30486.01		31345.01		27150.05		29993.02	
	ID FROM REPORT -->	039GW01506		039HW01506		039GW04105		039GW04106		039GW041A1		039GW08D05	
	SAMPLE DATE ----->	10/05/97		10/05/97		08/05/97		10/04/97		09/29/96		07/08/97	
	DATE ANALYZED --->	10/11/97		10/11/97		08/07/97		10/11/97		10/03/96		07/10/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	31345	VAL	30486	VAL	31345	VAL	27136	VAL	29956	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	8.		5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	1.	J	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	UJ
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	UR	10.	U	10.	U	10.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	UJ	10.	U	10.	UJ	10.	U	10.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	UJ
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	2.	J	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W08D-06		039-G-W08D-A2		039-G-W09D-05		039-G-W09D-06		039-G-W09D-A1		039-G-W09D-A2	
	ORIGINAL ID ----->	039GW08D06		039GW08DA2		039GW09D05		039GW09D06		039GW09DA1		039GW09DA2	
	LAB SAMPLE ID --->	31345.04		28773.03		30011.04		31345.07		27150.03		28785.02	
	ID FROM REPORT -->	039GW08D06		039GW08DA2		039GW09D05		039GW09D06		039GW09DA1		039GW09DA2	
	SAMPLE DATE ----->	10/04/97		03/10/97		07/09/97		10/04/97		09/28/96		03/11/97	
	DATE ANALYZED --->	10/11/97		03/12/97		07/11/97		10/11/97		10/02/96		03/13/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31345	VAL	28773	VAL	29956	VAL	31345	VAL	27136	VAL	28773	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	3.	J	5.	U
67-64-1	Acetone	10.	UJ	10.	U	10.	U	10.	UJ	11.	B	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	18.	J	10.	U	10.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	UR	10.	U	10.	U	10.	U	10.	UJ
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	4.	J	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DA

	SAMPLE ID ------->	039-G-W09I-05		039-G-W09I-06		039-G-W09I-A1		039-G-W09I-A2		039-G-W10D-05		039-G-W10D-06	
	ORIGINAL ID ----->	039GW09I05		039GW09I06		039GW09IA1		039GW09IA2		039GW10D05		039GW10D06	
	LAB SAMPLE ID --->	30011.03		31345.06		27150.04		28773.01		30036.04		31345.11	
	ID FROM REPORT -->	039GW09I05		039GW09I06		039GW09IA1		039GW09IA2		039GW10D05		039GW10D06	
	SAMPLE DATE ----->	07/09/97		10/04/97		09/28/96		03/10/97		07/10/97		10/04/97	
	DATE ANALYZED --->	07/11/97		10/11/97		10/02/96		03/12/97		07/14/97		10/11/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29956	VAL	31345	VAL	27136	VAL	28773	VAL	29956	VAL	31345	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	UJ
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	3.	J
75-00-3	Chloroethane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	UJ
75-09-2	Methylene chloride	5.	U	5.	U	4.	J	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	UJ	9.	JB	10.	U	10.	UJ	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.		6.		2.	J	4.	J	12.		11.	
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	UJ
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	UR	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	.UJ	10.	U	10.	U	10.	U	10.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	6.		5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W10D-A1		039-G-W10D-A2		039-G-W10D-B1		039-G-W10I-05		039-G-W10I-06		039-G-W10I-A1	
	ORIGINAL ID ----->	039GW10DA1		039GW10DA2		039GW10DB1		039GW10I05		039GW10I06		039GW10IA1	
	LAB SAMPLE ID --->	27150.02		28785.05		27015.01		30036.03		31345.10		27150.01	
	ID FROM REPORT -->	039GW10DA1		039GW10DA2		039GW10DB1		039GW10I05		039GW10I06		039GW10IA1	
	SAMPLE DATE ----->	09/28/96		03/11/97		09/19/96		07/10/97		10/04/97		09/28/96	
	DATE ANALYZED --->	10/03/96		03/13/97		09/23/96		07/14/97		10/11/97		10/03/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27136	VAL	28773	VAL	26960	VAL	29956	VAL	31345	VAL	27136	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	UJ	10.	U	10.	UJ	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	8.	J	6.	J	8.	J
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	UJ	10.	UJ	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	6.		8.		5.	U	44.		29.		60.	
67-66-3	Chloroform	5.	U	5.	U	8.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	UJ	10.	U	10.	UJ	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	UJ	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	4.	J
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DA	SAMPLE ID ------->	039-G-W10I-A2		039-G-W10I-B1		039-G-W12D-05		039-G-W12D-06		039-G-W12D-A2		039-G-W12I-05	
	ORIGINAL ID ----->	039GW10IA2		039GW10IB1		039GW12D05		039GW12D06		039GW12DA2		039GW12I05	
	LAB SAMPLE ID --->	28785.04		27015.03		30052.03		31302.05		28809.02		30052.02	
	ID FROM REPORT -->	039GW10IA2		039GW10IB1		039GW12D05		039GW12D06		039GW12DA2		039GW12I05	
	SAMPLE DATE ----->	03/11/97		09/19/96		07/11/97		10/03/97		03/12/97		07/11/97	
	DATE ANALYZED --->	03/13/97		09/23/96		07/14/97		10/06/97		03/14/97		07/14/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	28773	VAL	26960	VAL	29956	VAL	31302	VAL	28773	VAL	29956	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	7.	J	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	UJ	10.	UJ	10.	U	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	42.		5.	U	5.	U	5.	U	5.	U	330.	D
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	110.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	1.	J
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UJ	10.	UJ	10.	U	10.	U	10.	UJ	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-W12I-06		039-G-W12I-A2		039-G-W13D-05		039-G-W13D-06		039-G-W13D-A1		039-G-W13D-A2	
	ORIGINAL ID ----->	039GW12I06		039GW12IA2		039GW13D05		039GW13D06		039GW13DA1		039GW13DA2	
	LAB SAMPLE ID --->	31302.01		28785.01		30090.03		31345.17		27150.07		28809.05	
	ID FROM REPORT -->	039GW12I06		039GW12IA2		039GW13D05		039GW13D06		039GW13DA1		039GW13DA2	
	SAMPLE DATE ----->	10/03/97		03/11/97		07/14/97		10/05/97		09/29/96		03/12/97	
	DATE ANALYZED --->	10/06/97		03/13/97		07/16/97		10/11/97		10/02/96		03/14/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31302	VAL	28773	VAL	30090	VAL	31345	VAL	27136	VAL	28773	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-01-4	Vinyl chloride	2.	J	10.	U	8.	J	7.	J	10.	U	7.	J
75-00-3	Chloroethane	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	3.	J	5.	U
67-64-1	Acetone	10.	UJ	10.	U	10.	U	10.	UJ	6.	JB	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	6.		4.	J	4.	J	4.	J	1.	J	3.	J
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	3.	J	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	320.	D	140.	D	180.		160.		59.		180.	
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	3.	J	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UJ	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	120.		100.		84.		70.		45.		79.	
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	1.	J	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	54.		43.		19.		48.	
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DA

	SAMPLE ID ------->	039-G-W13I-05		039-G-W13I-06		039-G-W13I-A1		039-G-W13I-A2		039-G-W14D-01		039-G-W14D-05	
	ORIGINAL ID ----->	039GW13I05		039GW13I06		039GW13IA1		039GW13IA2		039GW14D01		039GW14D05	
	LAB SAMPLE ID --->	30090.02		31345.16		27150.06		28809.04		28417.02		30118.02	
	ID FROM REPORT -->	039GW13I05		039GW13I06		039GW13IA1		039GW13IA2		039GW14D01		039GW14D05	
	SAMPLE DATE ----->	07/14/97		10/05/97		09/29/96		03/12/97		02/06/97		07/15/97	
	DATE ANALYZED --->	07/16/97		10/11/97		10/02/96		03/14/97		02/10/97		07/18/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	30090	VAL	31345	VAL	27136	VAL	28773	VAL	28417	VAL	30090	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	J	9.	J	8.	J	7.	J	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	3.	J	2.	J	2.	J	2.	J	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	2.	J	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	140.		88.		82.		120.		5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	43.		22.		20.		41.		5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	UJ	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	UJ	5.	UJ	5.	U
591-78-6	2-Hexanone	10.	U	10.	UJ	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	110.		100.		64.		85.		5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OA											
	SAMPLE ID ------->	039-G-W14D-06		039-G-W15D-01		039-G-W15D-05		039-G-W15D-06			
	ORIGINAL ID ----->	039GW14D06		039GW15D01		039GW15D05		039GW15D06			
	LAB SAMPLE ID --->	31345.19		28417.04		30118.05		31345.22			
	ID FROM REPORT -->	039GW14D06		039GW15D01		039GW15D05		039GW15D06			
	SAMPLE DATE ----->	10/05/97		02/06/97		07/15/97		10/05/97			
	DATE ANALYZED --->	10/11/97		02/10/97		07/18/97		10/11/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31345	VAL	28417	VAL	30090	VAL	31345	VAL		
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U		
74-83-9	Bromomethane	10.	UJ	10.	U	10.	U	10.	UJ		
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U		
75-00-3	Chloroethane	10.	UJ	10.	U	10.	U	10.	UJ		
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U		
67-64-1	Acetone	10.	UJ	10.	U	10.	U	10.	UJ		
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U		
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U		
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U		
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U		
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U		
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U		
78-93-3	2-Butanone (MEK)	10.	UJ	10.	U	10.	U	10.	UJ		
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U		
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U		
108-05-4	Vinyl acetate	10.	UJ	10.	U	10.	U	10.	UJ		
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U		
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U		
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U		
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U		
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U		
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U		
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U		
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U		
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U		
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U		
75-25-2	Bromoform	5.	U	5.	UJ	5.	U	5.	U		
591-78-6	2-Hexanone	10.	UJ	10.	U	10.	U	10.	UJ		
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U		
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U		
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U		
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U		
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U		
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U		
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-G-P007-LH		039-S-P009-LH		039-G-P009-LH		039-S-P011-LH		039-S-P015-LH		039-G-P015-LH	
	ORIGINAL ID ----->	039GP007LH		039SP009LH		039GP009LH		039SP011LH		039SP015LH		039GP015LH	
	LAB SAMPLE ID --->	L7263-1		L7263-11		L7263-4		L7263-9		L7278-16		L7278-7	
	ID FROM REPORT -->	039GP007LH		039SP009LH		039GP009LH		039SP011LH		039SP015LH		039GP015LH	
	SAMPLE DATE ----->	06/18/96		06/18/96		06/18/96		06/18/96		06/19/96		06/19/96	
	DATE ANALYZED --->	06/20/96		06/24/96		06/20/96		06/24/96		06/24/96		06/21/96	
	MATRIX ---------->	Water		Soil		Water		Soil		Soil		Water	
	UNITS ---------->	UG/L		UG/KG		UG/L		UG/KG		UG/KG		UG/L	
CAS #	Parameter	L7263	VAL	L7263	VAL	L7263	VAL	L7263	VAL	L7278	VAL	L7278	VAL
74-87-3	Chloromethane	5.	UJ	6.1	U	5.	UJ	5.9	U	5.8	U	5.	U
75-01-4	Vinyl chloride	5.	U	6.1	U	13.		5.9	U	5.8	U	6.8	
74-83-9	Bromomethane	5.	UJ	6.1	UJ	5.	UJ	5.9	UJ	5.8	UJ	5.	UJ
75-00-3	Chloroethane	5.	UJ	6.1	U	5.	UJ	5.9	U	5.8	U	5.	UJ
75-69-4	Trichlorofluoromethane	5.	UJ	6.1	UJ	5.	UJ	5.9	UJ	5.8	UJ	5.	U
67-64-1	Acetone	10.	U	960.	D	10.	U	3500.	D	4.1	J	10.	U
75-35-4	1,1-Dichloroethene	5.	UJ	6.1	U	16.		5.9	U	5.8	U	6.7	
75-15-0	Carbon disulfide	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
75-09-2	Methylene chloride	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	6.1	U	7.5		5.9	U	5.8	U	4.2	J
108-05-4	Vinyl acetate	10.	U	12.	U	10.	U	12.	U	12.	U	10.	U
75-34-3	1,1-Dichloroethane	5.	U	6.1	U	16.		5.9	U	5.8	U	6.7	
78-93-3	2-Butanone (MEK)	10.	U	12.	U	10.	U	12.	U	12.	U	10.	U
156-59-2	cis-1,2-Dichloroethene	3.7	J	1.5	J	620.	D	5.9	U	5.8	U	240.	D
67-66-3	Chloroform	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
71-43-2	Benzene	5.	UJ	6.1	U	8.6		5.9	U	5.8	U	1.3	J
79-01-6	Trichloroethene	5.	UJ	6.1	U	200.	D	5.9	U	5.8	U	91.	
78-87-5	1,2-Dichloropropane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
75-27-4	Bromodichloromethane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	24.	U	20.	U	24.	U	23.	U	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	UJ	12.	UJ	10.	UJ	12.	UJ	12.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
108-88-3	Toluene	3.5	J	6.1	U	2.2	J	5.9	U	5.8	U	1.8	J
0061-02-6	trans-1,3-Dichloropropene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
591-78-6	2-Hexanone	10.	U	12.	U	10.	U	12.	U	12.	U	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
127-18-4	Tetrachloroethene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
124-48-1	Dibromochloromethane	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
108-90-7	Chlorobenzene	5.	UJ	6.1	U	5.	U	5.9	U	5.8	U	5.	U
100-41-4	Ethylbenzene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
100-42-5	Styrene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
75-25-2	Bromoform	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-VOA	SAMPLE ID ------->	039-G-P007-LH		039-S-P009-LH		039-G-P009-LH		039-S-P011-LH		039-S-P015-LH		039-G-P015-LH	
	ORIGINAL ID ----->	039GP007LH		039SP009LH		039GP009LH		039SP011LH		039SP015LH		039GP015LH	
	LAB SAMPLE ID --->	L7263-1		L7263-11		L7263-4		L7263-9		L7278-16		L7278-7	
	ID FROM REPORT -->	039GP007LH		039SP009LH		039GP009LH		039SP011LH		039SP015LH		039GP015LH	
	SAMPLE DATE ----->	06/18/96		06/18/96		06/18/96		06/18/96		06/19/96		06/19/96	
	DATE ANALYZED --->	06/20/96		06/24/96		06/20/96		06/24/96		06/24/96		06/21/96	
	MATRIX ---------->	Water		Soil		Water		Soil		Soil		Water	
	UNITS ---------->	UG/L		UG/KG		UG/L		UG/KG		UG/KG		UG/L	
CAS #	Parameter	L7263	VAL	L7263	VAL	L7263	VAL	L7263	VAL	L7278	VAL	L7278	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	UJ	6.1	U	1.	J	5.9	U	5.8	U	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	6.1	U	5.	U	5.9	U	5.8	U	5.	U
99900-05-0	m+p Xylene	2.5	J	6.1	U	5.	U	5.9	U	5.8	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	039-S-P018-LH		039-G-P018-LH		039-S-P019-LH		039-G-P019-LH			
	ORIGINAL ID ----->	039SP018LH		039GP018LH		039SP019LH		039GP019LH			
	LAB SAMPLE ID --->	L7287-37		L7287-41		L7287-39		L7287-44			
	ID FROM REPORT -->	039SP018LH		039GP018LH		039SP019LH		039GP019LH			
	SAMPLE DATE ----->	06/20/96		06/20/96		06/20/96		06/20/96			
	DATE ANALYZED --->	06/24/96		06/26/96		06/24/96		06/26/96			
	MATRIX ---------->	Soil		Water		Soil		Water			
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/L			
CAS #	Parameter	L7287	VAL	L7287	VAL	L7287	VAL	L7287	VAL		
74-87-3	Chloromethane	6.	U	5.	U	5.8	U	5.	U		
74-83-9	Bromomethane	6.	UJ	5.	UJ	5.8	UJ	5.	UJ		
75-01-4	Vinyl chloride	6.	U	5.	U	5.8	U	5.	U		
75-00-3	Chloroethane	6.	U	5.	U	5.8	U	5.	U		
75-09-2	Methylene chloride	6.	U	5.	U	5.8	U	5.	U		
67-64-1	Acetone	30.		6.5	J	40.		6.3	J		
75-15-0	Carbon disulfide	6.	U	5.	U	5.8	U	5.	U		
75-35-4	1,1-Dichloroethene	6.	U	5.	U	5.8	U	5.	U		
75-34-3	1,1-Dichloroethane	6.	U	5.	U	5.8	U	5.	U		
67-66-3	Chloroform	6.	U	5.	U	5.8	U	5.	U		
107-06-2	1,2-Dichloroethane	6.	U	5.	U	5.8	U	5.	U		
78-93-3	2-Butanone (MEK)	12.	U	10.	U	3.3	J	10.	U		
71-55-6	1,1,1-Trichloroethane	6.	U	5.	U	5.8	U	5.	U		
56-23-5	Carbon tetrachloride	6.	U	5.	U	5.8	U	5.	U		
108-05-4	Vinyl acetate	12.	U	10.	U	12.	U	10.	U		
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	5.	U	5.8	U	5.	U		
75-27-4	Bromodichloromethane	6.	U	5.	U	5.8	U	5.	U		
78-87-5	1,2-Dichloropropane	6.	U	5.	U	5.8	U	5.	U		
10061-02-6	trans-1,3-Dichloropropene	6.	U	5.	U	5.8	U	5.	U		
79-01-6	Trichloroethene	6.	U	5.	U	5.8	U	5.	U		
124-48-1	Dibromochloromethane	6.	U	5.	U	5.8	U	5.	U		
79-00-5	1,1,2-Trichloroethane	6.	U	5.	U	5.8	U	5.	U		
71-43-2	Benzene	6.	U	5.	U	5.8	U	5.	U		
10061-01-5	cis-1,3-Dichloropropene	6.	U	5.	U	5.8	U	5.	U		
110-75-8	2-Chloroethyl vinyl ether	24.	U	20.	U	23.	U	20.	U		
75-25-2	Bromoform	6.	U	5.	U	5.8	U	5.	U		
591-78-6	2-Hexanone	12.	U	10.	U	12.	U	10.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	UJ	10.	U	12.	UJ	10.	U		
127-18-4	Tetrachloroethene	6.	U	5.	U	5.8	U	5.	U		
108-88-3	Toluene	6.	U	2.	J	5.8	U	1.8	J		
108-90-7	Chlorobenzene	6.	U	5.	U	5.8	U	5.	U		
100-41-4	Ethylbenzene	6.	U	5.	U	5.8	U	5.	U		
100-42-5	Styrene	6.	U	5.	U	5.8	U	5.	U		
75-69-4	Trichlorofluoromethane	6.	UJ	5.	U	5.8	UJ	5.	U		
156-60-5	trans-1,2-Dichloroethene	6.	U	5.	U	5.8	U	5.	U		
156-59-2	cis-1,2-Dichloroethene	6.	U	5.	U	5.8	U	5.	U		
95-47-6	o-Xylene	6.	U	5.	U	5.8	U	5.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

B46-VOA											
	SAMPLE ID ------->	039-S-P018-LH		039-G-P018-LH		039-S-P019-LH		039-G-P019-LH			
	ORIGINAL ID ----->	039SP018LH		039GP018LH		039SP019LH		039GP019LH			
	LAB SAMPLE ID --->	L7287-37		L7287-41		L7287-39		L7287-44			
	ID FROM REPORT -->	039SP018LH		039GP018LH		039SP019LH		039GP019LH			
	SAMPLE DATE ----->	06/20/96		06/20/96		06/20/96		06/20/96			
	DATE ANALYZED --->	06/24/96		06/26/96		06/24/96		06/26/96			
	MATRIX ---------->	Soil		Water		Soil		Water			
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/L			
CAS #	Parameter	L7287	VAL	L7287	VAL	L7287	VAL	L7287	VAL		
541-73-1	1,3-Dichlorobenzene	6.	U	5.	U	5.8	U	5.	U		
106-46-7	1,4-Dichlorobenzene	6.	U	5.	U	5.8	U	5.	U		
95-50-1	1,2-Dichlorobenzene	6.	U	5.	U	5.8	U	5.	U		
99900-05-0	m+p Xylene	6.	U	5.	U	5.8	U	5.	U		
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR			
1330-20-7	Xylene (Total)	NR		NR		NR		NR			

*** Validation Complete ***

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\039SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	3:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	3:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	268440	50.9	50.00	101.88
Toluene-d8	23.07	666730	50.5	50.00	101.04
4-Bromofluorobenzene	32.33	182113	45.5	50.00	91.04

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\039SP00201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	4:01
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	4:01
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	277784	51.0	50.00	101.98
Toluene-d8	23.08	664530	48.7	50.00	97.42
4-Bromofluorobenzene	32.33	155536	48.9	50.00	97.84

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\039SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	8:30
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	8:30
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	283790	47.6	50.00	95.26
Toluene-d8	23.06	702968	48.4	50.00	96.70
4-Bromofluorobenzene	32.32	168094	47.0	50.00	94.06

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Sample Name:	**NBCA\039SP00401**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	0:11
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene	19.39	25516	**3.2 ug/kg**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene	25.42	228365	**21.4 ug/kg**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00401**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	0:11
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.96	303133	46.7	50.00	93.42
Toluene-d8	23.06	811841	50.7	50.00	101.40
4-Bromofluorobenzene	32.32	191809	52.2	50.00	104.30

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Sample Name:	**NBCA\039SP00501**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	10:30
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene	14.92	23489	**12.6 ug/kg**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00501**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	10:30
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.96	264822	46.0	50.00	92.04
Toluene-d8	23.07	767736	47.9	50.00	95.78
4-Bromofluorobenzene	32.32	146264	48.8	50.00	97.64

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Sample Name:	**NBCA\039SP00601**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	7:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene	14.91	151011	**17.5 ug/kg**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene	19.41	26717	**3.3 ug/kg**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00601**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	7:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	305598	47.0	50.00	93.90
Toluene-d8	23.06	807354	49.6	50.00	99.22
4-Bromofluorobenzene	32.32	211147	46.1	50.00	92.14

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Sample Name:	**NBCA\039SP00701**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	10:26
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP00701**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	10:26
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.93	149343	43.3	50.00	86.60
Toluene-d8	23.06	413984	53.6	50.00	107.20
4-Bromofluorobenzene	32.33	110444	48.8	50.00	97.54

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Sample Name:	**NBCA\039SP00801**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	3:31
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene	19.43	720134	**123.0 ug/kg ****	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene	28.33	638096	**121.0 ug/kg ****	2 ug/kg

Sample Name:	**NBCA\039SP00801**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	3:31
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene	28.58	525286	**276.0 ug/kg ****	4 ug/kg
o-Xylene	30.12	71475	**10.1 ug/kg**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene	31.32	74269	**10.4 ug/kg**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene	32.73	98298	**27.7 ug/kg**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene	33.28	84147	**14.0 ug/kg**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene	34.74	417670	**71.3 ug/kg**	2 ug/kg
sec-Butylbenzene	35.34	95931	**18.9 ug/kg**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene	35.83	420248	**93.0 ug/kg**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene	37.33	209602	**34.4 ug/kg**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene	45.34	113974	**127.0 ug/kg ****	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

** Indicates estimated concentration. Calibration range exceeded

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.00	205865	46.1	50.00	92.14
Toluene-d8	23.09	518094	55.1	50.00	110.12
4-Bromofluorobenzene	32.31	124686	49.3	50.00	98.56

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Sample Name:	**NBCA\039SP00901**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	2:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene	14.89	389158	**67.0 ug/kg**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene	17.68	92782	**4.9 ug/kg**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene	19.36	4562207	**907.0 ug/kg ****	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene	23.31	434004	**56.2 ug/kg**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene	25.41	136905	**22.0 ug/kg**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene	28.33	9156296	**1174.0 ug/kg ****	2 ug/kg

Sample Name:	**NBCA\039SP00901**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	2:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene	28.59	3131097	**1359.0 ug/kg ****	4 ug/kg
o-Xylene	30.12	653658	**253.0 ug/kg ****	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene	31.32	913445	**209.0 ug/kg ****	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene	32.75	1199014	**314.0 ug/kg ****	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene	33.31	1862694	**580.0 ug/kg ****	2 ug/kg
tert-Butylbenzene	34.59	49074	**25.8 ug/kg**	2 ug/kg
1,2,4-Trimethylbenzene	34.76	2660082	**727.0 ug/kg ****	2 ug/kg
sec-Butylbenzene	35.35	428354	**118.0 ug/kg ****	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene	35.85	2586542	**805.0 ug/kg ****	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene	37.34	544979	**125.0 ug/kg ****	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene	45.33	79563	**47.6 ug/kg**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

** Indicates estimated concentration. Calibration range exceeded

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.94	213017	48.7	50.00	97.46
Toluene-d8	23.05	557528	55.3	50.00	110.64
4-Bromofluorobenzene	32.30	129235	46.9	50.00	93.70

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Sample Name:	**NBCA\039SP01001**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	9:21
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01001**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	9:21
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.00	164424	46.3	50.00	92.56
Toluene-d8	23.08	411631	45.6	50.00	91.24
4-Bromofluorobenzene	32.33	103079	45.5	50.00	91.00

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Sample Name:	**NBCA\039SP01101**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	5:27
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01101**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	5:27
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.02	207927	52.9	50.00	105.78
Toluene-d8	23.11	621237	50.4	50.00	100.84
4-Bromofluorobenzene	32.33	105746	46.9	50.00	93.88

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Sample Name:	**NBCA\039SP01201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	22:38
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	22:38
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene	31.32	231845	**30.5 ug/kg**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene	32.74	287219	**43.6 ug/kg**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene	34.59	27836	**6.3 ug/kg**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene	35.35	220403	**36.4 ug/kg**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene	37.34	127910	**19.3 ug/kg**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene	45.34	57483	**23.4 ug/kg**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.93	260867	50.3	50.00	100.58
Toluene-d8	23.05	660357	53.6	50.00	107.12
4-Bromofluorobenzene	32.31	120939	53.6	50.00	107.28

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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\039SP01301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	23:37
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01401**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	0:36
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	203277	49.8	50.00	99.58
Toluene-d8	23.08	609411	50.8	50.00	101.60
4-Bromofluorobenzene	32.32	152958	47.9	50.00	95.82

Analytical Mobile Services
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Hilton Head Island, SC 29926
Telephone: (803) 342-2177
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Sample Name:	**NBCA\039SP01501**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	7:22
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01801**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	8:20
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.98	214586	49.7	50.00	99.32
Toluene-d8	23.10	534261	46.1	50.00	92.14
4-Bromofluorobenzene	32.31	148878	46.7	50.00	93.30

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Sample Name:	**NBCA\039SP01901**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	4:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01901**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	4:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	175229	53.6	50.00	107.20
Toluene-d8	23.07	477502	53.5	50.00	106.94
4-Bromofluorobenzene	32.32	92704	53.7	50.00	107.36

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Sample Name:	**NBCA\039SP02001**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	1:08
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP02001**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	1:08
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene	45.37	2710247	**570.0 ug/kg ****	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

** Indicates estimated concentration. Calibration level exceeded

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	301686	46.6	50.00	93.14
Toluene-d8	23.07	800485	52.1	50.00	104.22
4-Bromofluorobenzene	32.32	211581	51.8	50.00	103.62

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Sample Name:	**NBCA\039SP02101**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	1:35
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP02101**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	1:35
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.94	241710	48.9	50.00	97.88
Toluene-d8	23.04	556932	47.0	50.00	93.96
4-Bromofluorobenzene	32.30	112708	55.4	50.00	110.86

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Sample Name:	**NBCA\039GP01202 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	21:16
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01202 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	21:16
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.95	353738	54.7	50.00	109.42
Toluene-d8	23.07	799008	47.2	50.00	94.46
4-Bromofluorobenzene	32.32	175825	53.3	50.00	106.52

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Sample Name:	**NBCA\039GW004P1 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	20:17
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW004P1 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	20:17
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.96	333920	54.1	50.00	108.20
Toluene-d8	23.07	770608	45.4	50.00	90.78
4-Bromofluorobenzene	32.31	191044	52.0	50.00	104.04

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Sample Name:	**NBCA\039GP00805 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	23:13
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	10.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	50 ug/L
Chloromethane			**Not Detected**	50 ug/L
Vinyl chloride	6.00	19299	**48 ug/L ****	50 ug/L
Bromomethane			**Not Detected**	50 ug/L
Chloroethane			**Not Detected**	50 ug/L
Trichlorofluoromethane			**Not Detected**	50 ug/L
1,1-Dichloroethene			**Not Detected**	20 ug/L
Methylene chloride			**Not Detected**	20 ug/L
trans-1,2-Dichloroethene			**Not Detected**	20 ug/L
1,1-Dichloroethane			**Not Detected**	20 ug/L
2,2-Dichloropropane			**Not Detected**	20 ug/L
cis-1,2-Dichloroethene	14.90	320066	**363 ug/L**	20 ug/L
Bromochloromethane			**Not Detected**	20 ug/L
Chloroform			**Not Detected**	20 ug/L
1,1,1-Trichloroethane			**Not Detected**	20 ug/L
Carbon tetrachloride			**Not Detected**	20 ug/L
1,1-Dichloropropene			**Not Detected**	20 ug/L
Benzene			**Not Detected**	20 ug/L
1,2-Dichloroethane			**Not Detected**	20 ug/L
Trichloroethene			**Not Detected**	20 ug/L
1,2-Dichloropropane			**Not Detected**	20 ug/L
Dibromomethane			**Not Detected**	20 ug/L
Bromodichloromethane			**Not Detected**	20 ug/L
cis-1,3-Dichloropropene			**Not Detected**	20 ug/L
Toluene			**Not Detected**	20 ug/L
trans-1,3-Dichloropropene			**Not Detected**	20 ug/L
1,1,2-Trichloroethane			**Not Detected**	20 ug/L
Tetrachloroethene			**Not Detected**	20 ug/L
1,3-Dichloropropane			**Not Detected**	20 ug/L
Dibromochloromethane			**Not Detected**	20 ug/L
1,2-Dibromoethane			**Not Detected**	20 ug/L
Chlorobenzene			**Not Detected**	20 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	20 ug/L
Ethylbenzene			**Not Detected**	20 ug/L

Sample Name:	**NBCA\039GP00805 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	23:13
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	10.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	40 ug/L
o-Xylene			**Not Detected**	20 ug/L
Styrene			**Not Detected**	20 ug/L
Bromoform			**Not Detected**	20 ug/L
Isopropylbenzene			**Not Detected**	20 ug/L
Bromobenzene			**Not Detected**	20 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	20 ug/L
1,2,3-Trichloropropane			**Not Detected**	20 ug/L
n-Propylbenzene			**Not Detected**	20 ug/L
2-Chlorotoluene			**Not Detected**	20 ug/L
4-Chlorotoluene			**Not Detected**	20 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	20 ug/L
tert-Butylbenzene			**Not Detected**	20 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	20 ug/L
sec-Butylbenzene			**Not Detected**	20 ug/L
1,3-Dichlorobenzene			**Not Detected**	20 ug/L
4-Isopropyltoluene			**Not Detected**	20 ug/L
1,4-Dichlorobenzene			**Not Detected**	20 ug/L
1,2-Dichlorobenzene			**Not Detected**	20 ug/L
n-Butylbenzene			**Not Detected**	20 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	20 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	20 ug/L
Hexachlorobutadiene			**Not Detected**	20 ug/L
Naphthalene	45.33	73108	**170 ug/L**	20 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	20 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.95	346290	52.1	50.00	104.26
Toluene-d8	23.06	846531	45.9	50.00	91.86
4-Bromofluorobenzene	32.30	212329	52.4	50.00	104.82

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Sample Name:	**NBCA\039SP02001 - Duplicate**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	20:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP02001 - Duplicate**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	20:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene	45.53	2024956	**415.0 ug/kg ****	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

** Indicates estimated concentration. Calibration level exceeded

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.12	311262	52.6	50.00	105.18
Toluene-d8	23.23	894405	55.4	50.00	110.78
4-Bromofluorobenzene	32.48	217041	51.4	50.00	102.88

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Sample Name:	**NBCA\039SP01601 - Duplicate**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	19:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\039SP01601 - Duplicate**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	19:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.14	315067	55.4	50.00	110.80
Toluene-d8	23.24	767867	51.6	50.00	103.16
4-Bromofluorobenzene	32.50	251005	49.9	50.00	99.74

Analytical Mobile Services
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Sample Name:	**NBCA\039GP00107**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	11:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.75	37336	**5.0 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.37	43947	**4.7 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00107**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	11:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.85	390586	53.6	50.00	107.28
Toluene-d8	24.11	1054950	51.3	50.00	102.58
4-Bromofluorobenzene	33.42	256690	47.7	50.00	95.44

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Sample Name:	**NBCA\039GP00207**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	12:37
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride	6.15	70230	**29.0 ug/L**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.76	253881	**38.0 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.38	45383	**5.3 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	26.49	14840	**1.9 ug/L ****	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00207**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	12:37
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.86	351360	53.1	50.00	106.16
Toluene-d8	24.11	964705	51.0	50.00	102.02
4-Bromofluorobenzene	33.41	229732	44.6	50.00	89.12

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Sample Name:	**NBCA\039GP00309**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	13:47
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00309**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	13:47
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.85	380725	50.4	50.00	100.74
Toluene-d8	24.11	1060500	52.6	50.00	105.10
4-Bromofluorobenzene	33.41	260554	47.7	50.00	95.42

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Sample Name:	**NBCA\039GP00405**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	14:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.73	12294	**1.8 ug/L ****	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.38	28843	**3.5 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	26.48	509745	**57.0 ug/L**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00405**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	14:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene	35.85	18319	**2.4 ug/L**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.84	338874	51.2	50.00	102.34
Toluene-d8	24.11	937230	51.7	50.00	103.38
4-Bromofluorobenzene	33.42	227584	50.2	50.00	100.42

Analytical Mobile Services

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Sample Name:	**NBCA\039GP00505**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	18:20
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride	6.11	30903	**18.3 ug/L**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane	14.04	141946	**18.7 ug/L**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.79	581482	**124.0 ug/L ****	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene	18.66	177915	**9.6 ug/L**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00505**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	18:20
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration. Calibration range exceeded.

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.88	234144	50.9	50.00	101.82
Toluene-d8	24.13	641271	49.2	50.00	98.30
4-Bromofluorobenzene	33.44	149349	46.0	50.00	91.92

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Sample Name:	**NBCA\039GP00609**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	20:54
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride	6.11	35719	**16.4 ug/L**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.77	793887	**132.2 ug/L ****	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.39	88135	**12.7 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene	24.39	70566	**3.0 ug/L**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	26.49	27554	**3.5 ug/L**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00609**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	20:54
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane	33.14	9553	**4.4 ug/L**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene	35.86	18647	**2.4 ug/L**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration. Calibration range exceeded.

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.87	293222	49.8	50.00	99.64
Toluene-d8	24.12	793810	51.4	50.00	102.88
4-Bromofluorobenzene	33.43	211631	46.0	50.00	92.08

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Sample Name:	**NBCA\039GP00705**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	17:12
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.77	24293	**3.3 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00805**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	11:18
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	10.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	40 ug/L
o-Xylene			**Not Detected**	20 ug/L
Styrene			**Not Detected**	20 ug/L
Bromoform			**Not Detected**	20 ug/L
Isopropylbenzene			**Not Detected**	20 ug/L
Bromobenzene			**Not Detected**	20 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	20 ug/L
1,2,3-Trichloropropane			**Not Detected**	20 ug/L
n-Propylbenzene			**Not Detected**	20 ug/L
2-Chlorotoluene			**Not Detected**	20 ug/L
4-Chlorotoluene			**Not Detected**	20 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	20 ug/L
tert-Butylbenzene			**Not Detected**	20 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	20 ug/L
sec-Butylbenzene			**Not Detected**	20 ug/L
1,3-Dichlorobenzene			**Not Detected**	20 ug/L
4-Isopropyltoluene			**Not Detected**	20 ug/L
1,4-Dichlorobenzene			**Not Detected**	20 ug/L
1,2-Dichlorobenzene			**Not Detected**	20 ug/L
n-Butylbenzene			**Not Detected**	20 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	20 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	20 ug/L
Hexachlorobutadiene			**Not Detected**	20 ug/L
Naphthalene	46.48	253821	**451 ug/L**	20 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	20 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.87	353157	49.4	50.00	98.70
Toluene-d8	24.13	887459	50.6	50.00	101.12
4-Bromofluorobenzene	33.43	238450	47.8	50.00	95.54

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Sample Name:	**NBCA\039GP00907**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	21:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride	6.14	28604	**12.2 ug/L**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene	12.77	34484	**5.8 ug/L**	2 ug/L
1,1-Dichloroethane	14.02	123016	**12.0 ug/L**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.77	3234958	**508.9 ug/L ****	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene	18.63	145207	**4.5 ug/L**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.38	1165455	**141.1 ug/L ****	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP00907**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	21:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene	35.86	18647	**2.4 ug/L**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration. Calibration range exceeded.

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.86	326410	52.4	50.00	104.82
Toluene-d8	24.11	949532	51.9	50.00	103.86
4-Bromofluorobenzene	33.42	244146	46.7	50.00	93.34

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Sample Name:	**NBCA\039GP01012**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	22:58
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.78	250725	**35.3 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.39	18692	**2.3 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01012**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	22:58
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene	35.87	12930	**1.9 ug/L ****	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration.

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.87	353587	50.8	50.00	101.58
Toluene-d8	24.11	950768	52.9	50.00	105.78
4-Bromofluorobenzene	33.42	249380	52.6	50.00	105.18

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Sample Name:	**NBCA\039GP01106**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	16:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.75	42945	**6.3 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.38	78699	**9.2 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	26.48	11195	**1.5 ug/L ****	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01106**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	16:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene	35.85	18283	**2.3 ug/L**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.85	362314	54.2	50.00	108.30
Toluene-d8	24.11	949214	49.8	50.00	99.56
4-Bromofluorobenzene	33.42	229221	47.1	50.00	94.24

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Sample Name:	**NBCA\039GP01202**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	0:50
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01202**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	0:50
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	339865	55.0	50.00	110.08
Toluene-d8	24.18	747266	49.8	50.00	99.68
4-Bromofluorobenzene	33.45	176685	51.1	50.00	102.20

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Sample Name:	**NBCA\039GP01309**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	11:02
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01309**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	11:02
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.93	373907	45.3	50.00	90.50
Toluene-d8	23.07	986870	50.9	50.00	101.88
4-Bromofluorobenzene	32.34	260894	54.8	50.00	109.52

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Sample Name:	**NBCA\039GP01409**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	23:45
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01409**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	23:45
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	358034	52.7	50.00	105.32
Toluene-d8	24.17	794330	50.0	50.00	100.06
4-Bromofluorobenzene	33.45	182681	47.6	50.00	95.22

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Sample Name:	**NBCA\039GP01508**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	10:07
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.26	277677	**41 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	19.80	114656	**19 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01508**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	10:07
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.32	232256	45.3	50.00	90.52
Toluene-d8	23.49	635677	53.0	50.00	105.92
4-Bromofluorobenzene	32.76	191362	53.2	50.00	106.48

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Sample Name:	**NBCA\039GP01612**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	9:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01612**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	9:04
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.69	509388	53.5	50.00	106.98
Toluene-d8	23.94	1092783	46.2	50.00	92.42
4-Bromofluorobenzene	33.21	216136	45.8	50.00	91.60

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Sample Name:	**NBCA\039GP01712**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	13:51
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	14.89	238365	**26 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	19.41	54405	**6.0 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	25.43	260272	**23 ug/L**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01712**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	13:51
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.95	336538	49.2	50.00	98.48
Toluene-d8	23.08	840957	46.4	50.00	92.76
4-Bromofluorobenzene	32.34	216645	50.9	50.00	101.76

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Sample Name:	**NBCA\039GP01808**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	12:40
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01808**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	12:40
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.96	375982	50.2	50.00	100.40
Toluene-d8	23.07	977492	52.1	50.00	104.28
4-Bromofluorobenzene	32.34	331142	54.4	50.00	108.74

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Sample Name:	**NBCA\039GP01912**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	17:14
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	25.45	18797	**1.6 ug/L ****	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP01912**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	17:14
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.03	392805	53.0	50.00	106.08
Toluene-d8	23.11	881062	45.1	50.00	90.26
4-Bromofluorobenzene	32.33	226749	53.7	50.00	107.42

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Sample Name:	**NBCA\039GP02012**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	15:25
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP02012**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	15:25
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.02	389789	52.0	50.00	104.04
Toluene-d8	23.12	886003	45.1	50.00	90.20
4-Bromofluorobenzene	32.32	227885	53.6	50.00	107.12

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Sample Name:	**NBCA\039GP02116**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	16:23
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GP02116**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	16:23
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	393326	47.7	50.00	95.40
Toluene-d8	23.09	990521	48.9	50.00	97.72
4-Bromofluorobenzene	32.32	245445	49.9	50.00	99.84

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Sample Name:	**NBCA\039GW001P1**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	23:59
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.76	18440	**2.9 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene	18.64	449597	**24.2 ug/L**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene	29.41	93555	**3.0 ug/L**	2 ug/L

Sample Name:	**NBCA\039GW001P1**	**Analysis Date:**	6/18/96
Sample Matrix:	Water	**Analysis Time:**	23:59
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene	29.65	228191	**68.0 ug/L**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene	32.42	72096	**6.8 ug/L**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene	33.86	50044	**4.2 ug/L**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene	36.47	30499	**3.5 ug/L**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene	38.48	25159	**3.1 ug/L**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.86	299682	48.7	50.00	97.46
Toluene-d8	24.11	810464	54.6	50.00	109.12
4-Bromofluorobenzene	33.42	189986	50.5	50.00	101.00

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Sample Name:	**NBCA\039GW002P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	7:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW002P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	7:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.85	268215	50.8	50.00	101.60
Toluene-d8	24.11	808248	54.5	50.00	109.00
4-Bromofluorobenzene	33.43	187150	45.3	50.00	90.52

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Sample Name:	**NBCA\039GW003P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	8:32
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.78	71432	**12.9 ug/L**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene	20.40	475857	**68.1 ug/L**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene	26.51	93586	**13.2 ug/L**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW003P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	8:32
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.87	282517	51.9	50.00	103.86
Toluene-d8	24.13	714405	45.8	50.00	91.54
4-Bromofluorobenzene	33.43	188656	47.3	50.00	94.58

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Sample Name:	**NBCA\039GW004P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	12:35
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene	15.80	12582	**1.4 ug/L ****	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW004P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	12:35
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.88	357840	52.5	50.00	104.94
Toluene-d8	24.14	847818	48.1	50.00	96.18
4-Bromofluorobenzene	33.44	222772	46.7	50.00	93.42

Analytical Mobile Services
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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\039GW04DP1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	13:57
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW04DP1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	13:57
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.86	344919	49.5	50.00	98.92
Toluene-d8	24.13	847987	50.8	50.00	101.56
4-Bromofluorobenzene	33.44	230948	49.1	50.00	98.22

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Sample Name:	**NBCA\039GW005P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	15:12
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene	18.59	2023201	**92 ug/L**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\039GW005P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	15:12
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene	32.47	165640	**8.0 ug/L**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene	33.90	124667	**4.6 ug/L**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene	38.52	40650	**3.2 ug/L**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene	46.52	875703	**174 ug/L ****	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

** Indicates estimated concentration. Calibration range exceeded.

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.79	344919	50.6	50.00	101.28
Toluene-d8	24.11	854675	53.4	50.00	106.74
4-Bromofluorobenzene	33.47	340824	52.4	50.00	104.74

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Sample Name:	**NBCA\002GW004P1**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	1:53
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\002GW004P1**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	1:53
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	324635	51.6	50.00	103.24
Toluene-d8	24.16	736994	49.3	50.00	98.58
4-Bromofluorobenzene	33.44	173958	53.9	50.00	107.76

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Sample Name:	**NBCA\002GW006P1**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	2:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\002GW006P1**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	2:56
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	314253	52.3	50.00	104.52
Toluene-d8	24.15	714067	52.0	50.00	103.90
4-Bromofluorobenzene	33.44	169468	47.2	50.00	94.42

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	039-G-P022-11		039-G-P022-23		039-G-P023-12		039-G-P023-26		039-G-P024-12		039-G-P024-26	
	ORIGINAL ID ----->	039GP02211		039GP02223		039GP02312		039GP02326		039GP02412		039GP02426	
	LAB SAMPLE ID --->	27110.01		27110.02		27081.03		27081.04		27081.01		27081.02	
	ID FROM REPORT -->	039GP02211		039GP02223		039GP02312		039GP02326		039GP02412		039GP02426	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/25/96		09/25/96		09/25/96		09/25/96	
	DATE ANALYZED --->	09/30/96		09/30/96		09/30/96		09/30/96		09/30/96		09/30/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	26960	VAL	26960	VAL	26960	VAL	26960	VAL	26960	VAL	26960	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	16.	UJ	17.	UJ	13.	UJ	13.	UJ	10.	UJ	12.	UJ
67-64-1	Acetone	19.	U	14.	U	10.	U	10.	U	10.	UJ	10.	U
75-15-0	Carbon disulfide	5.	U	1.	J	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	8.	U	5.	U	5.	U	6.	U
107-06-2	1,2-Dichloroethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.		5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	UR	10.	UR	10.	UR	10.	UR	10.	UR
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-P031-27		039-G-P033-11		039-G-P033-25					
	ORIGINAL ID ----->	039GP03127		039GP03311		039GP03325					
	LAB SAMPLE ID --->	27110.05		27110.03		27110.04					
	ID FROM REPORT -->	039GP03127		039GP03311		039GP03325					
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96					
	DATE ANALYZED --->	09/30/96		09/30/96		09/30/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	26960	VAL	26960	VAL	26960	VAL				
74-87-3	Chloromethane	10.	U	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U	10.	U				
75-09-2	Methylene chloride	16.	UJ	17.	UJ	16.	UJ				
67-64-1	Acetone	10.	U	10.	U	12.	U				
75-15-0	Carbon disulfide	5.	U	5.	U	1.	J				
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	UJ	5.	UJ	5.	UJ				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	UJ	5.	UJ	5.	UJ				
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U				
79-01-6	Trichloroethene	5.	U	5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	UJ	5.	UJ	5.	UJ				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U				
75-25-2	Bromoform	5.	UJ	5.	UJ	5.	UJ				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U				
591-78-6	2-Hexanone	10.	U	10.	U	10.	U				
127-18-4	Tetrachloroethene	5.	UJ	5.	UJ	5.	UJ				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U				
108-88-3	Toluene	5.	U	5.	U	5.	U				
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U	5.	U				
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U				
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	UR	10.	UR				
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U				

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	039-G-P025-10		039-G-P025-20		039-G-P026-11		039-G-P027-11		039-G-P029-10		039-G-P032-11	
	ORIGINAL ID ----->	039GP02510		039GP02520		039GP02611		039GP02711		039GP02910		039GP03211	
	LAB SAMPLE ID --->	27136.07		27136.08		27150.09		27136.06		27150.10		27136.05	
	ID FROM REPORT -->	039GP02510		039GP02520		039GP02611		039GP02711		039GP02910		039GP03211	
	SAMPLE DATE ----->	09/27/96		09/27/96		09/30/96		09/27/96		09/30/96		09/27/96	
	DATE ANALYZED --->	10/02/96		10/04/96		10/02/96		10/02/96		10/02/96		10/02/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27136	VAL	27136	VAL	27136	VAL	27136	VAL	27136	VAL	27136	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	6.	B	5.	U	3.	J	14.	B	5.	U	6.	B
67-64-1	Acetone	6.	JB	14.		16.	B	10.	JB	16.	B	8.	JB
75-15-0	Carbon disulfide	28.		24.		5.	U	5.	U	5.	U	3.	J
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	3.	J	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	4.	J	3.	J	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	1.	J	5.	U	5.	U	1.	J	2.	J	2.	J
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	10.		8.		5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OA															
	SAMPLE ID ------->	039-G-P034-11		039-G-P035-11		039-G-P035-30		039-G-P036-11		039-G-P037-11		039-G-P037-19	
	ORIGINAL ID ----->	039GP03411		039GP03511		039GP03530		039GP03611		039GP03711		039GP03719	
	LAB SAMPLE ID --->	27136.04		27136.01		27136.02		27136.03		27150.11		27150.12	
	ID FROM REPORT -->	039GP03411		039GP03511		039GP03530		039GP03611		039GP03711		039GP03719	
	SAMPLE DATE ----->	09/27/96		09/27/96		09/27/96		09/27/96		09/30/96		09/30/96	
	DATE ANALYZED --->	10/02/96		10/02/96		10/02/96		10/02/96		10/02/96		10/03/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27136	VAL	27136	VAL	27136	VAL	27136	VAL	27136	VAL	27136	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	6.	B	13.	B	5.	U	6.	B	5.	U	5.	U
67-64-1	Acetone	12.	B	11.	B	10.	U	6.	JB	10.	JB	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	2.	J	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-VOA								
	SAMPLE ID ------->	039-N-0005-01		039-R-0005-01				
	ORIGINAL ID ----->	039N000501		039R000501				
	LAB SAMPLE ID --->	28317.01		28317.02				
	ID FROM REPORT -->	039N000501		039R000501				
	SAMPLE DATE ----->	01/28/97		01/28/97				
	DATE ANALYZED --->	02/05/97		01/30/97				
	MATRIX ---------->	Sediment		Water				
	UNITS ---------->	UG/KG		UG/L				
CAS #	Parameter	28316	VAL	28316	VAL			
74-87-3	Chloromethane	11.	U	10.	U			
75-01-4	Vinyl chloride	11.	U	10.	U			
74-83-9	Bromomethane	11.	UJ	10.	U			
75-00-3	Chloroethane	11.	UJ	10.	U			
75-69-4	Trichlorofluoromethane	5.	U	5.	U			
67-64-1	Acetone	10.	U	10.	U			
75-35-4	1,1-Dichloroethene	5.	U	5.	U			
75-15-0	Carbon disulfide	5.	U	5.	U			
75-09-2	Methylene chloride	5.	U	5.	U			
108-05-4	Vinyl acetate	11.	U	10.	U			
75-34-3	1,1-Dichloroethane	5.	U	5.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ			
67-66-3	Chloroform	5.	U	5.	U			
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U			
56-23-5	Carbon tetrachloride	5.	U	5.	U			
107-06-2	1,2-Dichloroethane	5.	U	5.	U			
71-43-2	Benzene	5.	U	5.	U			
79-01-6	Trichloroethene	5.	U	5.	U			
78-87-5	1,2-Dichloropropane	5.	U	5.	U			
75-27-4	Bromodichloromethane	5.	U	5.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U			
108-88-3	Toluene	5.	U	5.	U			
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U			
591-78-6	2-Hexanone	11.	U	10.	U			
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U			
127-18-4	Tetrachloroethene	5.	U	5.	U			
124-48-1	Dibromochloromethane	5.	U	5.	U			
108-90-7	Chlorobenzene	5.	U	5.	U			
100-41-4	Ethylbenzene	5.	U	5.	U			
1330-20-7	Xylene (Total)	5.	U	5.	U			
100-42-5	Styrene	5.	U	5.	U			
75-25-2	Bromoform	5.	U	5.	U			
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U			
75-05-8	Acetonitrile	210.	UR	200.	UR			
107-02-8	Acrolein	53.	UR	50.	U			
107-13-1	Acrylonitrile	53.	U	50.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-VOA

	SAMPLE ID ------->	039-N-0005-01		039-R-0005-01					
	ORIGINAL ID ----->	039N000501		039R000501					
	LAB SAMPLE ID --->	28317.01		28317.02					
	ID FROM REPORT -->	039N000501		039R000501					
	SAMPLE DATE ----->	01/28/97		01/28/97					
	DATE ANALYZED --->	02/05/97		01/30/97					
	MATRIX ---------->	Sediment		Water					
	UNITS ---------->	UG/KG		UG/L					
CAS #	Parameter	28316	VAL	28316	VAL				
107-05-1	3-Chloropropene	5.	U	5.	U				
106-93-4	1, 2-Dibromoethane	5.	U	5.	U				
74-95-3	Methylene bromide	11.	U	10.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U	10.	U				
110-57-6	trans-1,4-Dichloro-2-butene	5.	U	5.	UR				
75-71-8	Dichlorodifluoromethane	5.	UJ	5.	UJ				
123-91-1	1,4-Dioxane	530.	UR	500.	UR				
107-12-0	Propionitrile	110.	U	100.	U				
97-63-2	Ethyl methacrylate	5.	U	5.	U				
74-88-4	Methyl iodide	5.	U	5.	U				
78-83-1	Isobutyl alcohol	210.	UR	200.	UR				
126-98-7	Methacrylonitrile	110.	U	100.	U				
80-62-6	Methyl methacrylate	5.	U	5.	U				
630-20-6	1,1,1,2-Tetrachloroethane	5.	U	5.	U				
96-18-4	1,2,3-Trichloropropane	5.	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	11.	UR	10.	U				
126-99-8	Chloroprene	5.	U	5.	U				
76-01-7	Pentachloroethane	5.	U	5.	U				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846 VOA

	SAMPLE ID ------->	039-M-0001-01 RE		039-W-0001-01		039-M-0002-01		039-W-0002-01		039-M-0003-01		039-W-0003-01	
	ORIGINAL ID ----->	039M000101		039W000101		039M000201		039W000201		039M000301		039W000301	
	LAB SAMPLE ID --->	28316.10		28316.09		28316.12		28316.11		28316.14		28316.13	
	ID FROM REPORT -->	039M000101		039W000101		039M000201		039W000201		039M000301		039W000301	
	SAMPLE DATE ----->	01/28/97		01/28/97		01/28/97		01/28/97		01/28/97		01/28/97	
	DATE ANALYZED --->	02/05/97		01/31/97		02/05/97		01/31/97		02/05/97		01/31/97	
	MATRIX ---------->	Sediment		Water		Sediment		Water		Sediment		Water	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/L		UG/KG		UG/L	
CAS #	Parameter	28316	VAL	28316	VAL	28316	VAL	28316	VAL	28316	VAL	28316	VAL
74-87-3	Chloromethane	20.	UJ	10.	U	16.	U	10.	U	37.	U	10.	U
75-01-4	Vinyl chloride	20.	UJ	10.	U	16.	U	10.	U	37.	U	10.	U
74-83-9	Bromomethane	20.	UJ	10.	U	16.	UJ	10.	U	37.	UJ	10.	U
75-00-3	Chloroethane	20.	UJ	10.	U	16.	UJ	10.	U	37.	UJ	10.	U
67-64-1	Acetone	34.	UJ	10.	U	52.	UJ	10.	U	77.	UJ	10.	U
75-35-4	1,1-Dichloroethene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
75-15-0	Carbon disulfide	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
75-09-2	Methylene chloride	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
108-05-4	Vinyl acetate	20.	UJ	10.	UJ	16.	U	10.	UJ	37.	U	10.	UJ
75-34-3	1,1-Dichloroethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
78-93-3	2-Butanone (MEK)	20.	UJ	10.	U	19.	U	10.	U	22.	U	10.	U
67-66-3	Chloroform	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
71-55-6	1,1,1-Trichloroethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
56-23-5	Carbon tetrachloride	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
107-06-2	1,2-Dichloroethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
71-43-2	Benzene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
79-01-6	Trichloroethene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
78-87-5	1,2-Dichloropropane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
75-27-4	Bromodichloromethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	UR	10.	U	16.	UR	10.	U	37.	UR	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	20.	UJ	10.	U	16.	UJ	10.	U	37.	UJ	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
108-88-3	Toluene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
591-78-6	2-Hexanone	20.	UJ	10.	U	16.	UJ	10.	U	37.	UJ	10.	U
79-00-5	1,1,2-Trichloroethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
127-18-4	Tetrachloroethene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
124-48-1	Dibromochloromethane	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
108-90-7	Chlorobenzene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
100-41-4	Ethylbenzene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
1330-20-7	Xylene (Total)	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
100-42-5	Styrene	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U
75-25-2	Bromoform	10.	UJ	5.	U	8.	UJ	5.	U	18.	UJ	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	UJ	5.	U	8.	UJ	5.	U	18.	UJ	5.	U
540-59-0	1,2-Dichloroethene (total)	10.	UJ	5.	U	8.	U	5.	U	18.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846 VOA											
	SAMPLE ID ------->	039-M-0004-01		039-W-0004-01		039-M-0005-01		039-W-0005-01			
	ORIGINAL ID ----->	039M000401		039W000401		039M000501		039W000501			
	LAB SAMPLE ID --->	28316.16		28316.15		28316.17		28316.18			
	ID FROM REPORT -->	039M000401		039W000401		039M000501		039W000501			
	SAMPLE DATE ----->	01/28/97		01/28/97		01/28/97		01/28/97			
	DATE ANALYZED --->	01/30/97		01/31/97		01/30/97		01/31/97			
	MATRIX ---------->	Sediment		Water		Sediment		Water			
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/L			
CAS #	Parameter	28316	VAL	28316	VAL	28316	VAL	28316	VAL		
74-87-3	Chloromethane	21.	U	10.	U	13.	U	10.	U		
75-01-4	Vinyl chloride	21.	U	10.	U	13.	U	10.	U		
74-83-9	Bromomethane	21.	UJ	10.	U	13.	UJ	10.	U		
75-00-3	Chloroethane	21.	UJ	10.	U	13.	UJ	10.	U		
67-64-1	Acetone	110.	U	10.	U	40.	U	10.	U		
75-35-4	1,1-Dichloroethene	10.	U	5.	U	6.	UJ	5.	U		
75-15-0	Carbon disulfide	10.	U	5.	U	6.	U	5.	U		
75-09-2	Methylene chloride	86.		5.	U	55.		5.	U		
108-05-4	Vinyl acetate	21.	U	10.	UJ	13.	U	10.	UJ		
75-34-3	1,1-Dichloroethane	10.	U	5.	U	6.	U	5.	U		
78-93-3	2-Butanone (MEK)	10.	U	10.	U	13.	U	10.	U		
67-66-3	Chloroform	10.	U	5.	U	6.	U	5.	U		
71-55-6	1,1,1-Trichloroethane	10.	U	5.	U	6.	U	5.	U		
56-23-5	Carbon tetrachloride	10.	U	5.	U	6.	U	5.	U		
107-06-2	1,2-Dichloroethane	10.	U	5.	U	6.	U	5.	U		
71-43-2	Benzene	10.	U	5.	U	6.	U	5.	U		
79-01-6	Trichloroethene	10.	U	5.	U	6.	U	5.	U		
78-87-5	1,2-Dichloropropane	10.	U	5.	U	6.	U	5.	U		
75-27-4	Bromodichloromethane	10.	U	5.	U	6.	U	5.	U		
110-75-8	2-Chloroethyl vinyl ether	21.	UR	10.	U	13.	UR	10.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	21.	U	10.	U	13.	U	10.	U		
10061-01-5	cis-1,3-Dichloropropene	10.	U	5.	U	6.	U	5.	U		
108-88-3	Toluene	10.	U	5.	U	6.	U	5.	U		
10061-02-6	trans-1,3-Dichloropropene	10.	U	5.	U	6.	U	5.	U		
591-78-6	2-Hexanone	21.	U	10.	U	13.	U	10.	U		
79-00-5	1,1,2-Trichloroethane	10.	U	5.	U	6.	U	5.	U		
127-18-4	Tetrachloroethene	10.	U	5.	U	6.	U	5.	U		
124-48-1	Dibromochloromethane	10.	U	5.	U	6.	U	5.	U		
108-90-7	Chlorobenzene	10.	U	5.	U	6.	U	5.	U		
100-41-4	Ethylbenzene	10.	U	5.	U	6.	U	5.	U		
1330-20-7	Xylene (Total)	10.	U	5.	U	6.	U	5.	U		
100-42-5	Styrene	10.	U	5.	U	6.	U	5.	U		
75-25-2	Bromoform	10.	U	5.	U	6.	U	5.	U		
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	5.	U	6.	U	5.	U		
540-59-0	1,2-Dichloroethene (total)	10.	U	5.	U	6.	U	5.	U		

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->	042-C-B004-01		042-C-B009-02		042-C-B023-01		505-C-B019-01		
ORIGINAL ID ----->	042CB00401		042CB00902		042CB02301		505CB01901		
LAB SAMPLE ID --->	L5552-5		L5552-6		L7277-1		L7277-2		
ID FROM REPORT -->	042CB00401		042CB00902		042CB02301		505CB01901		
SAMPLE DATE ----->	10/06/95		10/06/95		06/19/96		06/19/96		
DATE EXTRACTED -->	10/17/95		10/17/95		06/26/96		06/26/96		
DATE ANALYZED --->	10/28/95		10/28/95		07/11/96		07/11/96		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	L5552	VAL	L5552	VAL	L7277	VAL	L7277	VAL	
108-95-2 Phenol	730.	U	790.	U	710.	U	730.	U	
111-44-4 bis(2-Chloroethyl)ether	730.	U	790.	U	710.	U	730.	U	
95-57-8 2-Chlorophenol	730.	U	790.	U	710.	U	730.	U	
100-51-6 Benzyl alcohol	1400.	U	1500.	U	1400.	U	1400.	U	
95-48-7 2-Methylphenol (o-Cresol)	730.	U	790.	U	710.	U	730.	U	
39638-32-9 Bis(2-Chloroisopropyl)Ether	730.	U	790.	U	710.	U	730.	U	
621-64-7 N-Nitroso-di-n-propylamine	730.	U	790.	U	710.	U	730.	U	
67-72-1 Hexachloroethane	730.	U	790.	U	710.	U	730.	U	
98-95-3 Nitrobenzene	730.	U	790.	U	710.	U	730.	U	
78-59-1 Isophorone	730.	U	790.	U	710.	U	730.	U	
88-75-5 2-Nitrophenol	730.	U	790.	U	710.	U	730.	U	
105-67-9 2,4-Dimethylphenol	730.	U	790.	U	710.	U	730.	U	
111-91-1 bis(2-Chloroethoxy)methane	730.	U	790.	U	710.	U	730.	U	
120-83-2 2,4-Dichlorophenol	730.	U	790.	U	710.	U	730.	U	
91-20-3 Naphthalene	730.	U	790.	U	710.	U	730.	U	
106-47-8 4-Chloroaniline	1400.	U	1500.	U	1400.	U	1400.	U	
87-68-3 Hexachlorobutadiene	730.	U	790.	U	710.	U	730.	U	
59-50-7 4-Chloro-3-methylphenol	1400.	U	1500.	U	1400.	U	1400.	U	
91-57-6 2-Methylnaphthalene	730.	U	790.	U	710.	U	730.	U	
77-47-4 Hexachlorocyclopentadiene	730.	U	790.	U	710.	U	730.	U	
88-06-2 2,4,6-Trichlorophenol	730.	U	790.	U	710.	U	730.	U	
95-95-4 2,4,5-Trichlorophenol	730.	U	790.	U	710.	U	730.	U	
91-58-7 2-Chloronaphthalene	730.	U	790.	U	710.	U	730.	U	
88-74-4 2-Nitroaniline	3600.	U	3900.	U	3500.	U	3700.	U	
131-11-3 Dimethyl phthalate	730.	U	790.	U	710.	U	730.	U	
208-96-8 Acenaphthylene	730.	U	790.	U	710.	U	730.	U	
606-20-2 2,6-Dinitrotoluene	730.	U	790.	U	710.	U	730.	U	
99-09-2 3-Nitroaniline	3600.	U	3900.	U	3500.	U	3700.	U	
83-32-9 Acenaphthene	730.	U	790.	U	710.	U	730.	U	
51-28-5 2,4-Dinitrophenol	3600.	U	3900.	U	3500.	U	3700.	U	
100-02-7 4-Nitrophenol	3600.	U	3900.	U	3500.	U	3700.	U	
132-64-9 Dibenzofuran	730.	U	790.	U	710.	U	730.	U	
121-14-2 2,4-Dinitrotoluene	730.	U	790.	U	710.	U	730.	U	
84-66-2 Diethylphthalate	730.	U	790.	U	710.	U	730.	U	
7005-72-3 4-Chlorophenylphenylether	730.	U	790.	U	710.	U	730.	U	
86-73-7 Fluorene	730.	U	790.	U	710.	U	730.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02		042-C-B023-01		505-C-B019-01	
	ORIGINAL ID ----->	042CB00401		042CB00902		042CB02301		505CB01901	
	LAB SAMPLE ID --->	L5552-5		L5552-6		L7277-1		L7277-2	
	ID FROM REPORT -->	042CB00401		042CB00902		042CB02301		505CB01901	
	SAMPLE DATE ----->	10/06/95		10/06/95		06/19/96		06/19/96	
	DATE EXTRACTED -->	10/17/95		10/17/95		06/26/96		06/26/96	
	DATE ANALYZED --->	10/28/95		10/28/95		07/11/96		07/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5552	VAL	L5552	VAL	L7277	VAL	L7277	VAL
100-01-6	4-Nitroaniline	3600.	U	3900.	U	3500.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	3900.	U	3500.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	3600.	U	3900.	U	3500.	U	3700.	U
101-55-3	4-Bromophenyl-phenylether	730.	U	790.	U	710.	U	730.	U
118-74-1	Hexachlorobenzene	730.	U	790.	U	710.	U	730.	U
87-86-5	Pentachlorophenol	3600.	U	3900.	U	3500.	U	3700.	U
85-01-8	Phenanthrene	730.	U	790.	U	710.	U	730.	U
120-12-7	Anthracene	730.	U	790.	U	710.	U	730.	U
84-74-2	Di-n-butylphthalate	730.	U	790.	U	710.	U	730.	U
206-44-0	Fluoranthene	730.	U	790.	U	710.	U	730.	U
129-00-0	Pyrene	730.	U	790.	U	370.	J	730.	U
85-68-7	Butylbenzylphthalate	730.	U	790.	U	710.	U	730.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1500.	U	1400.	U	1400.	U
56-55-3	Benzo(a)anthracene	730.	U	790.	U	710.	U	730.	U
218-01-9	Chrysene	730.	U	790.	U	360.	J	730.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	730.	U	790.	U	710.	U	730.	U
117-84-0	Di-n-octyl phthalate	730.	U	790.	U	710.	U	730.	U
205-99-2	Benzo(b)fluoranthene	730.	U	790.	U	380.	J	730.	U
207-08-9	Benzo(k)fluoranthene	730.	U	790.	U	430.	J	730.	U
50-32-8	Benzo(a)pyrene	730.	U	790.	U	710.	U	730.	U
193-39-5	Indeno(1,2,3-cd)pyrene	730.	U	790.	U	710.	U	730.	U
53-70-3	Dibenz(a,h)anthracene	730.	U	790.	U	710.	U	730.	U
191-24-2	Benzo(g,h,i)perylene	730.	U	790.	U	710.	U	730.	U
95-53-4	o-Toluidine	1400.	U	1500.	U	1400.	U	1400.	U
1888-71-7	Hexachloropropene	730.	U	790.	U	710.	U	730.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	730.	U	790.	U	710.	U	730.	U
608-93-5	Pentachlorobenzene	730.	U	790.	U	710.	U	730.	U
91-59-8	2-Naphthylamine	3600.	U	3900.	U	3500.	U	3700.	U
134-32-7	1-Naphthylamine	3600.	U	3900.	U	3500.	U	3700.	U
297-97-2	Thionazin	3600.	U	3900.	U	3500.	U	3700.	U
99-55-8	5-Nitro-o-toluidine	3600.	U	3900.	U	3500.	U	3700.	U
2303-16-4	Diallate	1400.	U	1500.	U	1400.	U	1400.	U
298-02-2	Phorate	1400.	U	1500.	U	1400.	U	1400.	U
62-44-2	Phenacetin	1400.	U	1500.	U	1400.	U	1400.	U
60-51-5	Dimethoate	1400.	U	1500.	U	1400.	U	1400.	U
92-67-1	4-Aminobiphenyl	3600.	U	3900.	U	3500.	U	3700.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->	042-C-B004-01		042-C-B009-02		042-C-B023-01		505-C-B019-01		
ORIGINAL ID ----->	042CB00401		042CB00902		042CB02301		505CB01901		
LAB SAMPLE ID --->	L5552-5		L5552-6		L7277-1		L7277-2		
ID FROM REPORT -->	042CB00401		042CB00902		042CB02301		505CB01901		
SAMPLE DATE ----->	10/06/95		10/06/95		06/19/96		06/19/96		
DATE EXTRACTED -->	10/17/95		10/17/95		06/26/96		06/26/96		
DATE ANALYZED --->	10/28/95		10/28/95		07/11/96		07/11/96		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	L5552	VAL	L5552	VAL	L7277	VAL	L7277	VAL	
23950-58-5 Pronamide	1400.	U	1500.	U	1400.	U	1400.	U	
298-04-4 Disulfoton	1400.	U	1500.	U	1400.	U	1400.	U	
298-00-0 Methyl parathion	3600.	UJ	3900.	UJ	3500.	U	3700.	U	
56-38-2 Parathion	1400.	UJ	1500.	UJ	1400.	U	1400.	U	
140-57-8 Aramite	1400.	U	1500.	U	1400.	U	1400.	U	
510-15-6 Chlorobenzilate	1400.	U	1500.	U	1400.	U	1400.	U	
119-93-7 3,3-Dimethylbenzidine	22000.	U	24000.	U	21000.	U	22000.	U	
52-85-7 Famphur	730.	U	790.	U	710.	U	730.	U	
53-96-3 Acetamidofluorene	1400.	U	1500.	U	1400.	U	1400.	U	
70-30-4 Hexachlorophene	12000.	U	13000.	U	1400.	U	1400.	U	
56-49-5 3-Methyl cholanthrene	1400.	U	1500.	U	1400.	U	1400.	U	
110-86-1 Pyridine	1400.	U	1500.	U	1400.	U	1400.	U	
76-01-7 Pentachloroethane	730.	U	790.	U	710.	U	730.	U	
62-75-9 N-Nitrosodimethylamine	1400.	U	1500.	U	1400.	U	1400.	U	
109-06-8 2-Picoline	2500.	U	2700.	U	2500.	U	2600.	U	
10595-95-6 N-Nitrosomethylethylamine	1400.	U	1500.	U	1400.	U	1400.	U	
66-27-3 Methyl methanesulfonate	730.	U	790.	U	710.	U	730.	U	
55-18-5 N-Nitrosodiethylamine	1400.	U	1500.	U	1400.	U	1400.	U	
62-50-0 Ethyl methanesulfonate	730.	U	790.	U	710.	U	730.	U	
62-53-3 Aniline	1400.	U	1500.	U	1400.	U	1400.	U	
930-55-2 N-Nitrosopyrrolidine	1400.	U	1500.	U	1400.	U	1400.	U	
59-89-2 N-Nitrosomorpholine	1400.	U	1500.	U	1400.	U	1400.	U	
98-86-2 Acetophenone	730.	U	790.	U	710.	U	730.	U	
87-65-0 2,6-Dichlorophenol	1400.	U	1500.	U	1400.	U	1400.	U	
100-75-4 N-Nitrosopiperidine	1400.	U	1500.	U	1400.	U	1400.	U	
924-16-3 N-Nitroso-di-n-butylamine	1400.	U	1500.	U	1400.	U	1400.	U	
120-58-1 Isosafrole	730.	U	790.	U	710.	U	730.	U	
94-59-7 Safrole	730.	U	790.	U	710.	U	730.	U	
130-15-4 1,4-Naphthoquinone	1400.	U	1500.	U	1400.	U	1400.	U	
99-65-0 1,3-Dinitrobenzene	1400.	U	1500.	U	1400.	U	1400.	U	
58-90-2 2,3,4,6-Tetrachlorophenol	3600.	U	3900.	U	3500.	U	3700.	U	
99-35-4 1,3,5-Trinitrobenzene	1400.	U	1500.	U	1400.	U	1400.	U	
82-68-8 Pentachloronitrobenzene	730.	U	790.	U	710.	U	730.	U	
88-85-7 Dinoseb	2200.	U	2400.	U	2100.	U	2200.	U	
3689-24-5 Sulfotep	1400.	U	1500.	U	1400.	U	1400.	U	
126-68-1 O,O,O-Triethylphosphorothioate	1400.	U	1500.	U	1400.	U	1400.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02		042-C-B023-01		505-C-B019-01	
	ORIGINAL ID ----->	042CB00401		042CB00902		042CB02301		505CB01901	
	LAB SAMPLE ID --->	L5552-5		L5552-6		L7277-1		L7277-2	
	ID FROM REPORT -->	042CB00401		042CB00902		042CB02301		505CB01901	
	SAMPLE DATE ----->	10/06/95		10/06/95		06/19/96		06/19/96	
	DATE EXTRACTED -->	10/17/95		10/17/95		06/26/96		06/26/96	
	DATE ANALYZED --->	10/28/95		10/28/95		07/11/96		07/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5552	VAL	L5552	VAL	L7277	VAL	L7277	VAL
60-11-7	p-(Dimethylamino)azobenzene	1400.	U	1500.	U	1400.	U	1400.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	730.	U	790.	U	710.	U	730.	U
56-57-5	4-Nitroquinoline 1-oxide	1400.	U	1500.	U	1400.	U	1400.	U
108-39-4	3-Methylphenol (m-Cresol)	1400.	U	1500.	U	1400.	U	1400.	U
9900-32-2	3-Methylphenol/4-Methylphenol	1400.	U	1500.	U	1400.	U	1400.	U
91-80-5	Methapyrilene	1400.	U	1500.	U	1400.	U	1400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST

	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02		505-C-B017-02					
	ORIGINAL ID ----->	042CB00401		042CB00902		505CB01702					
	LAB SAMPLE ID --->	L5552-5		L5552-6		25096.04					
	ID FROM REPORT -->	042CB00401		042CB00902		505CB01702					
	SAMPLE DATE ----->	10/06/95		10/06/95		03/28/96					
	DATE EXTRACTED -->	10/16/95		10/16/95		04/01/96					
	DATE ANALYZED --->	11/03/95		11/03/95		04/06/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	L5552	VAL	L5552	VAL	25095	VAL				
319-84-6	alpha-BHC	1.9	U	2.	U	1.7	U				
319-85-7	beta-BHC	1.9	U	2.	U	1.7	U				
319-86-8	delta-BHC	1.9	U	2.	U	1.7	U				
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.7	U				
76-44-8	Heptachlor	1.9	U	2.	U	1.7	U				
309-00-2	Aldrin	1.9	U	2.	U	2.4	J				
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	6.	J				
959-98-8	Endosulfan I	1.9	U	2.	U	1.7	U				
60-57-1	Dieldrin	3.6	U	4.	U	3.2	U				
72-55-9	4,4'-DDE	3.6	U	1.2	J	3.2	U				
72-20-8	Endrin	3.6	U	4.	U	4.4	J				
33213-65-9	Endosulfan II	3.6	U	4.	U	3.2	U				
72-54-8	4,4'-DDD	3.6	U	1.7	J	3.2	U				
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	10.	J				
50-29-3	4,4'-DDT	4.1	J	8.2		8.8	J				
72-43-5	Methoxychlor	19.	U	20.	U	17.	U				
53494-70-5	Endrin ketone	3.6	U	4.	U	45.	J				
7421-93-4	Endrin aldehyde	3.6	U	4.	U	3.2	U				
5103-71-9	alpha-Chlordane	1.9	U	2.	U	1.7	U				
5103-74-2	gamma-Chlordane	1.9	U	2.	U	1.7	U				
8001-35-2	Toxaphene	190.	U	200.	U	110.	U				
12674-11-2	Aroclor-1016	14.	U	16.	U	42.	U				
11104-28-2	Aroclor-1221	14.	U	16.	U	42.	U				
11141-16-5	Aroclor-1232	14.	U	16.	U	42.	U				
53469-21-9	Aroclor-1242	14.	U	16.	U	42.	U				
12672-29-6	Aroclor-1248	14.	U	16.	U	42.	U				
11097-69-1	Aroclor-1254	14.	U	16.	U	86.	U				
11096-82-5	Aroclor-1260	14.	U	16.	U	86.	U				
57-74-9	Chlordane	44.	U	48.	U	1.7	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

X9 SVOA										
	SAMPLE ID ------->	042-C-B015-01		042-C-B019-02		505-C-B017-02				
	ORIGINAL ID ----->	042CB01501		042CB01902		505CB01702				
	LAB SAMPLE ID --->	25107.01		25107.02		25096.04				
	ID FROM REPORT -->	042CB01501		042CB01902		505CB01702				
	SAMPLE DATE ----->	03/29/96		03/29/96		03/28/96				
	DATE EXTRACTED -->	04/01/96		04/01/96		03/30/96				
	DATE ANALYZED --->	04/03/96		04/03/96		04/03/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	25106	VAL	25106	VAL	25095	VAL			
108-95-2	Phenol	370.	U	380.	U	420.	U			
111-44-4	bis(2-Chloroethyl)ether	370.	U	380.	U	420.	U			
95-57-8	2-Chlorophenol	370.	U	380.	U	420.	U			
100-51-6	Benzyl alcohol	370.	U	380.	U	420.	U			
95-48-7	2-Methylphenol (o-Cresol)	370.	U	380.	U	420.	U			
9638-32-9	Bis(2-Chloroisopropyl)Ether	370.	U	380.	U	420.	U			
621-64-7	N-Nitroso-di-n-propylamine	370.	U	380.	U	420.	U			
67-72-1	Hexachloroethane	370.	U	380.	U	420.	U			
98-95-3	Nitrobenzene	370.	U	380.	U	420.	U			
78-59-1	Isophorone	370.	U	380.	U	420.	U			
88-75-5	2-Nitrophenol	370.	U	380.	U	420.	U			
105-67-9	2,4-Dimethylphenol	370.	U	380.	U	420.	U			
111-91-1	bis(2-Chloroethoxy)methane	370.	U	380.	U	420.	U			
120-83-2	2,4-Dichlorophenol	370.	U	380.	U	420.	U			
91-20-3	Naphthalene	370.	U	380.	U	240.	J			
106-47-8	4-Chloroaniline	370.	U	380.	U	420.	U			
87-68-3	Hexachlorobutadiene	370.	U	380.	U	420.	U			
59-50-7	4-Chloro-3-methylphenol	370.	U	380.	U	420.	U			
91-57-6	2-Methylnaphthalene	370.	U	380.	U	170.	J			
77-47-4	Hexachlorocyclopentadiene	370.	U	380.	U	420.	U			
88-06-2	2,4,6-Trichlorophenol	370.	U	380.	U	420.	U			
95-95-4	2,4,5-Trichlorophenol	1800.	U	1800.	U	2000.	U			
91-58-7	2-Chloronaphthalene	370.	U	380.	U	420.	U			
88-74-4	2-Nitroaniline	1800.	U	1800.	U	2000.	U			
131-11-3	Dimethyl phthalate	370.	U	380.	U	420.	U			
208-96-8	Acenaphthylene	370.	U	380.	U	450.				
606-20-2	2,6-Dinitrotoluene	370.	U	380.	U	420.	U			
99-09-2	3-Nitroaniline	1800.	U	1800.	U	2000.	U			
83-32-9	Acenaphthene	370.	U	380.	U	130.	J			
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U	2000.	U			
100-02-7	4-Nitrophenol	1800.	U	1800.	U	2000.	U			
132-64-9	Dibenzofuran	370.	U	380.	U	150.	J			
121-14-2	2,4-Dinitrotoluene	370.	U	380.	U	420.	U			
84-66-2	Diethylphthalate	370.	U	380.	U	420.	U			
7005-72-3	4-Chlorophenylphenylether	370.	U	380.	U	420.	U			
86-73-7	Fluorene	370.	U	380.	U	250.	J			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 SVOA

SAMPLE ID ------->		042-C-B015-01		042-C-B019-02		505-C-B017-02				
ORIGINAL ID ----->		042CB01501		042CB01902		505CB01702				
LAB SAMPLE ID --->		25107.01		25107.02		25096.04				
ID FROM REPORT -->		042CB01501		042CB01902		505CB01702				
SAMPLE DATE ----->		03/29/96		03/29/96		03/28/96				
DATE EXTRACTED -->		04/01/96		04/01/96		03/30/96				
DATE ANALYZED --->		04/03/96		04/03/96		04/03/96				
MATRIX ---------->		Soil		Soil		Soil				
UNITS ---------->		UG/KG		UG/KG		UG/KG				
CAS #	Parameter	25106	VAL	25106	VAL	25095	VAL			
100-01-6	4-Nitroaniline	1800.	U	1800.	U	2000.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U	2000.	U			
86-30-6	N-Nitrosodiphenylamine	370.	U	380.	U	420.	U			
101-55-3	4-Bromophenyl-phenylether	370.	U	380.	U	420.	U			
118-74-1	Hexachlorobenzene	370.	U	380.	U	420.	U			
87-86-5	Pentachlorophenol	1800.	U	1800.	U	2000.	U			
85-01-8	Phenanthrene	370.	U	85.	J	1500.				
120-12-7	Anthracene	370.	U	380.	U	430.				
84-74-2	Di-n-butylphthalate	370.	U	380.	U	420.	U			
206-44-0	Fluoranthene	370.	U	160.	J	2400.				
129-00-0	Pyrene	370.	U	120.	J	2200.				
85-68-7	Butylbenzylphthalate	370.	U	380.	U	420.	U			
91-94-1	3,3'-Dichlorobenzidine	740.	U	760.	U	850.	U			
56-55-3	Benzo(a)anthracene	370.	U	78.	J	1300.				
218-01-9	Chrysene	370.	U	91.	J	1600.				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	380.	U	160.	J			
117-84-0	Di-n-octyl phthalate	370.	U	380.	U	420.	U			
205-99-2	Benzo(b)fluoranthene	45.	J	100.	J	2000.				
207-08-9	Benzo(k)fluoranthene	370.	U	90.	J	1300.	J			
50-32-8	Benzo(a)pyrene	370.	U	88.	J	1800.				
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U	65.	J	1400.				
53-70-3	Dibenz(a,h)anthracene	370.	U	380.	U	650.				
191-24-2	Benzo(g,h,i)perylene	370.	U	72.	J	1600.				
95-53-4	o-Toluidine	370.	U	380.	U	420.	U			
1888-71-7	Hexachloropropene	370.	U	380.	U	420.	U			
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U	380.	U	420.	U			
608-93-5	Pentachlorobenzene	370.	U	380.	U	420.	U			
91-59-8	2-Naphthylamine	370.	U	380.	U	420.	U			
134-32-7	1-Naphthylamine	370.	U	380.	U	420.	U			
297-97-2	Thionazin	740.	U	760.	U	850.	U			
99-55-8	5-Nitro-o-toluidine	370.	U	380.	U	420.	U			
2303-16-4	Diallate	370.	UJ	380.	UJ	420.	UJ			
298-02-2	Phorate	370.	U	380.	U	420.	U			
62-44-2	Phenacetin	370.	U	380.	U	420.	U			
60-51-5	Dimethoate	370.	U	380.	U	420.	U			
92-67-1	4-Aminobiphenyl	370.	U	380.	U	420.	U			

*** Validation Complete ***

X9 SVOA		SAMPLE ID ------->	042-C-B015-01		042-C-B019-02		505-C-B017-02				
		ORIGINAL ID ----->	042CB01501		042CB01902		505CB01702				
		LAB SAMPLE ID --->	25107.01		25107.02		25096.04				
		ID FROM REPORT -->	042CB01501		042CB01902		505CB01702				
		SAMPLE DATE ----->	03/29/96		03/29/96		03/28/96				
		DATE EXTRACTED -->	04/01/96		04/01/96		03/30/96				
		DATE ANALYZED --->	04/03/96		04/03/96		04/03/96				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		25106	VAL	25106	VAL	25095	VAL			
23950-58-5	Pronamide		370.	U	380.	U	420.	U			
298-04-4	Disulfoton		370.	U	380.	U	420.	U			
298-00-0	Methyl parathion		740.	U	760.	U	850.	U			
56-38-2	Parathion		740.	UJ	760.	UJ	850.	UJ			
140-57-8	Aramite		1800.	U	1800.	U	2000.	U			
510-15-6	Chlorobenzilate		370.	U	380.	U	420.	U			
119-93-7	3,3-Dimethylbenzidine		370.	U	380.	U	420.	U			
52-85-7	Famphur		370.	U	380.	U	420.	U			
53-96-3	Acetamidofluorene		370.	U	380.	U	420.	U			
70-30-4	Hexachlorophene		7400.	UR	7600.	UR	8500.	UR			
56-49-5	3-Methyl cholanthrene		370.	U	380.	U	420.	U			
110-86-1	Pyridine		370.	U	380.	U	420.	U			
76-01-7	Pentachloroethane		370.	U	380.	U	420.	U			
62-75-9	N-Nitrosodimethylamine		370.	U	380.	U	420.	U			
109-06-8	2-Picoline		370.	U	380.	U	420.	U			
0595-95-6	N-Nitrosomethylethylamine		370.	U	380.	U	420.	U			
66-27-3	Methyl methanesulfonate		1800.	U	1800.	U	2000.	U			
55-18-5	N-Nitrosodiethylamine		370.	U	380.	U	420.	U			
62-50-0	Ethyl methanesulfonate		370.	U	380.	U	420.	U			
62-53-3	Aniline		370.	U	380.	U	420.	U			
930-55-2	N-Nitrosopyrrolidine		370.	U	380.	U	420.	U			
59-89-2	N-Nitrosomorpholine		370.	U	380.	U	420.	U			
9900-32-2	3-Methylphenol/4-Methylphenol		370.	U	380.	U	420.	U			
98-86-2	Acetophenone		370.	U	380.	U	420.	U			
87-65-0	2,6-Dichlorophenol		370.	U	380.	U	420.	U			
100-75-4	N-Nitrosopiperidine		370.	U	380.	U	420.	U			
924-16-3	N-Nitroso-di-n-butylamine		370.	U	380.	U	420.	U			
120-58-1	Isosafrole		370.	U	380.	U	420.	U			
94-59-7	Safrole		370.	U	380.	U	420.	U			
130-15-4	1,4-Naphthoquinone		370.	U	380.	U	420.	U			
99-65-0	1,3-Dinitrobenzene		370.	U	380.	U	420.	U			
58-90-2	2,3,4,6-Tetrachlorophenol		370.	U	380.	U	420.	U			
99-35-4	1,3,5-Trinitrobenzene		370.	UJ	380.	UJ	420.	UJ			
82-68-8	Pentachloronitrobenzene		1800.	UR	1800.	UR	2000.	UR			
88-85-7	Dinoseb		370.	U	380.	U	420.	U			
3689-24-5	Sulfotep		740.	U	760.	U	850.	U			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 SVOA

	SAMPLE ID ------->	042-C-B015-01		042-C-B019-02		505-C-B017-02					
	ORIGINAL ID ----->	042CB01501		042CB01902		505CB01702					
	LAB SAMPLE ID --->	25107.01		25107.02		25096.04					
	ID FROM REPORT -->	042CB01501		042CB01902		505CB01702					
	SAMPLE DATE ----->	03/29/96		03/29/96		03/28/96					
	DATE EXTRACTED -->	04/01/96		04/01/96		03/30/96					
	DATE ANALYZED --->	04/03/96		04/03/96		04/03/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	25106	VAL	25106	VAL	25095	VAL				
126-68-1	O,O,O-Triethylphosphorothioate	370.	U	380.	U	420.	U				
60-11-7	p-(Dimethylamino)azobenzene	370.	U	380.	U	420.	U				
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	U	1800.	U	2000.	U				
56-57-5	4-Nitroquinoline 1-oxide	1800.	UR	1800.	UR	2000.	UR				
91-80-5	Methapyrilene	740.	UR	760.	UR	850.	UR				
108-39-4	3-Methylphenol (m-Cresol)	370.	U	380.	U	71.	J				
541-73-1	1,3-Dichlorobenzene	370.	U	380.	U	420.	U				
106-46-7	1,4-Dichlorobenzene	370.	U	380.	U	420.	U				
95-50-1	1,2-Dichlorobenzene	370.	U	380.	U	420.	U				
106-44-5	4-Methylphenol (p-Cresol)	370.	U	380.	U	420.	U				
120-82-1	1,2,4-Trichlorobenzene	370.	U	380.	U	420.	U				
86-74-8	Carbazole	370.	U	380.	U	290.	J				
96-12-8	1,2-Dibromo-3-Chloropropane	370.	UR	380.	UR	420.	UR				
122-09-8	a,a-Dimethylphenethylamine	370.	U	380.	U	420.	U				
106-50-3	p-Phenylenediamine	1800.	U	1800.	U	2000.	U				
122-39-4	Diphenylamine	370.	U	380.	U	420.	U				
465-73-6	Isodrin	740.	U	760.	U	850.	U				
143-50-0	Kepone	1800.	U	1800.	U	2000.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

X9 VOA

SAMPLE ID ------->	042-C-B004-01	042-C-B009-02	
ORIGINAL ID ----->	042CB00401	042CB00902	
LAB SAMPLE ID --->	L5552-3	L5552-4	
ID FROM REPORT -->	042CB00401	042CB00902	
SAMPLE DATE ----->	10/06/95	10/06/95	
DATE ANALYZED --->	10/18/95	10/18/95	
MATRIX ---------->	Soil	Soil	
UNITS ---------->	UG/KG	UG/KG	

CAS #	Parameter	L5552	VAL	L5552	VAL
74-87-3	Chloromethane	11.	U	12.	U
75-01-4	Vinyl chloride	11.	U	12.	U
74-83-9	Bromomethane	11.	U	12.	U
75-00-3	Chloroethane	11.	UJ	12.	UJ
75-69-4	Trichlorofluoromethane	5.5	UJ	6.	UJ
67-64-1	Acetone	110.	U	120.	U
75-35-4	1,1-Dichloroethene	5.5	U	6.	U
75-15-0	Carbon disulfide	5.5	U	6.	U
75-09-2	Methylene chloride	5.5	U	6.	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	6.	U
108-05-4	Vinyl acetate	5.5	U	6.	U
75-34-3	1,1-Dichloroethane	5.5	U	6.	U
78-93-3	2-Butanone (MEK)	55.	U	1.3	J
67-66-3	Chloroform	5.5	U	6.	U
71-55-6	1,1,1-Trichloroethane	5.5	U	6.	U
56-23-5	Carbon tetrachloride	5.5	U	6.	U
107-06-2	1,2-Dichloroethane	5.5	U	6.	U
71-43-2	Benzene	5.5	U	6.	U
79-01-6	Trichloroethene	5.5	U	6.	U
78-87-5	1,2-Dichloropropane	5.5	U	6.	U
75-27-4	Bromodichloromethane	5.5	U	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	55.	U	60.	U
0061-01-5	cis-1,3-Dichloropropene	5.5	U	6.	U
108-88-3	Toluene	5.5	U	6.	U
0061-02-6	trans-1,3-Dichloropropene	5.5	U	6.	U
591-78-6	2-Hexanone	55.	U	60.	U
79-00-5	1,1,2-Trichloroethane	5.5	U	6.	U
127-18-4	Tetrachloroethene	5.5	U	6.	U
124-48-1	Dibromochloromethane	5.5	U	6.	U
108-90-7	Chlorobenzene	5.5	U	6.	U
100-41-4	Ethylbenzene	5.5	U	6.	U
1330-20-7	Xylene (Total)	NR		NR	
95-47-6	o-Xylene	5.5	U	6.	U
100-42-5	Styrene	5.5	U	6.	U
75-25-2	Bromoform	5.5	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	6.	U
541-73-1	1,3-Dichlorobenzene	5.5	U	6.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02					
	ORIGINAL ID ----->	042CB00401		042CB00902					
	LAB SAMPLE ID --->	L5552-3		L5552-4					
	ID FROM REPORT -->	042CB00401		042CB00902					
	SAMPLE DATE ----->	10/06/95		10/06/95					
	DATE ANALYZED --->	10/18/95		10/18/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5552	VAL	L5552	VAL				
106-46-7	1,4-Dichlorobenzene	5.5	U	6.	U				
95-50-1	1,2-Dichlorobenzene	5.5	U	6.	U				
75-05-8	Acetonitrile	55.	U	60.	U				
107-02-8	Acrolein	55.	U	60.	U				
107-13-1	Acrylonitrile	55.	U	60.	U				
107-05-1	3-Chloropropene	22.	U	24.	U				
106-93-4	1, 2-Dibromoethane	5.5	U	6.	U				
74-95-3	Methylene bromide	5.5	U	6.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	110.	U	120.	U				
110-57-6	trans-1,4-Dichloro-2-butene	110.	U	120.	U				
75-71-8	Dichlorodifluoromethane	5.5	U	6.	U				
123-91-1	1,4-Dioxane	110.	UR	120.	UR				
107-12-0	Propionitrile	11.	U	12.	U				
97-63-2	Ethyl methacrylate	5.5	U	6.	U				
74-88-4	Methyl iodide	5.5	U	6.	U				
78-83-1	Isobutyl alcohol	110.	U	120.	U				
126-98-7	Methacrylonitrile	5.5	U	6.	U				
80-62-6	Methyl methacrylate	5.5	U	6.	U				
630-20-6	1,1,1,2-Tetrachloroethane	5.5	U	6.	U				
120-82-1	1,2,4-Trichlorobenzene	5.5	U	6.	U				
96-18-4	1,2,3-Trichloropropane	5.5	U	6.	U				
540-59-0	1,2-Dichloroethene (total)	5.5	U	6.	U				
110-75-8	2-Chloroethyl vinyl ether	5.5	U	6.	U				
126-99-8	Chloroprene	5.5	U	6.	U				
76-01-7	Pentachloroethane	5.5	U	6.	U				
71-36-3	n-Butyl alcohol	5.5	U	6.	U				
99900-05-0	m+p Xylene	5.5	U	6.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-HERB									
	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02					
	ORIGINAL ID ----->	042CB00401		042CB00902					
	LAB SAMPLE ID --->	L5552-5		L5552-6					
	ID FROM REPORT -->	042CB00401		042CB00902					
	SAMPLE DATE ----->	10/06/95		10/06/95					
	DATE EXTRACTED -->	10/16/95		10/16/95					
	DATE ANALYZED --->	10/26/95		10/26/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5552	VAL	L5552	VAL				
94-75-7	2,4-D	170.	U	230.	U				
93-72-1	2,4,5-TP (Silvex)	55.	U	75.	U				
93-76-5	2,4,5-T	55.	U	75.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-31		L5545-32		L5554-48		L5554-49		L5554-67		L5554-68	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/14/95		10/14/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/14/95		10/14/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5545I	VAL	L5545I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL
57-12-5	Cyanide (CN)	1.1	U	1.2	U	1.1	U	1.2	U	1.1	U	1.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

:YANIDE

	SAMPLE ID ------->	042-S-B004-01		042-C-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01	
	ORIGINAL ID ----->	042SB00401		042CB00401		042SB00402		042SB00501		042SB00502		042SB00601	
	LAB SAMPLE ID --->	L5554-52		L5552-1		L5554-53		L5554-54		L5554-55		L5554-50	
	ID FROM REPORT -->	042SB00401		042CB00401		042SB00402		042SB00501		042SB00502		042SB00601	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/14/95		10/14/95		10/14/95		10/12/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/14/95		10/14/95		10/14/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5554I	VAL	L5552I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL
57-12-5	Cyanide (CN)	1.1	U	1.1	U	1.2	U	1.1	U	1.3	U	1.2	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE															
		SAMPLE ID ------->	042-S-B006-02		042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		
		ORIGINAL ID ----->	042SB00602		042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		
		LAB SAMPLE ID --->	L5554-51		L5554-58		L5554-59		L5554-60		L5554-62		L5554-63		
		ID FROM REPORT -->	042SB00602		042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		
		SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		
		DATE EXTRACTED -->	10/12/95		10/14/95		10/14/95		10/14/95		10/14/95		10/14/95		
		DATE ANALYZED --->	10/12/95		10/14/95		10/14/95		10/14/95		10/14/95		10/14/95		
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ----------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		
CAS #	Parameter		L5554I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL	L5554I	VAL	
57-12-5	Cyanide (CN)		1.3	U	1.4	U	1.2	U	1.2	U	1.2	U	1.2	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	042-S-B009-02		042-C-B009-02		042-S-B010-01		505-S-B001-01		505-S-B001-02		505-S-B002-01	
	ORIGINAL ID ----->	042SB00902		042CB00902		042SB01001		505SB00101		505SB00102		505SB00201	
	LAB SAMPLE ID --->	L5554-64		L5552-2		L5563-137		L5554-65		L5554-66		L5563-129	
	ID FROM REPORT -->	042SB00902		042CB00902		042SB01001		505SB00101		505SB00102		505SB00201	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		10/06/95		10/06/95		10/07/95	
	DATE EXTRACTED -->	10/14/95		10/12/95		10/16/95		10/14/95		10/14/95		10/16/95	
	DATE ANALYZED --->	10/14/95		10/12/95		10/16/95		10/14/95		10/14/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5554I	VAL	L5552I	VAL	L5563I	VAL	L5554I	VAL	L5554I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)	1.2	U	1.2	U	1.6	U	1.4	U	1.2	U	1.2	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	505-S-B003-01		505-S-B003-02		505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02	
	ORIGINAL ID ----->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	LAB SAMPLE ID --->	L5563-130		L5563-131		L5554-56		L5554-57		L5563-122		L5563-123	
	ID FROM REPORT -->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/06/95		10/06/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/14/95		10/14/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/14/95		10/14/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563I	VAL	L5563I	VAL	L5554I	VAL	L5554I	VAL	L5563I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

YANIDE

	SAMPLE ID ------->	505-S-B006-01		505-S-B007-01		505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01	
	ORIGINAL ID ----->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	LAB SAMPLE ID --->	L5563-124		L5563-125		L5563-126		L5563-127		L5563-128		L5563-134	
	ID FROM REPORT -->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)	1.3	U	1.3	U	1.3	U	1.5	U	1.2	U	1.2	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

		SAMPLE ID ------->	505-S-B010-01		505-S-B010-02		505-S-B011-01		505-S-B011-02		
		ORIGINAL ID ----->	505SB01001		505SB01002		505SB01101		505SB01102		
		LAB SAMPLE ID --->	L5563-132		L5563-133		L5563-135		L5563-136		
		ID FROM REPORT -->	505SB01001		505SB01002		505SB01101		505SB01102		
		SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		
		DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95		
		DATE ANALYZED --->	10/16/95		10/16/95		10/16/95		10/16/95		
		MATRIX ---------->	Soil		Soil		Soil		Soil		
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		
CAS #	Parameter		L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	
57-12-5	Cyanide (CN)		1.2	U	1.3	U	1.1	U	1.2	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	042-C-B004-01		042-C-B009-02				
ORIGINAL ID ----->	042CB00401		042CB00902				
LAB SAMPLE ID --->	107-202-9		107-202-10				
ID FROM REPORT -->	042CB00401		042CB00902				
SAMPLE DATE ----->	10/06/95		10/06/95				
DATE EXTRACTED -->	10/13/95		10/13/95				
DATE ANALYZED --->	10/18/95		10/18/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	NG/KG		NG/KG				
CAS # Parameter	L5557	VAL	L5557	VAL			
1746-01-6 2378-TCDD	0.1	U	0.2	U			
40321-76-4 12378-PeCDD	0.2	U	0.3	U			
39227-28-6 123478-HxCDD	0.28		0.2	U			
57653-85-7 123678-HxCDD	1.1		0.16				
19408-74-3 123789-HxCDD	0.75		0.21				
35822-46-9 1234678-HpCDD	46.		4.1				
3268-87-9 OCDD	403.		271.				
51207-31-9 2378-TCDF	0.65		0.2	U			
57117-41-6 12378-PeCDF	0.18	EMPC	0.2	U			
57117-31-4 23478-PeCDF	0.33		0.2	U			
70648-26-9 123478-HxCDF	0.71		0.19				
57117-44-9 123678-HxCDF	0.32		0.2	U			
60851-34-5 234678-HxCDF	0.6		0.45				
72918-21-9 123789-HxCDF	0.08		0.2	U			
67562-39-4 1234678-HpCDF	4.5		0.69				
55673-89-7 1234789-HpCDF	0.24		0.2	U			
39001-02-0 OCDF	16.		1.1				
41903-57-5 Total Tetra-Dioxins	1.9		0.2	U			
36088-22-9 Total Penta-Dioxins	1.2	EMPC	0.3	U			
34465-46-8 Total Hexa-Dioxins	15.7		2.9				
37871-00-4 Total Hepta-Dioxins	302.		15.2				
55722-27-5 Total Tetra-Furans	1.8	EMPC	0.2	U			
30602-15-4 Total Penta-Furans	4.5	EMPC	0.2	U			
55684-94-1 Total Hexa-Furans	8.1	EMPC	1.2				
38998-75-3 Total Hepta-Furans	14.8		1.4				

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME								
	SAMPLE ID ------->	042-C-B004-01		042-C-B009-02				
	ORIGINAL ID ----->	042CB00401		042CB00902				
	LAB SAMPLE ID --->	L5552-1		L5552-2				
	ID FROM REPORT -->	042CB00401		042CB00902				
	SAMPLE DATE ----->	10/06/95		10/06/95				
	DATE EXTRACTED -->	10/07/95		10/07/95				
	DATE ANALYZED --->	10/07/95		10/07/95				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	L55521	VAL	L55521	VAL			
18540-29-9	Chromium (Hexavalent)	0.022	U	0.12	J			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OP PEST

SAMPLE ID ------->	042-C-B004-01		042-C-B009-02				
ORIGINAL ID ----->	042CB00401		042CB00902				
LAB SAMPLE ID --->	L5552-5		L5552-6				
ID FROM REPORT -->	042CB00401		042CB00902				
SAMPLE DATE ----->	10/06/95		10/06/95				
DATE EXTRACTED -->	10/17/95		10/17/95				
DATE ANALYZED --->	10/24/95		10/24/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5552	VAL	L5552	VAL			
60-51-5 Dimethoate	55.	U	60.	U			
298-04-4 Disulfoton	55.	U	60.	U			
52-85-7 Famphur	55.	U	60.	U			
56-38-2 Parathion	55.	U	60.	U			
298-00-0 Methyl parathion	55.	U	60.	U			
298-02-2 Phorate	55.	UJ	60.	UJ			
3689-24-5 Sulfotep	55.	UJ	60.	UJ			
297-97-2 Thionazin	55.	UJ	60.	UJ			
126-68-1 O,O,O-Triethylphosphorothioate	55.	U	60.	U			

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB													
	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-21		L5545-22		L5554-25		L5554-26		L5554-46		L5554-47	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		11/04/95		11/04/95		10/20/95		10/20/95	
	DATE ANALYZED --->	10/28/95		10/28/95		11/07/95		11/07/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
75-99-0	Dalapon	2100.	UJ	2300.	UJ	2100.	U	2300.	U	2100.	U	2300.	U
1918-00-9	Dicamba	88.	U	96.	UJ	88.	U	96.	U	88.	U	96.	U
93-65-2	MCPP	130000.	U	140000.	UJ	130000.	U	140000.	U	130000.	U	140000.	U
94-74-6	MCPA	86000.	U	94000.	UJ	86000.	U	94000.	U	86000.	U	94000.	U
120-36-5	Dichlorprop	590.	U	650.	UJ	590.	U	650.	U	590.	U	650.	U
94-75-7	2,4-D	170.	U	180.	UJ	170.	U	180.	U	170.	U	180.	U
93-72-1	2,4,5-TP (Silvex)	55.	U	60.	UJ	55.	U	60.	U	55.	U	60.	U
93-76-5	2,4,5-T	55.	U	60.	UJ	55.	U	60.	U	55.	U	60.	U
94-82-6	2,4-DB	1300.	U	1400.	UJ	1300.	U	1400.	U	1300.	U	1400.	U
88-85-7	Dinoseb	77.	U	84.	UJ	77.	U	84.	U	77.	U	84.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB

	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-29		L5554-30		L5554-31		L5554-32		L5554-27		L5554-28	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	11/04/95		11/04/95		11/04/95		11/04/95		10/20/95		11/04/95	
	DATE ANALYZED --->	11/07/95		11/07/95		11/07/95		11/07/95		10/29/95		11/07/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
75-99-0	Dalapon	2100.	U	2300.	U	2100.	U	2500.	U	2300.	U	2300.	U
1918-00-9	Dicamba	88.	U	96.	U	88.	U	100.	U	96.	U	96.	U
93-65-2	MCPP	130000.	U	140000.	U	130000.	U	160000.	U	140000.	U	140000.	U
94-74-6	MCPA	86000.	U	94000.	U	86000.	U	100000.	U	94000.	U	94000.	U
120-36-5	Dichlorprop	590.	U	650.	U	590.	U	700.	U	650.	U	650.	U
94-75-7	2,4-D	170.	U	180.	U	170.	U	200.	U	180.	U	180.	U
93-72-1	2,4,5-TP (Silvex)	55.	U	60.	U	55.	U	65.	U	60.	U	60.	U
93-76-5	2,4,5-T	55.	U	60.	U	55.	U	65.	U	60.	U	60.	U
94-82-6	2,4-DB	1300.	U	1400.	U	1300.	U	1600.	U	1400.	U	1400.	U
88-85-7	Dinoseb	77.	U	84.	U	77.	U	91.	U	84.	U	84.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB													
	SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
	ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	LAB SAMPLE ID --->	L5554-35		L5554-36		L5554-37		L5554-41		L5554-42		L5554-43	
	ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/20/95		10/20/95		10/20/95		10/20/95		10/20/95		10/20/95	
	DATE ANALYZED --->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
75-99-0	Dalapon	2700.	U	2300.	U	2100.	U	2300.	U	2300.	U	2300.	U
1918-00-9	Dicamba	110.	U	96.	U	88.	U	96.	U	96.	U	96.	U
93-65-2	MCPP	170000.	U	140000.	U	130000.	U	140000.	U	140000.	U	140000.	U
94-74-6	MCPA	110000.	U	94000.	U	86000.	U	94000.	U	94000.	U	94000.	U
120-36-5	Dichlorprop	760.	U	650.	U	590.	U	650.	U	650.	U	650.	U
94-75-7	2,4-D	210.	U	180.	U	170.	U	180.	U	180.	U	180.	U
93-72-1	2,4,5-TP (Silvex)	70.	U	60.	U	55.	U	60.	U	60.	U	60.	U
93-76-5	2,4,5-T	70.	U	60.	U	55.	U	60.	U	60.	U	60.	U
94-82-6	2,4-DB	1700.	U	1400.	U	1300.	U	1400.	U	1400.	U	1400.	U
88-85-7	Dinoseb	98.	U	84.	U	77.	U	84.	U	84.	U	84.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB

	SAMPLE ID ------->	042-S-B010-01		505-S-B001-01		505-S-B001-02		505-S-B002-01		505-S-B003-01		505-S-B003-02	
	ORIGINAL ID ----->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	LAB SAMPLE ID --->	L5563-87		L5554-44		L5554-45		L5563-79		L5563-80		L5563-81	
	ID FROM REPORT -->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	SAMPLE DATE ----->	10/07/95		10/06/95		10/06/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/19/95		10/20/95		10/20/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/29/95		10/30/95		10/30/95		10/28/95		10/28/95		10/28/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL
75-99-0	Dalapon	3000.	UJ	2700.	U	2300.	U	2300.	UJ	2100.	UJ	2100.	UJ
1918-00-9	Dicamba	130.	U	110.	U	96.	U	96.	U	88.	U	88.	U
93-65-2	MCPP	190000.	U	170000.	U	140000.	U	140000.	U	130000.	U	130000.	U
94-74-6	MCPA	120000.	U	110000.	U	94000.	U	94000.	U	86000.	U	86000.	U
120-36-5	Dichlorprop	860.	U	760.	U	650.	U	650.	U	590.	U	590.	U
94-75-7	2,4-D	240.	U	210.	U	180.	U	180.	U	170.	U	170.	U
93-72-1	2,4,5-TP (Silvex)	80.	U	70.	U	60.	U	60.	U	55.	U	55.	U
93-76-5	2,4,5-T	80.	U	70.	U	60.	U	60.	U	55.	U	55.	U
94-82-6	2,4-DB	1900.	U	1700.	U	1400.	U	1400.	U	1300.	U	1300.	U
88-85-7	Dinoseb	110.	U	98.	U	84.	U	84.	U	77.	U	77.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB

	SAMPLE ID ------->	505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02		505-S-B006-01		505-S-B007-01	
	ORIGINAL ID ----->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	LAB SAMPLE ID --->	L5554-33		L5554-34		L5563-72		L5563-73		L5563-74		L5563-75	
	ID FROM REPORT -->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/20/95		10/20/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/29/95		10/29/95		10/28/95		10/28/95		10/28/95		10/28/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
75-99-0	Dalapon	2300.	U	2300.	U	2500.	UJ	3000.	UJ	2300.	UJ	2500.	UJ
1918-00-9	Dicamba	96.	U	96.	U	100.	U	130.	U	96.	U	100.	U
93-65-2	MCPP	140000.	U	140000.	U	160000.	U	190000.	U	140000.	U	160000.	U
94-74-6	MCPA	94000.	U	94000.	U	100000.	U	120000.	U	94000.	U	100000.	U
120-36-5	Dichlorprop	650.	U	650.	U	700.	U	860.	U	650.	U	700.	U
94-75-7	2,4-D	180.	U	180.	U	200.	U	240.	U	180.	U	200.	U
93-72-1	2,4,5-TP (Silvex)	60.	U	60.	U	65.	U	80.	U	60.	U	65.	U
93-76-5	2,4,5-T	60.	U	60.	U	65.	U	80.	U	60.	U	65.	U
94-82-6	2,4-DB	1400.	U	1400.	U	1600.	U	1900.	U	1400.	U	1600.	U
88-85-7	Dinoseb	84.	U	84.	U	91.	U	110.	U	84.	U	91.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB

SAMPLE ID ------->		505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01		505-S-B010-01		505-S-B010-02	
ORIGINAL ID ----->		505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
LAB SAMPLE ID --->		L5563-76		L5563-77		L5563-78		L5563-84		L5563-82		L5563-83	
ID FROM REPORT -->		505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
SAMPLE DATE ----->		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
DATE EXTRACTED -->		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
DATE ANALYZED --->		10/28/95		10/28/95		10/28/95		10/28/95		10/28/95		10/28/95	
MATRIX ---------->		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
75-99-0	Dalapon	2500.	UJ	2900.	UJ	2300.	UJ	2100.	UJ	2300.	UJ	2500.	UJ
1918-00-9	Dicamba	100.	U	120.	U	96.	U	88.	U	96.	U	100.	U
93-65-2	MCPP	160000.	U	180000.	U	140000.	U	130000.	U	140000.	U	160000.	U
94-74-6	MCPA	100000.	U	120000.	U	94000.	U	86000.	U	94000.	U	100000.	U
120-36-5	Dichlorprop	700.	U	810.	U	650.	U	590.	U	650.	U	700.	U
94-75-7	2,4-D	200.	U	230.	U	180.	U	170.	U	180.	U	200.	U
93-72-1	2,4,5-TP (Silvex)	65.	U	75.	U	60.	U	55.	U	60.	U	65.	U
93-76-5	2,4,5-T	65.	U	75.	U	60.	U	55.	U	60.	U	65.	U
94-82-6	2,4-DB	1600.	U	1800.	U	1400.	U	1300.	U	1400.	U	1600.	U
88-85-7	Dinoseb	91.	U	110.	U	84.	U	77.	U	84.	U	91.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-HERB									
	SAMPLE ID ------->	505-S-B011-01		505-S-B011-02					
	ORIGINAL ID ----->	505SB01101		505SB01102					
	LAB SAMPLE ID --->	L5563-85		L5563-86					
	ID FROM REPORT -->	505SB01101		505SB01102					
	SAMPLE DATE ----->	10/07/95		10/07/95					
	DATE EXTRACTED -->	10/19/95		10/19/95					
	DATE ANALYZED --->	10/28/95		10/28/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5563	VAL	L5563	VAL				
75-99-0	Dalapon	2100.	UJ	2300.	UJ				
1918-00-9	Dicamba	88.	U	96.	U				
93-65-2	MCPP	130000.	U	140000.	U				
94-74-6	MCPA	86000.	U	94000.	U				
120-36-5	Dichlorprop	590.	U	650.	U				
94-75-7	2,4-D	170.	U	180.	U				
93-72-1	2,4,5-TP (Silvex)	55.	U	60.	U				
93-76-5	2,4,5-T	55.	U	60.	U				
94-82-6	2,4-DB	1300.	U	1400.	U				
88-85-7	Dinoseb	77.	U	84.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-31		L5545-32		L5554-48		L5554-49		L5554-67		L5554-68	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5545S	VAL	L5545S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL
7429-90-5	Aluminum (Al)	3290.		23900.		9700.		15400.		8760.		12100.	
7440-36-0	Antimony (Sb)	11.6	U	12.2	U	10.8	U	12.3	U	11.3	U	12.1	U
7440-38-2	Arsenic (As)	1.5	J	12.1		2.3		11.3	J	2.	J	6.2	
7440-39-3	Barium (Ba)	6.7	J	26.6	J	18.7	J	19.4	J	27.6	J	20.4	J
7440-41-7	Beryllium (Be)	0.23	U	0.29	J	0.27	J	0.24	J	0.37	J	0.24	U
7440-43-9	Cadmium (Cd)	1.1	U	1.2	U	1.1	UJ	1.2	UJ	1.1	UJ	1.2	UJ
7440-70-2	Calcium (Ca)	4090.		2280.		716.	J	654.	J	1100.	J	1220.	J
7440-47-3	Chromium (Cr)	5.7		36.1		6.7		28.6		5.9		16.3	
7440-48-4	Cobalt (Co)	1.4	U	2.	J	1.3	U	1.5	J	1.3	U	1.4	U
7440-50-8	Copper (Cu)	3.7	J	3.9	J	3.5	J	2.9	J	2.2	J	1.1	J
7439-89-6	Iron (Fe)	2020.		29800.		5070.		33300.		4220.		14200.	
7439-92-1	Lead (Pb)	14.4		11.8		4.2	J	9.9	J	9.4	J	7.7	J
7439-95-4	Magnesium (Mg)	207.	J	1420.		370.	J	983.	J	352.	J	653.	J
7439-96-5	Manganese (Mn)	13.9		33.5		18.9		41.9		44.2		15.4	
7439-97-6	Mercury (Hg)	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U
7440-02-0	Nickel (Ni)	3.2	U	4.7	J	3.	U	5.3	J	3.2	J	3.3	U
7440-09-7	Potassium (K)	141.	J	965.	J	184.	J	626.	J	142.	J	213.	J
7782-49-2	Selenium (Se)	0.68	U	1.1	J	1.	J	1.9		0.65	U	0.78	J
7440-22-4	Silver (Ag)	0.68	U	0.72	U	0.64	U	0.72	U	0.66	U	0.71	U
7440-23-5	Sodium (Na)	228.	J	511.	J	195.	J	227.	J	172.	J	167.	J
7440-28-0	Thallium (Tl)	0.91	UJ	0.97	UJ	0.85	U	0.95	U	0.87	U	0.94	U
7440-62-2	Vanadium (V)	4.5	J	52.1		10.	J	38.8		8.1	J	24.9	
7440-66-6	Zinc (Zn)	16.4		19.8		20.3		12.8		17.		9.1	
7440-31-5	Tin (Sn)	8.4	U	8.8	U	7.8	U	8.9	U	8.2	U	8.8	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META															
	SAMPLE ID ------->	042-S-B004-01		042-C-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01	
	ORIGINAL ID ----->	042SB00401		042CB00401		042SB00402		042SB00501		042SB00502		042SB00601	
	LAB SAMPLE ID --->	L5554-52		L5552-1		L5554-53		L5554-54		L5554-55		L5554-50	
	ID FROM REPORT -->	042SB00401		042CB00401		042SB00402		042SB00501		042SB00502		042SB00601	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/16/95		10/14/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5554S	VAL	L5552S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL
7429-90-5	Aluminum (Al)	3130.		3570.		13900.		6000.		16700.		3860.	
7440-36-0	Antimony (Sb)	11.3	U	11.1	U	11.9	U	11.3	U	12.9	U	11.4	U
7440-38-2	Arsenic (As)	1.8	J	2.4		5.		2.1	J	5.9		0.93	U
7440-39-3	Barium (Ba)	13.1	J	13.9	J	23.8	J	25.1	J	22.5	J	14.5	J
7440-41-7	Beryllium (Be)	0.22	U	0.22	U	0.23	U	0.22	U	0.25	U	0.22	U
7440-43-9	Cadmium (Cd)	1.1	UJ	1.1	U	1.2	UJ	1.1	UJ	1.3	UJ	1.1	UJ
7440-70-2	Calcium (Ca)	4870.	J	1000.	J	950.	J	1090.	J	565.	J	38800.	J
7440-47-3	Chromium (Cr)	3.2		4.3		22.7		7.3		25.5		5.9	
7440-48-4	Cobalt (Co)	1.3	U	1.3	U	2.3	J	1.3	U	1.5	U	1.3	U
7440-50-8	Copper (Cu)	8.		7.8		2.5	J	8.7		2.4	J	9.4	
7439-89-6	Iron (Fe)	2210.		2370.		15400.		5500.		19300.		3280.	
7439-92-1	Lead (Pb)	11.3	J	17.		10.7	J	30.7	J	10.7	J	23.	J
7439-95-4	Magnesium (Mg)	218.	J	185.	J	742.	J	321.	J	1070.	J	686.	J
7439-96-5	Manganese (Mn)	33.6		22.7		20.9		34.7		32.1		61.6	
7439-97-6	Mercury (Hg)	0.11	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U
7440-02-0	Nickel (Ni)	3.1	U	3.	U	3.6	J	3.1	U	3.5	U	3.1	U
7440-09-7	Potassium (K)	115.	U	174.	J	439.	J	210.	J	518.	J	189.	J
7782-49-2	Selenium (Se)	0.66	U	0.68	J	0.74	J	0.67	U	0.75	U	0.7	U
7440-22-4	Silver (Ag)	0.66	U	0.65	U	0.7	U	0.67	U	0.76	U	0.67	U
7440-23-5	Sodium (Na)	190.	J	229.	J	195.	J	176.	J	215.	J	226.	J
7440-28-0	Thallium (Tl)	0.88	U	0.85	U	0.92	U	0.89	U	1.	U	0.93	U
7440-62-2	Vanadium (V)	3.9	J	4.8	J	25.3		11.7		30.3		9.6	J
7440-66-6	Zinc (Zn)	30.5		23.6		16.9		39.9		14.6		50.9	
7440-31-5	Tin (Sn)	8.2	U	8.	U	8.6	U	8.2	U	9.4	U	8.3	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-S-B006-02		042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01	
	ORIGINAL ID ----->	042SB00602		042SB00701		042SB00702		042SB00801		042SB00802		042SB00901	
	LAB SAMPLE ID --->	L5554-51		L5554-58		L5554-59		L5554-60		L5554-62		L5554-63	
	ID FROM REPORT -->	042SB00602		042SB00701		042SB00702		042SB00801		042SB00802		042SB00901	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5554S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL	L5554S	VAL
7429-90-5	Aluminum (Al)	13100.		6690.		11800.		2550.		13600.		7120.	
7440-36-0	Antimony (Sb)	12.3	U	14.2	U	12.	U	11.6	U	12.4	U	11.8	U
7440-38-2	Arsenic (As)	4.3		5.5		3.8		1.1	J	9.5		6.1	
7440-39-3	Barium (Ba)	23.7	J	37.2	J	17.	J	12.5	J	17.2	J	56.2	
7440-41-7	Beryllium (Be)	0.24	U	0.28	U	0.23	U	0.23	U	0.25	J	0.23	U
7440-43-9	Cadmium (Cd)	1.2	UJ	1.4	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.2	UJ
7440-70-2	Calcium (Ca)	1410.	J	2250.	J	1030.	J	543.	J	452.	J	1970.	J
7440-47-3	Chromium (Cr)	17.3		10.4		15.2		3.5		14.4		11.1	
7440-48-4	Cobalt (Co)	1.4	U	1.7	U	1.4	U	1.4	U	1.5	U	1.4	J
7440-50-8	Copper (Cu)	2.2	J	16.4		1.6	J	2.9	J	2.	J	13.9	
7439-89-6	Iron (Fe)	12200.		7850.		5780.		2440.		14200.		6400.	
7439-92-1	Lead (Pb)	7.	J	96.	J	5.5	J	7.1	J	6.2	J	1180.	J
7439-95-4	Magnesium (Mg)	746.	J	393.	J	552.	J	187.	J	661.	J	429.	J
7439-96-5	Manganese (Mn)	22.8		59.1		10.2		21.1		24.		60.4	
7439-97-6	Mercury (Hg)	0.13	U	0.14	U	0.12	U	0.11	U	0.12	U	0.16	
7440-02-0	Nickel (Ni)	3.4	U	3.9	U	3.3	U	3.2	U	3.7	J	3.2	U
7440-09-7	Potassium (K)	545.	J	164.	J	207.	J	119.	U	572.	J	120.	U
7782-49-2	Selenium (Se)	0.74	U	0.85	U	0.73	U	0.69	U	0.72	U	0.7	U
7440-22-4	Silver (Ag)	0.72	U	0.83	U	0.7	U	0.68	U	0.73	U	0.69	U
7440-23-5	Sodium (Na)	265.	J	234.	J	176.	J	183.	J	186.	J	188.	J
7440-28-0	Thallium (Tl)	0.98	U	1.1	U	0.98	U	0.92	U	0.96	U	0.94	U
7440-62-2	Vanadium (V)	22.4		17.4		12.7		5.7	J	23.6		13.3	
7440-66-6	Zinc (Zn)	12.7		101.		12.3		11.1		11.6		224.	
7440-31-5	Tin (Sn)	8.9	U	10.3	U	8.7	U	8.4	U	9.	U	8.5	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-S-B009-02		042-C-B009-02		042-S-B010-01		042-S-B011-01		042-S-B011-02		042-S-B012-01	
	ORIGINAL ID ----->	042SB00902		042CB00902		042SB01001		042SB01101		042SB01102		042SB01201	
	LAB SAMPLE ID --->	L5554-64		L5552-2		L5563-137		25106.01		25106.04		25106.02	
	ID FROM REPORT -->	042SB00902		042CB00902		042SB01001		042SB01101		042SB01102		042SB01201	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	10/16/95		10/14/95		10/18/95		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	10/21/95		10/21/95		10/25/95		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5554S	VAL	L5552S	VAL	L5563S	VAL	25106	VAL	25106	VAL	25106	VAL
7429-90-5	Aluminum (Al)	10000.		14300.		9010.		4010.		8450.		2940.	
7440-36-0	Antimony (Sb)	12.6	U	11.9	U	15.9	U	0.34	UJ	0.35	UJ	0.35	UJ
7440-38-2	Arsenic (As)	3.4		5.3		12.3		3.2		6.3		4.8	
7440-39-3	Barium (Ba)	29.1	J	34.	J	160.		42.5		11.7		15.6	
7440-41-7	Beryllium (Be)	0.25	U	0.23	U	0.38	J	0.19	J	0.17	J	0.28	
7440-43-9	Cadmium (Cd)	1.2	UJ	1.2	U	1.6	U	0.19	J	0.05	U	0.05	U
7440-70-2	Calcium (Ca)	1190.	J	1410.		7950.	J	15500.	J	1460.	J	3070.	J
7440-47-3	Chromium (Cr)	15.9		21.2		29.2	J	6.5		19.		6.	
7440-48-4	Cobalt (Co)	1.5	U	1.4	U	2.8	J	1.	J	0.82	J	0.48	J
7440-50-8	Copper (Cu)	2.9	J	2.1	J	121.		8.5		0.75	J	1.7	J
7439-89-6	Iron (Fe)	7550.		11600.		9260.	J	4150.		13200.		1760.	
7439-92-1	Lead (Pb)	16.6	J	9.8		339.		162.	J	8.4	J	7.2	J
7439-95-4	Magnesium (Mg)	656.	J	890.	J	820.	J	370.		527.		207.	
7439-96-5	Manganese (Mn)	12.1		18.4		73.7	J	53.8		13.3		10.2	
7439-97-6	Mercury (Hg)	0.12	U	0.12	U	0.32	J	0.11		0.04	U	0.04	U
7440-02-0	Nickel (Ni)	3.5	U	3.3	U	12.9		2.5	J	1.8	J	1.2	J
7440-09-7	Potassium (K)	473.	J	385.	J	380.	J	542.	J	761.		490.	J
7782-49-2	Selenium (Se)	0.72	U	0.7	U	1.2	J	0.34	U	0.35	U	0.35	U
7440-22-4	Silver (Ag)	0.74	U	0.7	U	0.94	U	0.22	U	0.22	U	0.22	U
7440-23-5	Sodium (Na)	209.	J	251.	J	433.	J	59.2	J	67.8	J	61.3	J
7440-28-0	Thallium (Tl)	0.96	U	0.93	UJ	1.2	U	0.42	J	0.4	U	0.4	U
7440-62-2	Vanadium (V)	15.5		23.9		39.9		8.4		28.4		3.9	
7440-66-6	Zinc (Zn)	14.		15.8		303.		74.1		6.3		9.	
7440-31-5	Tin (Sn)	9.1	U	8.6	U	28.5	J	3.	J	0.59	U	0.58	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META													
	SAMPLE ID ------->	042-S-B012-02		042-S-B013-01		042-S-B013-02		042-S-B014-01		042-S-B014-02		042-S-B015-01	
	ORIGINAL ID ----->	042SB01202		042SB01301		042SB01302		042SB01401		042SB01402		042SB01501	
	LAB SAMPLE ID --->	25106.03		25106.05		25106.06		25106.07		25106.10		25106.11	
	ID FROM REPORT -->	042SB01202		042SB01301		042SB01302		042SB01401		042SB01402		042SB01501	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
7429-90-5	Aluminum (Al)	2970.		3900.		7170.		2490.		4080.		4120.	
7440-36-0	Antimony (Sb)	0.37	UJ	0.51	J	0.35	UJ	0.96	J	0.91	J	0.36	J
7440-38-2	Arsenic (As)	4.9		9.5		3.		30.3		4.2		4.9	
7440-39-3	Barium (Ba)	32.		27.9		23.		41.8		108.		15.8	
7440-41-7	Beryllium (Be)	0.24	J	0.19	J	0.14	J	0.27		0.16	J	0.18	J
7440-43-9	Cadmium (Cd)	0.05	U	0.11	J	0.05	U	0.32	J	0.41	J	0.05	J
7440-70-2	Calcium (Ca)	576.	J	824.	J	998.	J	1400.	J	1600.	J	9480.	J
7440-47-3	Chromium (Cr)	3.7		6.8		11.3		8.6		7.3		5.7	
7440-48-4	Cobalt (Co)	0.68	J	1.	J	0.66	J	2.4	J	0.86	J	0.62	J
7440-50-8	Copper (Cu)	15.3		23.6		1.3	J	35.5		10.1		2.9	
7439-89-6	Iron (Fe)	3690.		4380.		5620.		5940.		6060.		5550.	
7439-92-1	Lead (Pb)	64.6	J	167.	J	6.1	J	173.	J	122.	J	26.9	J
7439-95-4	Magnesium (Mg)	349.		256.		343.		305.		268.		318.	
7439-96-5	Manganese (Mn)	17.3		47.8		24.5		308.		71.1		35.1	
7439-97-6	Mercury (Hg)	0.05		0.09		0.04	U	0.13		0.07		0.04	U
7440-02-0	Nickel (Ni)	2.9	J	3.4	J	1.9	J	8.		2.2	J	1.9	J
7440-09-7	Potassium (K)	631.		423.	J	885.		676.		648.		620.	
7782-49-2	Selenium (Se)	0.37	U	0.35	U	0.35	U	0.37	U	0.37	U	0.55	J
7440-22-4	Silver (Ag)	0.24	U	0.22	U	0.22	U	0.23	U	0.24	U	0.21	U
7440-23-5	Sodium (Na)	796.		52.6	U	69.4	J	54.8	U	95.6	J	50.7	U
7440-28-0	Thallium (Tl)	0.42	U	0.4	U	0.4	U	0.41	U	0.48	J	0.38	U
7440-62-2	Vanadium (V)	5.4		10.8		12.8		13.9		8.1		10.7	
7440-66-6	Zinc (Zn)	27.6		56.3		27.5		171.		364.		14.4	
7440-31-5	Tin (Sn)	3.3	J	4.2	J	0.59	U	10.5		5.5	J	1.1	J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-C-B015-01		042-S-B015-02		042-S-B016-01		042-S-B016-02		042-S-B017-01		042-S-B017-02	
	ORIGINAL ID ----->	042CB01501		042SB01502		042SB01601		042SB01602		042SB01701		042SB01702	
	LAB SAMPLE ID --->	25107.01		25106.12		25106.17		25106.18		25106.15		25106.16	
	ID FROM REPORT -->	042CB01501		042SB01502		042SB01601		042SB01602		042SB01701		042SB01702	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
7429-90-5	Aluminum (Al)	3270.		5570.		2980.		1760.		3850.		3130.	
7440-36-0	Antimony (Sb)	0.34	U	0.35	UJ	0.39	J	0.37	UJ	0.75	J	1.5	J
7440-38-2	Arsenic (As)	4.2		4.7		28.2		1.2	J	38.6		21.4	
7440-39-3	Barium (Ba)	15.2		5.6		12.		4.		28.6		52.7	
7440-41-7	Beryllium (Be)	0.14	J	0.11	J	0.17	J	0.13	J	0.23	J	0.34	
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.06	J	0.05	U	0.32	J	0.13	J
7440-70-2	Calcium (Ca)	2610.		972.	J	1870.	J	398.	J	4450.	J	1640.	J
7440-47-3	Chromium (Cr)	4.9		8.6		11.9		2.5		29.2		7.5	
7440-48-4	Cobalt (Co)	0.35	J	0.39	J	0.7	J	0.21	J	1.6	J	1.7	J
7440-50-8	Copper (Cu)	3.3		0.44	U	6.4		2.	J	29.		39.5	
7439-89-6	Iron (Fe)	4850.		7730.		7100.		1570.		7740.		7580.	
7439-92-1	Lead (Pb)	29.3		4.5	J	39.2	J	13.1	J	86.5	J	131.	J
7439-95-4	Magnesium (Mg)	210.		317.		281.		191.		302.		233.	
7439-96-5	Manganese (Mn)	18.7		8.1		20.		5.2		81.5		52.4	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.07		0.04	U	0.13		0.23	
7440-02-0	Nickel (Ni)	1.4	J	0.62	J	1.9	J	0.83	J	5.1		2.9	J
7440-09-7	Potassium (K)	417.	J	709.		695.		489.	J	952.		649.	
7782-49-2	Selenium (Se)	0.34	U	0.35	U	0.35	U	0.37	U	0.49	J	0.49	J
7440-22-4	Silver (Ag)	0.21	U	0.22	U	0.22	U	0.23	U	0.22	U	0.24	U
7440-23-5	Sodium (Na)	50.8	U	107.	J	77.6	J	161.	J	110.	J	60.	J
7440-28-0	Thallium (Tl)	0.38	U	0.39	U	0.4	U	0.42	U	0.39	U	0.43	U
7440-62-2	Vanadium (V)	9.3		13.7		15.6		2.9		13.4		11.2	
7440-66-6	Zinc (Zn)	13.8		3.7		19.5		2.4	J	102.		54.6	
7440-31-5	Tin (Sn)	0.92	J	0.58	U	1.4	J	0.61	U	3.6	J	6.4	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-S-B018-01		042-S-B018-02		042-S-B019-01		042-S-B019-02		042-C-B019-02		042-S-B020-01	
	ORIGINAL ID ----->	042SB01801		042SB01802		042SB01901		042SB01902		042CB01902		042SB02001	
	LAB SAMPLE ID --->	25106.13		25106.14		25106.19		25106.20		25107.02		25106.21	
	ID FROM REPORT -->	042SB01801		042SB01802		042SB01901		042SB01902		042CB01902		042SB02001	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		04/04/96		04/04/96		04/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
7429-90-5	Aluminum (Al)	1880.		7100.		2250.		2920.		2530.		1200.	
7440-36-0	Antimony (Sb)	0.35	UJ	0.35	UJ	1.5	J	0.38	J	0.38	J	1.3	J
7440-38-2	Arsenic (As)	2.6		5.3		6.3		3.4		3.1		31.6	
7440-39-3	Barium (Ba)	15.8		9.1		19.8		21.6		15.9		18.6	
7440-41-7	Beryllium (Be)	0.13	J	0.12	J	0.17	J	0.15	J	0.12	J	0.09	J
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.3	J	0.43	J	0.36	J	0.06	J
7440-70-2	Calcium (Ca)	267.	J	179.	J	7030.	J	3390.	J	1780.		432.	J
7440-47-3	Chromium (Cr)	2.6		10.9		18.		5.8		6.5		3.5	
7440-48-4	Cobalt (Co)	0.3	J	0.56	J	1.1	J	0.7	J	0.52	J	0.26	J
7440-50-8	Copper (Cu)	4.		0.45	U	62.4		9.8		6.7		7.1	
7439-89-6	Iron (Fe)	2830.		9360.		7590.		4520.		3740.		2540.	
7439-92-1	Lead (Pb)	44.	J	5.9	J	128.	J	27.	J	19.3		153.	J
7439-95-4	Magnesium (Mg)	99.8		384.		231.		290.		204.		105.	
7439-96-5	Manganese (Mn)	18.5		10.8		68.4		51.7		26.4		10.2	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.35		0.04	U	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	0.86	J	0.94	J	8.1		1.8	J	2.9	J	1.1	J
7440-09-7	Potassium (K)	236.	J	552.	J	484.	J	668.		562.	J	508.	J
7782-49-2	Selenium (Se)	0.35	J	0.35	U	0.51	J	0.35	U	0.35	U	0.33	U
7440-22-4	Silver (Ag)	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.21	U
7440-23-5	Sodium (Na)	52.	U	58.4	J	93.8	J	107.	J	92.8	J	75.	J
7440-28-0	Thallium (Tl)	0.39	U	0.4	U	0.4	U	0.39	U	0.39	U	0.37	U
7440-62-2	Vanadium (V)	4.2		16.7		6.6		7.1		6.2		7.6	
7440-66-6	Zinc (Zn)	16.1		5.		110.		103.		74.5		19.7	
7440-31-5	Tin (Sn)	0.79	J	0.67	J	3.9	J	1.	J	0.91	J	1.9	J

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	042-S-B020-02		042-S-B021-01		042-S-B021-02		505-S-B001-01		505-S-B001-02		505-S-B002-01	
	ORIGINAL ID ----->	042SB02002		042SB02101		042SB02102		505SB00101		505SB00102		505SB00201	
	LAB SAMPLE ID --->	25106.22		25106.23		25106.24		L5554-65		L5554-66		L5563-129	
	ID FROM REPORT -->	042SB02002		042SB02101		042SB02102		505SB00101		505SB00102		505SB00201	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		10/06/95		10/06/95		10/07/95	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		10/16/95		10/16/95		10/18/95	
	DATE ANALYZED --->	04/04/96		04/04/96		04/04/96		10/21/95		10/21/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	L5554S	VAL	L5554S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	2290.		2680.		4410.		4550.		1710.		5730.	
7440-36-0	Antimony (Sb)	0.36	J	0.8	J	0.34	UJ	14.	U	13.6	J	11.7	U
7440-38-2	Arsenic (As)	12.		25.4		4.2		2.9		0.92	U	62.	
7440-39-3	Barium (Ba)	15.8		19.		10.6		10.3	J	7.1	J	23.1	J
7440-41-7	Beryllium (Be)	0.11	J	0.13	J	0.13	J	0.27	U	0.23	U	0.23	U
7440-43-9	Cadmium (Cd)	0.05	J	0.22	J	0.05	U	1.4	UJ	1.2	UJ	1.1	U
7440-70-2	Calcium (Ca)	438.	J	3120.	J	781.	J	1900.	J	450.	J	7770.	J
7440-47-3	Chromium (Cr)	5.4		5.5		7.2		5.8		3.4		14.7	J
7440-48-4	Cobalt (Co)	0.42	J	0.41	J	0.39	J	1.6	U	1.4	U	1.4	U
7440-50-8	Copper (Cu)	2.9		14.3		0.73	J	4.9	J	1.5	J	49.4	
7439-89-6	Iron (Fe)	3100.		3460.		6570.		3630.		1540.		5900.	J
7439-92-1	Lead (Pb)	68.5	J	34.4	J	4.5	J	5.9	J	2.2	J	73.5	
7439-95-4	Magnesium (Mg)	160.		138.		296.		185.	J	130.	J	450.	J
7439-96-5	Manganese (Mn)	9.8		15.1		9.8		16.6		10.2		54.5	J
7439-97-6	Mercury (Hg)	0.04	U	0.08		0.04	U	0.14	U	0.12	U	0.12	UJ
7440-02-0	Nickel (Ni)	1.9	J	2.	J	0.91	J	3.8	U	3.3	U	7.5	J
7440-09-7	Potassium (K)	531.	J	432.	J	734.		142.	U	121.	U	180.	J
7782-49-2	Selenium (Se)	0.32	U	0.35	U	0.34	U	0.85	U	0.69	U	0.7	UJ
7440-22-4	Silver (Ag)	0.2	U	0.22	U	0.22	U	0.82	U	0.7	U	0.69	U
7440-23-5	Sodium (Na)	57.5	J	107.	J	59.1	J	206.	J	183.	J	218.	J
7440-28-0	Thallium (Tl)	0.36	U	0.39	U	0.39	U	1.1	U	0.92	U	0.94	U
7440-62-2	Vanadium (V)	6.8		6.2		11.2		8.2	J	3.7	J	12.1	
7440-66-6	Zinc (Zn)	15.4		64.3		4.		10.8		6.		105.	
7440-31-5	Tin (Sn)	0.57	J	5.7	J	0.57	U	10.1	U	8.6	U	11.	J

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

SAMPLE ID ------->		505-S-B003-01		505-S-B003-02		505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02	
ORIGINAL ID ----->		505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
LAB SAMPLE ID --->		L5563-130		L5563-131		L5554-56		L5554-57		L5563-122		L5563-123	
ID FROM REPORT -->		505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
SAMPLE DATE ----->		10/07/95		10/07/95		10/06/95		10/06/95		10/07/95		10/07/95	
DATE EXTRACTED -->		10/18/95		10/18/95		10/16/95		10/16/95		10/17/95		10/17/95	
DATE ANALYZED --->		10/25/95		10/25/95		10/21/95		10/21/95		10/25/95		10/25/95	
MATRIX ---------->		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ---------->		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5554S	VAL	L5554S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	5150.		1880.		6190.		6460.		6820.		2690.	
7440-36-0	Antimony (Sb)	11.9	U	11.7	U	11.9	U	12.4	U	12.3	U	12.	U
7440-38-2	Arsenic (As)	3.3		0.9	U	6.6		2.7		8.6		0.93	U
7440-39-3	Barium (Ba)	35.6	J	8.7	J	28.5	J	63.7		19.8	J	12.8	J
7440-41-7	Beryllium (Be)	0.23	U	0.23	U	0.23	U	0.25	J	0.24	U	0.24	U
7440-43-9	Cadmium (Cd)	1.2	U	1.1	U	1.2	UJ	1.2	UJ	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	13600.	J	1010.	J	2300.	J	2890.	J	1640.	J	514.	J
7440-47-3	Chromium (Cr)	12.7	J	2.9	J	12.7		9.1		14.3	J	3.3	J
7440-48-4	Cobalt (Co)	4.3	J	1.4	U	1.7	J	1.5	U	1.6	J	1.4	U
7440-50-8	Copper (Cu)	23.5		2.2	J	20.6		9.6		21.4		1.8	J
7439-89-6	Iron (Fe)	12200.	J	1660.	J	5460.		4350.		11100.	J	1500.	J
7439-92-1	Lead (Pb)	43.6		2.9		125.	J	216.	J	491.		7.2	
7439-95-4	Magnesium (Mg)	651.	J	163.	J	406.	J	657.	J	375.	J	194.	J
7439-96-5	Manganese (Mn)	56.1	J	27.3	J	36.8		33.5		69.1	J	8.8	J
7439-97-6	Mercury (Hg)	0.11	UJ	0.12	UJ	0.12	U	0.12	U	0.12	UJ	0.12	UJ
7440-02-0	Nickel (Ni)	20.		3.2	U	3.3	U	3.4	U	8.9	J	3.3	U
7440-09-7	Potassium (K)	435.	J	131.	J	227.	J	126.	U	136.	J	122.	U
7782-49-2	Selenium (Se)	0.7	UJ	0.67	U	0.72	U	0.74	U	0.7	U	0.7	U
7440-22-4	Silver (Ag)	0.7	U	0.69	U	0.7	U	0.73	U	0.72	U	0.71	U
7440-23-5	Sodium (Na)	291.	J	201.	J	199.	J	220.	J	275.	J	211.	J
7440-28-0	Thallium (Tl)	0.94	U	0.9	U	0.96	U	0.99	U	0.94	U	0.93	U
7440-62-2	Vanadium (V)	25.		3.4	J	11.1	J	7.4	J	13.4		3.6	J
7440-66-6	Zinc (Zn)	37.		7.5		95.7		139.		85.5		7.5	
7440-31-5	Tin (Sn)	11.2	J	10.1	J	10.5	J	9.	U	8.9	U	8.7	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	505-S-B006-01		505-S-B007-01		505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01	
	ORIGINAL ID ----->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	LAB SAMPLE ID --->	L5563-124		L5563-125		L5563-126		L5563-127		L5563-128		L5563-134	
	ID FROM REPORT -->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/17/95		10/17/95		10/17/95		10/17/95		10/18/95		10/18/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	6520.		6710.		13800.		7810.		12400.		8700.	
7440-36-0	Antimony (Sb)	12.8	U	13.6	U	12.7	U	14.9	U	12.4	U	11.5	U
7440-38-2	Arsenic (As)	7.		18.2		5.4		12.9		6.		3.6	
7440-39-3	Barium (Ba)	41.1	J	19.5	J	36.1	J	37.6	J	21.3	J	13.1	J
7440-41-7	Beryllium (Be)	0.25	U	0.27	U	0.25	U	0.29	U	0.24	U	0.23	U
7440-43-9	Cadmium (Cd)	1.3	U	1.3	U	1.2	U	1.5	U	1.2	U	1.1	U
7440-70-2	Calcium (Ca)	1790.	J	9200.	J	2380.	J	33700.	J	1760.	J	54500.	J
7440-47-3	Chromium (Cr)	13.8	J	18.3	J	14.5	J	20.1	J	12.	J	11.4	J
7440-48-4	Cobalt (Co)	16.6		1.7	J	1.5	U	1.8	U	1.5	U	1.4	U
7440-50-8	Copper (Cu)	192.		18.7		5.1	J	76.6		7.4		6.3	
7439-89-6	Iron (Fe)	47500.	J	8180.	J	36700.	J	9370.	J	9800.	J	5380.	J
7439-92-1	Lead (Pb)	26.		94.9		37.		195.		15.3		15.4	
7439-95-4	Magnesium (Mg)	248.	J	357.	J	482.	J	827.	J	352.	J	894.	J
7439-96-5	Manganese (Mn)	311.	J	67.1	J	186.	J	90.7	J	16.3	J	46.1	J
7439-97-6	Mercury (Hg)	0.12	UJ	0.13	UJ	0.13	UJ	0.3	J	0.12	UJ	0.12	UJ
7440-02-0	Nickel (Ni)	11.8		6.2	J	3.9	J	13.6		6.7	J	7.8	J
7440-09-7	Potassium (K)	151.	J	230.	J	347.	J	290.	J	262.	J	444.	J
7782-49-2	Selenium (Se)	0.75	U	0.8	UJ	0.73	UJ	1.1	J	0.9	J	0.69	UJ
7440-22-4	Silver (Ag)	0.75	U	0.8	U	0.75	U	0.88	U	0.73	U	0.68	U
7440-23-5	Sodium (Na)	222.	J	264.	J	259.	J	276.	J	222.	J	249.	J
7440-28-0	Thallium (Tl)	1.	U	1.1	U	0.97	U	1.2	U	0.97	U	0.92	U
7440-62-2	Vanadium (V)	13.6		14.2		24.4		18.4		15.		13.3	
7440-66-6	Zinc (Zn)	35.1		61.7		33.6		173.		16.9		18.4	
7440-31-5	Tin (Sn)	9.3	U	9.8	U	9.2	U	14.7	J	9.4	J	8.3	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	505-S-B010-01		505-S-B010-02		505-S-B011-01		505-S-B011-02			
	ORIGINAL ID ----->	505SB01001		505SB01002		505SB01101		505SB01102			
	LAB SAMPLE ID --->	L5563-132		L5563-133		L5563-135		L5563-136			
	ID FROM REPORT -->	505SB01001		505SB01002		505SB01101		505SB01102			
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95			
	DATE EXTRACTED -->	10/18/95		10/18/95		10/18/95		10/18/95			
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL		
7429-90-5	Aluminum (Al)	5200.		3440.		6820.		2320.			
7440-36-0	Antimony (Sb)	11.4	U	12.9	U	10.9	U	12.	U		
7440-38-2	Arsenic (As)	33.1		2.1	J	10.3		0.92	U		
7440-39-3	Barium (Ba)	13.	J	11.	J	11.6	J	8.	J		
7440-41-7	Beryllium (Be)	0.22	U	0.25	U	0.21	U	0.23	U		
7440-43-9	Cadmium (Cd)	1.1	U	1.3	U	1.1	U	1.2	U		
7440-70-2	Calcium (Ca)	1180.	J	957.	J	5290.	J	818.	J		
7440-47-3	Chromium (Cr)	8.1	J	4.2	J	7.2	J	2.1	J		
7440-48-4	Cobalt (Co)	1.3	U	1.5	U	1.3	U	1.4	U		
7440-50-8	Copper (Cu)	8.5		2.6	J	5.4		1.2	J		
7439-89-6	Iron (Fe)	5790.	J	2280.	J	3450.	J	1820.	J		
7439-92-1	Lead (Pb)	26.5		15.4		6.1		2.2			
7439-95-4	Magnesium (Mg)	201.	J	218.	J	286.	J	182.	J		
7439-96-5	Manganese (Mn)	39.	J	12.2	J	13.	J	11.9	J		
7439-97-6	Mercury (Hg)	0.11	UJ	0.13	UJ	0.11	UJ	0.12	UJ		
7440-02-0	Nickel (Ni)	5.8	J	3.5	U	3.	U	3.3	U		
7440-09-7	Potassium (K)	128.	J	195.	J	156.	J	122.	U		
7782-49-2	Selenium (Se)	0.68	U	0.78	U	0.72	J	0.69	U		
7440-22-4	Silver (Ag)	0.67	U	0.76	U	0.64	U	0.7	U		
7440-23-5	Sodium (Na)	219.	J	237.	J	228.	J	199.	J		
7440-28-0	Thallium (Tl)	0.9	U	1.	U	0.87	U	0.92	U		
7440-62-2	Vanadium (V)	9.1	J	4.1	J	9.3	J	2.6	J		
7440-66-6	Zinc (Zn)	21.		16.3		8.3		4.4	J		
7440-31-5	Tin (Sn)	8.3	U	9.3	U	7.9	U	8.7	U		

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST													
	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-21		L5545-22		L5554-25		L5554-26		L5554-46		L5554-47	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/29/95		10/29/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
319-84-6	alpha-BHC	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
319-85-7	beta-BHC	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
319-86-8	delta-BHC	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
76-44-8	Heptachlor	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
309-00-2	Aldrin	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
1024-57-3	Heptachlor epoxide	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
5103-74-2	gamma-Chlordane	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
959-98-8	Endosulfan I	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
5103-71-9	alpha-Chlordane	2.	U	2.	U	1.9	U	2.	U	1.9	U	2.	U
72-55-9	4,4'-DDE	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
50-29-3	4,4'-DDT	4.8	U	6.8	U	3.6	U	4.	U	3.6	U	4.	U
60-57-1	Dieldrin	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
72-20-8	Endrin	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
33213-65-9	Endosulfan II	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
72-54-8	4,4'-DDD	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
7421-93-4	Endrin aldehyde	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
1031-07-8	Endosulfan sulfate	4.	U	4.	U	3.6	U	4.	U	3.6	U	4.	U
72-43-5	Methoxychlor	20.	U	20.	U	19.	U	20.	U	19.	U	20.	U
8001-35-2	Toxaphene	200.	U	200.	U	190.	U	200.	U	190.	U	200.	U
12674-11-2	Aroclor-1016	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
11104-28-2	Aroclor-1221	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
11141-16-5	Aroclor-1232	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
53469-21-9	Aroclor-1242	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
12672-29-6	Aroclor-1248	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
11097-69-1	Aroclor-1254	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
11096-82-5	Aroclor-1260	16.	U	16.	U	14.	U	16.	U	14.	U	16.	U
57-74-9	Chlordane	48.	U	48.	U	44.	U	48.	U	44.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST

	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-29		L5554-30		L5554-31		L5554-32		L5554-27		L5554-28	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/29/95		10/29/95		10/29/95		10/29/95		10/29/95		10/29/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
319-85-7	beta-BHC	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
319-86-8	delta-BHC	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
76-44-8	Heptachlor	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
309-00-2	Aldrin	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
959-98-8	Endosulfan I	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	1.9	U	2.2	U	2.	U	2.2	U
72-55-9	4,4'-DDE	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
50-29-3	4,4'-DDT	9.7	J	4.	U	3.6	U	4.3	U	7.2		4.3	U
60-57-1	Dieldrin	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
72-20-8	Endrin	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
33213-65-9	Endosulfan II	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
72-54-8	4,4'-DDD	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	3.6	U	4.3	U	4.	U	4.3	U
72-43-5	Methoxychlor	19.	U	20.	U	19.	U	22.	U	20.	U	22.	U
8001-35-2	Toxaphene	190.	U	200.	U	190.	U	220.	U	200.	U	220.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	14.	U	17.	U	16.	U	17.	U
57-74-9	Chlordane	44.	U	48.	U	44.	U	52.	U	48.	U	52.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
LAB SAMPLE ID --->	L5554-35		L5554-36		L5554-37		L5554-41		L5554-42		L5554-43	
ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
DATE ANALYZED --->	10/30/95		10/30/95		10/30/95		10/30/95		10/30/95		10/30/95	
MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS # Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
319-84-6 alpha-BHC	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
319-85-7 beta-BHC	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
58-89-9 gamma-BHC (Lindane)	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
319-86-8 delta-BHC	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
76-44-8 Heptachlor	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
309-00-2 Aldrin	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
1024-57-3 Heptachlor epoxide	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
5103-74-2 gamma-Chlordane	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
959-98-8 Endosulfan I	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
5103-71-9 alpha-Chlordane	2.4	U	2.	U	2.	U	2.	UJ	2.	U	2.	U
72-55-9 4,4'-DDE	69.		4.	U	4.	U	4.	UJ	72.		4.	U
50-29-3 4,4'-DDT	47.		4.	U	19.		4.	UJ	62.		4.	U
60-57-1 Dieldrin	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
72-20-8 Endrin	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
33213-65-9 Endosulfan II	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
72-54-8 4,4'-DDD	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
7421-93-4 Endrin aldehyde	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
1031-07-8 Endosulfan sulfate	4.6	U	4.	U	4.	U	4.	UJ	4.	U	4.	U
72-43-5 Methoxychlor	24.	U	20.	U	20.	U	20.	UJ	20.	U	20.	U
8001-35-2 Toxaphene	240.	U	200.	U	200.	U	200.	UJ	200.	U	200.	U
12674-11-2 Aroclor-1016	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
11104-28-2 Aroclor-1221	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
11141-16-5 Aroclor-1232	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
53469-21-9 Aroclor-1242	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
12672-29-6 Aroclor-1248	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
11097-69-1 Aroclor-1254	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
11096-82-5 Aroclor-1260	18.	U	16.	U	16.	U	16.	UJ	16.	U	16.	U
57-74-9 Chlordane	56.	U	48.	U	48.	U	48.	UJ	48.	U	48.	U
53494-70-5 Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6 Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0 Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

WB46-PEST															
	SAMPLE ID ------->	042-S-B010-01		505-S-B001-01		505-S-B001-02		505-S-B002-01		505-S-B003-01		505-S-B003-02	
	ORIGINAL ID ----->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	LAB SAMPLE ID --->	L5563-87		L5554-44		L5554-45		L5563-79		L5563-80		L5563-81	
	ID FROM REPORT -->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	SAMPLE DATE ----->	10/07/95		10/06/95		10/06/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/21/95		10/19/95		10/19/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/31/95		10/30/95		10/30/95		10/31/95		10/31/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL
319-84-6	alpha-BHC	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
319-85-7	beta-BHC	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
58-89-9	gamma-BHC (Lindane)	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
319-86-8	delta-BHC	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
76-44-8	Heptachlor	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
309-00-2	Aldrin	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
1024-57-3	Heptachlor epoxide	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
5103-74-2	gamma-Chlordane	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
959-98-8	Endosulfan I	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
5103-71-9	alpha-Chlordane	2.7	U	2.4	U	2.	U	2.	UJ	2.	U	2.	U
72-55-9	4,4'-DDE	2500.	DJ	4.6	U	4.	U	39.	J	34.		4.	U
50-29-3	4,4'-DDT	2300.	DJ	4.6	U	4.	U	4.	UJ	170.	D	4.	U
60-57-1	Dieldrin	5.3	U	4.6	U	4.	U	4.	UJ	4.	U	4.	U
72-20-8	Endrin	5.3	U	4.6	U	4.	U	4.	UJ	4.	U	4.	U
33213-65-9	Endosulfan II	5.3	U	4.6	U	4.	U	4.	UJ	4.	U	4.	U
72-54-8	4,4'-DDD	700.	DJ	4.6	U	4.	U	4.	UJ	4.	U	4.	U
7421-93-4	Endrin aldehyde	5.3	U	4.6	U	4.	U	4.	UJ	4.	U	4.	U
1031-07-8	Endosulfan sulfate	5.3	U	4.6	U	4.	U	4.	UJ	4.	U	4.	U
72-43-5	Methoxychlor	27.	U	24.	U	20.	U	20.	UJ	20.	U	20.	U
8001-35-2	Toxaphene	270.	U	240.	U	200.	U	200.	UJ	200.	U	200.	U
12674-11-2	Aroclor-1016	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
11104-28-2	Aroclor-1221	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
11141-16-5	Aroclor-1232	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
53469-21-9	Aroclor-1242	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
12672-29-6	Aroclor-1248	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
11097-69-1	Aroclor-1254	21.	U	18.	U	16.	U	16.	UJ	16.	U	16.	U
11096-82-5	Aroclor-1260	21.	U	18.	U	16.	U	270.	J	16.	U	26.	
57-74-9	Chlordane	64.	U	56.	U	48.	U	48.	UJ	48.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST													
	SAMPLE ID ------->	505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02		505-S-B006-01		505-S-B007-01	
	ORIGINAL ID ----->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	LAB SAMPLE ID --->	L5554-33		L5554-34		L5563-72		L5563-73		L5563-74		L5563-75	
	ID FROM REPORT -->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/29/95		10/30/95		10/31/95		10/30/95		10/31/95		10/31/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
319-84-6	alpha-BHC	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
319-85-7	beta-BHC	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
319-86-8	delta-BHC	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
76-44-8	Heptachlor	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
309-00-2	Aldrin	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
1024-57-3	Heptachlor epoxide	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
5103-74-2	gamma-Chlordane	2.	U	2.	U	2.	U	2.	U	4.7		2.2	U
959-98-8	Endosulfan I	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
5103-71-9	alpha-Chlordane	2.	U	2.	U	2.	U	2.	U	2.2	U	2.2	U
72-55-9	4,4'-DDE	20.	J	4.	U	4.	U	4.	U	12.		45.	
50-29-3	4,4'-DDT	4.	U	4.	U	4.	U	4.3		37.		4.3	U
60-57-1	Dieldrin	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
72-20-8	Endrin	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
33213-65-9	Endosulfan II	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
72-54-8	4,4'-DDD	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
7421-93-4	Endrin aldehyde	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
1031-07-8	Endosulfan sulfate	4.	U	4.	U	4.	U	4.	U	4.3	U	4.3	U
72-43-5	Methoxychlor	20.	U	20.	U	20.	U	20.	U	22.	U	22.	U
8001-35-2	Toxaphene	200.	U	200.	U	200.	U	200.	U	220.	U	220.	U
12674-11-2	Aroclor-1016	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
11104-28-2	Aroclor-1221	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
11141-16-5	Aroclor-1232	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
53469-21-9	Aroclor-1242	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
12672-29-6	Aroclor-1248	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
11097-69-1	Aroclor-1254	16.	U	16.	U	16.	U	16.	U	17.	U	17.	U
11096-82-5	Aroclor-1260	16.	U	16.	U	83.		16.	U	210.		780.	
57-74-9	Chlordane	48.	U	48.	U	48.	U	48.	U	52.	U	52.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01		505-S-B010-01		505-S-B010-02	
	ORIGINAL ID ----->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	LAB SAMPLE ID --->	L5563-76		L5563-77		L5563-78		L5563-84		L5563-82		L5563-83	
	ID FROM REPORT -->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/30/95		10/31/95		10/31/95		10/30/95		10/31/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
319-84-6	alpha-BHC	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
319-85-7	beta-BHC	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
319-86-8	delta-BHC	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
76-44-8	Heptachlor	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
309-00-2	Aldrin	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
5103-74-2	gamma-Chlordane	2.2	U	17.		2.	U	1.9	U	2.	U	2.2	U
959-98-8	Endosulfan I	2.2	U	2.6	U	2.	U	1.9	U	2.	U	2.2	U
5103-71-9	alpha-Chlordane	2.2	U	17.		2.	U	2.		2.	U	2.2	U
72-55-9	4,4'-DDE	4.3	U	54.		4.	U	3.6	U	4.	U	4.3	U
50-29-3	4,4'-DDT	4.3	U	5.	U	5.5		8.1		43.		4.3	U
60-57-1	Dieldrin	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
72-20-8	Endrin	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
33213-65-9	Endosulfan II	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
72-54-8	4,4'-DDD	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
7421-93-4	Endrin aldehyde	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U	5.	U	4.	U	3.6	U	4.	U	4.3	U
72-43-5	Methoxychlor	22.	U	26.	U	20.	U	19.	U	20.	U	22.	U
8001-35-2	Toxaphene	220.	U	260.	U	200.	U	190.	U	200.	U	220.	U
12674-11-2	Aroclor-1016	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
11104-28-2	Aroclor-1221	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
11141-16-5	Aroclor-1232	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
53469-21-9	Aroclor-1242	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
12672-29-6	Aroclor-1248	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
11097-69-1	Aroclor-1254	17.	U	20.	U	16.	U	14.	U	16.	U	17.	U
11096-82-5	Aroclor-1260	17.	U	1800.		59.		14.	U	16.	U	17.	U
57-74-9	Chlordane	52.	U	60.	U	48.	U	44.	U	48.	U	52.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	505-S-B011-01		505-S-B011-02		505-S-B012-01		505-S-B012-02		505-S-B013-01		505-S-B013-02	
	ORIGINAL ID ----->	505SB01101		505SB01102		505SB01201		505SB01202		505SB01301		505SB01302	
	LAB SAMPLE ID --->	L5563-85		L5563-86		25095.15		25095.16		25106.28		25106.29	
	ID FROM REPORT -->	505SB01101		505SB01102		505SB01201		505SB01202		505SB01301		505SB01302	
	SAMPLE DATE ----->	10/07/95		10/07/95		03/28/96		03/28/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	10/21/95		10/21/95		03/30/96		03/30/96		04/01/96		04/01/96	
	DATE ANALYZED --->	10/31/95		10/30/95		04/09/96		04/09/96		04/06/96		04/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	25095	VAL	25095	VAL	25106	VAL	25106	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
319-85-7	beta-BHC	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
319-86-8	delta-BHC	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
76-44-8	Heptachlor	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
309-00-2	Aldrin	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
1024-57-3	Heptachlor epoxide	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
5103-74-2	gamma-Chlordane	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
959-98-8	Endosulfan I	1.9	U	2.	U	1.5	U	1.5	U	1.5	U	1.6	U
5103-71-9	alpha-Chlordane	1.9	U	2.	U	4.6	J	1.5	U	1.5	U	1.6	U
72-55-9	4,4'-DDE	76.		4.	U	20.	J	3.	U	15.		3.1	U
50-29-3	4,4'-DDT	65.		4.	U	21.	J	3.	U	2.8	U	3.1	U
60-57-1	Dieldrin	3.6	U	4.	U	2.9	U	3.	U	2.8	U	3.1	U
72-20-8	Endrin	3.6	U	4.	U	3.8	J	3.	U	2.8	U	3.1	U
33213-65-9	Endosulfan II	3.6	U	4.	U	2.9	U	3.	U	2.8	U	3.1	U
72-54-8	4,4'-DDD	3.6	U	4.	U	18.	J	3.	U	70.	J	3.1	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	2.9	U	3.	U	2.8	U	3.1	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	2.9	U	3.	U	2.8	U	3.1	U
72-43-5	Methoxychlor	19.	U	20.	U	15.	U	15.	U	15.	U	16.	U
8001-35-2	Toxaphene	190.	U	200.	U	96.	U	99.	U	94.	U	100.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	38.	U	39.	U	38.	U	41.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	38.	U	39.	U	38.	U	41.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	38.	U	39.	U	38.	U	41.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	38.	U	39.	U	38.	U	41.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	38.	U	39.	U	38.	U	41.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	78.	U	80.	U	76.	U	84.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	78.	U	80.	U	76.	U	84.	U
57-74-9	Chlordane	44.	U	48.	U	114.	U	117.	U	114.	U	123.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	505-S-B014-01		505-S-B015-01		505-S-B015-02		505-S-B016-01		505-S-B016-02		505-S-B017-01	
	ORIGINAL ID ----->	505SB01401		505SB01501		505SB01502		505SB01601		505SB01602		505SB01701	
	LAB SAMPLE ID --->	25095.17		25095.22		25095.23		25095.20		25095.21		25095.18	
	ID FROM REPORT -->	505SB01401		505SB01501		505SB01502		505SB01601		505SB01602		505SB01701	
	SAMPLE DATE ----->	03/28/96		03/28/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE EXTRACTED -->	03/30/96		03/30/96		03/30/96		03/30/96		03/30/96		03/30/96	
	DATE ANALYZED --->	04/09/96		04/09/96		04/09/96		04/09/96		04/09/96		04/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25095	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
319-84-6	alpha-BHC	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
319-85-7	beta-BHC	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
58-89-9	gamma-BHC (Lindane)	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
319-86-8	delta-BHC	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
76-44-8	Heptachlor	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
309-00-2	Aldrin	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
1024-57-3	Heptachlor epoxide	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
5103-74-2	gamma-Chlordane	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	3.4	J
959-98-8	Endosulfan I	16.	U	1.5	U	1.6	U	1.5	U	1.6	U	1.5	U
5103-71-9	alpha-Chlordane	16.	U	3.7		1.6	U	1.5	U	1.6	U	3.4	J
72-55-9	4,4'-DDE	79.		12.		3.2	U	14.		3.1	U	64.	D
50-29-3	4,4'-DDT	21.	J	2.8	U	3.2	U	2.9	U	3.1	U	84.	D
60-57-1	Dieldrin	30.	U	2.8	U	3.2	U	2.9	U	3.1	U	2.8	U
72-20-8	Endrin	30.	U	2.8	U	3.2	U	2.9	U	3.1	U	2.8	U
33213-65-9	Endosulfan II	30.	U	2.8	U	3.2	U	2.9	U	3.1	U	2.8	U
72-54-8	4,4'-DDD	690.	D	30.	J	3.8	J	9.	J	3.1	U	68.	D
7421-93-4	Endrin aldehyde	30.	U	2.8	U	3.2	U	2.9	U	3.1	U	2.8	U
1031-07-8	Endosulfan sulfate	30.	U	2.8	U	3.2	U	2.9	U	3.1	U	2.8	U
72-43-5	Methoxychlor	160.	U	15.	U	16.	U	15.	U	16.	U	15.	U
8001-35-2	Toxaphene	1000.	U	93.	U	100.	U	96.	U	100.	U	93.	U
12674-11-2	Aroclor-1016	400.	U	37.	U	42.	U	38.	U	41.	U	37.	U
11104-28-2	Aroclor-1221	400.	U	37.	U	42.	U	38.	U	41.	U	37.	U
11141-16-5	Aroclor-1232	400.	U	37.	U	42.	U	38.	U	41.	U	37.	U
53469-21-9	Aroclor-1242	400.	U	37.	U	42.	U	38.	U	41.	U	37.	U
12672-29-6	Aroclor-1248	400.	U	37.	U	42.	U	38.	U	41.	U	37.	U
11097-69-1	Aroclor-1254	810.	U	75.	U	85.	U	78.	U	83.	U	75.	U
11096-82-5	Aroclor-1260	810.	U	75.	U	85.	U	78.	U	83.	U	75.	U
57-74-9	Chlordane	1200.	U	111.	U	126.	U	114.	U	123.	U	111.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

SAMPLE ID ------->	505-S-B017-02
ORIGINAL ID ----->	505SB01702
LAB SAMPLE ID --->	25095.19
ID FROM REPORT -->	505SB01702
SAMPLE DATE ----->	03/28/96
DATE EXTRACTED -->	03/30/96
DATE ANALYZED --->	04/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	25095	VAL
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
319-86-8	delta-BHC	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
959-98-8	Endosulfan I	1.7	U
5103-71-9	alpha-Chlordane	1.7	U
72-55-9	4,4'-DDE	3.2	U
50-29-3	4,4'-DDT	30.	J
60-57-1	Dieldrin	3.2	U
72-20-8	Endrin	3.2	U
33213-65-9	Endosulfan II	3.2	U
72-54-8	4,4'-DDD	3.2	U
7421-93-4	Endrin aldehyde	3.2	U
1031-07-8	Endosulfan sulfate	3.2	U
72-43-5	Methoxychlor	17.	U
8001-35-2	Toxaphene	110.	U
12674-11-2	Aroclor-1016	42.	U
11104-28-2	Aroclor-1221	42.	U
11141-16-5	Aroclor-1232	42.	U
53469-21-9	Aroclor-1242	42.	U
12672-29-6	Aroclor-1248	42.	U
11097-69-1	Aroclor-1254	86.	U
11096-82-5	Aroclor-1260	86.	U
57-74-9	Chlordane	126.	U
53494-70-5	Endrin ketone	NR	
465-73-6	Isodrin	NR	
143-50-0	Kepone	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-21		L5545-22		L5554-25		L5554-26		L5554-46		L5554-47	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
108-95-2	Phenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
95-57-8	2-Chlorophenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
541-73-1	1,3-Dichlorobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
106-46-7	1,4-Dichlorobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
100-51-6	Benzyl alcohol	1500.	U	1600.	U	1400.	U	1600.	U	1400.	U	1600.	U
95-50-1	1,2-Dichlorobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	UJ	810.	UJ	710.	U	810.	U	730.	U	790.	U
621-64-7	N-Nitroso-di-n-propylamine	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
67-72-1	Hexachloroethane	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
98-95-3	Nitrobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
78-59-1	Isophorone	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
88-75-5	2-Nitrophenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
105-67-9	2,4-Dimethylphenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
65-85-0	Benzoic acid	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
120-83-2	2,4-Dichlorophenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
91-20-3	Naphthalene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
106-47-8	4-Chloroaniline	1500.	U	1600.	U	1400.	U	1600.	U	1400.	U	1600.	U
87-68-3	Hexachlorobutadiene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U	1400.	U	1600.	U	1400.	U	1600.	U
91-57-6	2-Methylnaphthalene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
95-95-4	2,4,5-Trichlorophenol	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
91-58-7	2-Chloronaphthalene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
88-74-4	2-Nitroaniline	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
131-11-3	Dimethyl phthalate	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
208-96-8	Acenaphthylene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
606-20-2	2,6-Dinitrotoluene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
99-09-2	3-Nitroaniline	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
83-32-9	Acenaphthene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
51-28-5	2,4-Dinitrophenol	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
100-02-7	4-Nitrophenol	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-21		L5545-22		L5554-25		L5554-26		L5554-46		L5554-47	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
132-64-9	Dibenzofuran	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
121-14-2	2,4-Dinitrotoluene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
84-66-2	Diethylphthalate	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
86-73-7	Fluorene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
100-01-6	4-Nitroaniline	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
118-74-1	Hexachlorobenzene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
87-86-5	Pentachlorophenol	3800.	U	4100.	U	3600.	U	4000.	U	3700.	U	4000.	U
85-01-8	Phenanthrene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
120-12-7	Anthracene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
86-74-8	Carbazole	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
84-74-2	Di-n-butylphthalate	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
206-44-0	Fluoranthene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
129-00-0	Pyrene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
85-68-7	Butylbenzylphthalate	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1400.	U	1600.	U	1400.	U	1600.	U
56-55-3	Benzo(a)anthracene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
218-01-9	Chrysene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
117-84-0	Di-n-octyl phthalate	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
205-99-2	Benzo(b)fluoranthene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
207-08-9	Benzo(k)fluoranthene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
50-32-8	Benzo(a)pyrene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
53-70-3	Dibenz(a,h)anthracene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
106-44-5	4-Methylphenol (p-Cresol)	750.	U	810.	U	710.	U	810.	U	730.	U	790.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-29		L5554-30		L5554-31		L5554-32		L5554-27		L5554-28	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
108-95-2	Phenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
111-44-4	bis(2-Chloroethyl)ether	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
95-57-8	2-Chlorophenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
541-73-1	1,3-Dichlorobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
106-46-7	1,4-Dichlorobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
100-51-6	Benzyl alcohol	1500.	U	1500.	U	1500.	U	1700.	U	1500.	U	1600.	U
95-50-1	1,2-Dichlorobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
95-48-7	2-Methylphenol (o-Cresol)	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
621-64-7	N-Nitroso-di-n-propylamine	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
67-72-1	Hexachloroethane	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
98-95-3	Nitrobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
78-59-1	Isophorone	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
88-75-5	2-Nitrophenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
105-67-9	2,4-Dimethylphenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
65-85-0	Benzoic acid	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
111-91-1	bis(2-Chloroethoxy)methane	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
120-83-2	2,4-Dichlorophenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
120-82-1	1,2,4-Trichlorobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
91-20-3	Naphthalene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
106-47-8	4-Chloroaniline	1500.	U	1500.	U	1500.	U	1700.	U	1500.	U	1600.	U
87-68-3	Hexachlorobutadiene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1500.	U	1500.	U	1700.	U	1500.	U	1600.	U
91-57-6	2-Methylnaphthalene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
77-47-4	Hexachlorocyclopentadiene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
88-06-2	2,4,6-Trichlorophenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
95-95-4	2,4,5-Trichlorophenol	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
91-58-7	2-Chloronaphthalene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
88-74-4	2-Nitroaniline	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
131-11-3	Dimethyl phthalate	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
208-96-8	Acenaphthylene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
606-20-2	2,6-Dinitrotoluene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
99-09-2	3-Nitroaniline	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
83-32-9	Acenaphthene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
51-28-5	2,4-Dinitrophenol	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
100-02-7	4-Nitrophenol	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-29		L5554-30		L5554-31		L5554-32		L5554-27		L5554-28	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
132-64-9	Dibenzofuran	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
121-14-2	2,4-Dinitrotoluene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
84-66-2	Diethylphthalate	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
7005-72-3	4-Chlorophenylphenylether	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
86-73-7	Fluorene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
100-01-6	4-Nitroaniline	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
86-30-6	N-Nitrosodiphenylamine	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
101-55-3	4-Bromophenyl-phenylether	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
118-74-1	Hexachlorobenzene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
87-86-5	Pentachlorophenol	3700.	U	3900.	U	3700.	U	4200.	U	3800.	U	4100.	U
85-01-8	Phenanthrene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
120-12-7	Anthracene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
86-74-8	Carbazole	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
84-74-2	Di-n-butylphthalate	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
206-44-0	Fluoranthene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
129-00-0	Pyrene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
85-68-7	Butylbenzylphthalate	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1500.	U	1500.	U	1700.	U	1500.	U	1600.	U
56-55-3	Benzo(a)anthracene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
218-01-9	Chrysene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
117-84-0	Di-n-octyl phthalate	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
205-99-2	Benzo(b)fluoranthene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
207-08-9	Benzo(k)fluoranthene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
50-32-8	Benzo(a)pyrene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
193-39-5	Indeno(1,2,3-cd)pyrene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
53-70-3	Dibenz(a,h)anthracene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
191-24-2	Benzo(g,h,i)perylene	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
106-44-5	4-Methylphenol (p-Cresol)	740.	U	770.	U	750.	U	840.	U	770.	U	820.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-SVOA													
	SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
	ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	LAB SAMPLE ID --->	L5554-35		L5554-36		L5554-38		L5554-41		L5554-42		L5554-43	
	ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/30/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
108-95-2	Phenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
111-44-4	bis(2-Chloroethyl)ether	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
95-57-8	2-Chlorophenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
541-73-1	1,3-Dichlorobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
106-46-7	1,4-Dichlorobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
100-51-6	Benzyl alcohol	1900.	U	1600.	U	1500.	U	1600.	U	1500.	U	1600.	U
95-50-1	1,2-Dichlorobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
95-48-7	2-Methylphenol (o-Cresol)	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
621-64-7	N-Nitroso-di-n-propylamine	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
67-72-1	Hexachloroethane	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
98-95-3	Nitrobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
78-59-1	Isophorone	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
88-75-5	2-Nitrophenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
105-67-9	2,4-Dimethylphenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
65-85-0	Benzoic acid	4800.	U	4000.	U	3800.	U	4000.	UR	3900.	U	4100.	U
111-91-1	bis(2-Chloroethoxy)methane	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
120-83-2	2,4-Dichlorophenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
120-82-1	1,2,4-Trichlorobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
91-20-3	Naphthalene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
106-47-8	4-Chloroaniline	1900.	U	1600.	U	1500.	U	1600.	U	1500.	U	1600.	U
87-68-3	Hexachlorobutadiene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
59-50-7	4-Chloro-3-methylphenol	1900.	U	1600.	U	1500.	U	1600.	U	1500.	U	1600.	U
91-57-6	2-Methylnaphthalene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
77-47-4	Hexachlorocyclopentadiene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
88-06-2	2,4,6-Trichlorophenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
95-95-4	2,4,5-Trichlorophenol	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
91-58-7	2-Chloronaphthalene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
88-74-4	2-Nitroaniline	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
131-11-3	Dimethyl phthalate	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
208-96-8	Acenaphthylene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
606-20-2	2,6-Dinitrotoluene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
99-09-2	3-Nitroaniline	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
83-32-9	Acenaphthene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
51-28-5	2,4-Dinitrophenol	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
100-02-7	4-Nitrophenol	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
	ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	LAB SAMPLE ID --->	L5554-35		L5554-36		L5554-38		L5554-41		L5554-42		L5554-43	
	ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE EXTRACTED -->	10/26/95		10/26/95		10/26/95		10/26/95		10/26/95		10/26/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/30/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
132-64-9	Dibenzofuran	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
121-14-2	2,4-Dinitrotoluene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
84-66-2	Diethylphthalate	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
7005-72-3	4-Chlorophenylphenylether	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
86-73-7	Fluorene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
100-01-6	4-Nitroaniline	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
86-30-6	N-Nitrosodiphenylamine	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
101-55-3	4-Bromophenyl-phenylether	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
118-74-1	Hexachlorobenzene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
87-86-5	Pentachlorophenol	4800.	U	4000.	U	3800.	U	4000.	U	3900.	U	4100.	U
85-01-8	Phenanthrene	230.	J	810.	U	750.	U	790.	U	770.	U	820.	U
120-12-7	Anthracene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
86-74-8	Carbazole	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
84-74-2	Di-n-butylphthalate	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
206-44-0	Fluoranthene	810.	J	810.	U	750.	U	790.	U	810.	J	820.	U
129-00-0	Pyrene	1000.		810.	U	750.	U	790.	U	810.		820.	U
85-68-7	Butylbenzylphthalate	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
91-94-1	3,3'-Dichlorobenzidine	1900.	U	1600.	U	1500.	U	1600.	U	1500.	U	1600.	U
56-55-3	Benzo(a)anthracene	560.	J	810.	U	750.	U	790.	U	360.	J	820.	U
218-01-9	Chrysene	710.	J	810.	U	750.	U	790.	U	500.	J	820.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
117-84-0	Di-n-octyl phthalate	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
205-99-2	Benzo(b)fluoranthene	780.	J	810.	U	750.	U	790.	U	480.	J	820.	U
207-08-9	Benzo(k)fluoranthene	780.	J	810.	U	750.	U	790.	U	380.	J	820.	U
50-32-8	Benzo(a)pyrene	570.	J	810.	U	750.	U	790.	U	290.	J	820.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	J	810.	U	750.	U	790.	U	210.	J	820.	U
53-70-3	Dibenz(a,h)anthracene	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
191-24-2	Benzo(g,h,i)perylene	480.	J	810.	U	750.	U	790.	U	250.	J	820.	U
106-44-5	4-Methylphenol (p-Cresol)	950.	U	810.	U	750.	U	790.	U	770.	U	820.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B010-01		042-S-B011-01		042-S-B011-02		042-S-B012-01		042-S-B012-02		042-S-B013-01	
	ORIGINAL ID ----->	042SB01001		042SB01101		042SB01102		042SB01201		042SB01202		042SB01301	
	LAB SAMPLE ID --->	L5563-87		25106.01		25106.04		25106.02		25106.03		25106.05	
	ID FROM REPORT -->	042SB01001		042SB01101		042SB01102		042SB01201		042SB01202		042SB01301	
	SAMPLE DATE ----->	10/07/95		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	10/21/95		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	11/02/95		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
108-95-2	Phenol	1000.	U	78.	J	780.	U	770.	U	820.	U	770.	U
111-44-4	bis(2-Chloroethyl)ether	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
95-57-8	2-Chlorophenol	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
541-73-1	1,3-Dichlorobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
106-46-7	1,4-Dichlorobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
100-51-6	Benzyl alcohol	2000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
95-50-1	1,2-Dichlorobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
95-48-7	2-Methylphenol (o-Cresol)	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
621-64-7	N-Nitroso-di-n-propylamine	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
67-72-1	Hexachloroethane	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
98-95-3	Nitrobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
78-59-1	Isophorone	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
88-75-5	2-Nitrophenol	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
105-67-9	2,4-Dimethylphenol	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
65-85-0	Benzoic acid	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
111-91-1	bis(2-Chloroethoxy)methane	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
120-83-2	2,4-Dichlorophenol	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
120-82-1	1,2,4-Trichlorobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
91-20-3	Naphthalene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
106-47-8	4-Chloroaniline	2000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
87-68-3	Hexachlorobutadiene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
59-50-7	4-Chloro-3-methylphenol	2000.	U	78.	J	780.	U	770.	U	820.	U	770.	U
91-57-6	2-Methylnaphthalene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
77-47-4	Hexachlorocyclopentadiene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
88-06-2	2,4,6-Trichlorophenol	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
91-58-7	2-Chloronaphthalene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
88-74-4	2-Nitroaniline	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
131-11-3	Dimethyl phthalate	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
208-96-8	Acenaphthylene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
606-20-2	2,6-Dinitrotoluene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
99-09-2	3-Nitroaniline	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
83-32-9	Acenaphthene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
51-28-5	2,4-Dinitrophenol	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	UJ
100-02-7	4-Nitrophenol	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B010-01		042-S-B011-01		042-S-B011-02		042-S-B012-01		042-S-B012-02		042-S-B013-01	
	ORIGINAL ID ----->	042SB01001		042SB01101		042SB01102		042SB01201		042SB01202		042SB01301	
	LAB SAMPLE ID --->	L5563-87		25106.01		25106.04		25106.02		25106.03		25106.05	
	ID FROM REPORT -->	042SB01001		042SB01101		042SB01102		042SB01201		042SB01202		042SB01301	
	SAMPLE DATE ----->	10/07/95		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	10/21/95		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	11/02/95		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
132-64-9	Dibenzofuran	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
121-14-2	2,4-Dinitrotoluene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
84-66-2	Diethylphthalate	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
7005-72-3	4-Chlorophenylphenylether	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
86-73-7	Fluorene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
100-01-6	4-Nitroaniline	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
101-55-3	4-Bromophenyl-phenylether	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
118-74-1	Hexachlorobenzene	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
87-86-5	Pentachlorophenol	5100.	U	3600.	U	3800.	U	3700.	U	4000.	U	3700.	U
85-01-8	Phenanthrene	2100.		180.	J	780.	U	770.	U	820.	U	420.	J
120-12-7	Anthracene	490.	J	750.	U	780.	U	770.	U	820.	U	770.	U
86-74-8	Carbazole	430.	J	750.	U	780.	U	770.	U	820.	U	770.	U
84-74-2	Di-n-butylphthalate	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
206-44-0	Fluoranthene	4000.		470.	J	780.	U	85.	J	820.	U	930.	
129-00-0	Pyrene	2900.		480.	J	780.	U	100.	J	820.	U	700.	J
85-68-7	Butylbenzylphthalate	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
91-94-1	3,3'-Dichlorobenzidine	2000.	U	1500.	U	1500.	U	1500.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	1100.		320.	J	780.	U	770.	U	820.	U	430.	J
218-01-9	Chrysene	2400.		400.	J	780.	U	86.	J	820.	U	610.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
117-84-0	Di-n-octyl phthalate	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
205-99-2	Benzo(b)fluoranthene	3400.		390.	J	780.	U	150.	J	820.	U	450.	J
207-08-9	Benzo(k)fluoranthene	1000.	U	380.	J	780.	U	770.	U	820.	U	420.	J
50-32-8	Benzo(a)pyrene	1000.		360.	J	780.	U	770.	U	820.	U	380.	J
193-39-5	Indeno(1,2,3-cd)pyrene	850.	J	230.	J	780.	U	770.	U	820.	U	240.	J
53-70-3	Dibenz(a,h)anthracene	350.	J	79.	J	780.	U	770.	U	820.	U	130.	J
191-24-2	Benzo(g,h,i)perylene	750.	J	280.	J	780.	U	770.	U	820.	U	270.	J
106-44-5	4-Methylphenol (p-Cresol)	1000.	U	750.	U	780.	U	770.	U	820.	U	770.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B013-02		042-S-B014-01		042-S-B014-02		042-S-B015-01		042-S-B015-02		042-S-B016-01	
	ORIGINAL ID ----->	042SB01302		042SB01401		042SB01402		042SB01501		042SB01502		042SB01601	
	LAB SAMPLE ID --->	25106.06		25106.07		25106.10		25106.11		25106.12		25106.17	
	ID FROM REPORT -->	042SB01302		042SB01401		042SB01402		042SB01501		042SB01502		042SB01601	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
108-95-2	Phenol	770.	U	800.	U	100.	J	740.	U	760.	U	780.	U
111-44-4	bis(2-Chloroethyl)ether	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
95-57-8	2-Chlorophenol	770.	U	800.	U	110.	J	740.	U	760.	U	780.	U
541-73-1	1,3-Dichlorobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
106-46-7	1,4-Dichlorobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
100-51-6	Benzyl alcohol	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
95-50-1	1,2-Dichlorobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
95-48-7	2-Methylphenol (o-Cresol)	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
621-64-7	N-Nitroso-di-n-propylamine	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
67-72-1	Hexachloroethane	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
98-95-3	Nitrobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
78-59-1	Isophorone	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
88-75-5	2-Nitrophenol	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
105-67-9	2,4-Dimethylphenol	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
65-85-0	Benzoic acid	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
111-91-1	bis(2-Chloroethoxy)methane	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
120-83-2	2,4-Dichlorophenol	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
120-82-1	1,2,4-Trichlorobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
91-20-3	Naphthalene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
106-47-8	4-Chloroaniline	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
87-68-3	Hexachlorobutadiene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
59-50-7	4-Chloro-3-methylphenol	770.	U	800.	U	86.	J	740.	U	760.	U	780.	U
91-57-6	2-Methylnaphthalene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
77-47-4	Hexachlorocyclopentadiene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
88-06-2	2,4,6-Trichlorophenol	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
95-95-4	2,4,5-Trichlorophenol	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
91-58-7	2-Chloronaphthalene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
88-74-4	2-Nitroaniline	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
131-11-3	Dimethyl phthalate	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
208-96-8	Acenaphthylene	770.	U	160.	J	810.	U	740.	U	760.	U	170.	J
606-20-2	2,6-Dinitrotoluene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
99-09-2	3-Nitroaniline	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
83-32-9	Acenaphthene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
51-28-5	2,4-Dinitrophenol	3700.	UJ	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
100-02-7	4-Nitrophenol	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B013-02		042-S-B014-01		042-S-B014-02		042-S-B015-01		042-S-B015-02		042-S-B016-01	
	ORIGINAL ID ----->	042SB01302		042SB01401		042SB01402		042SB01501		042SB01502		042SB01601	
	LAB SAMPLE ID --->	25106.06		25106.07		25106.10		25106.11		25106.12		25106.17	
	ID FROM REPORT -->	042SB01302		042SB01401		042SB01402		042SB01501		042SB01502		042SB01601	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
132-64-9	Dibenzofuran	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
121-14-2	2,4-Dinitrotoluene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
84-66-2	Diethylphthalate	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
7005-72-3	4-Chlorophenylphenylether	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
86-73-7	Fluorene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
100-01-6	4-Nitroaniline	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
86-30-6	N-Nitrosodiphenylamine	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
101-55-3	4-Bromophenyl-phenylether	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
118-74-1	Hexachlorobenzene	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
87-86-5	Pentachlorophenol	3700.	U	3800.	U	4000.	U	3600.	U	3700.	U	3800.	U
85-01-8	Phenanthrene	390.	J	360.	J	810.	U	740.	U	760.	U	210.	J
120-12-7	Anthracene	770.	U	370.	J	810.	U	740.	U	760.	U	200.	J
86-74-8	Carbazole	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
84-74-2	Di-n-butylphthalate	770.	U	800.	U	810.	U	100.	J	760.	U	200.	J
206-44-0	Fluoranthene	850.		1500.		810.	U	740.	U	760.	U	620.	J
129-00-0	Pyrene	560.	J	1500.		130.	J	740.	U	760.	U	610.	J
85-68-7	Butylbenzylphthalate	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1600.	U	1500.	U	1500.	U	1600.	U
56-55-3	Benzo(a)anthracene	380.	J	730.	J	810.	U	740.	U	760.	U	500.	J
218-01-9	Chrysene	420.	J	1200.		810.	U	740.	U	760.	U	680.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
117-84-0	Di-n-octyl phthalate	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
205-99-2	Benzo(b)fluoranthene	340.	J	1200.		810.	U	740.	U	760.	U	880.	
207-08-9	Benzo(k)fluoranthene	270.	J	1100.		810.	U	740.	U	760.	U	640.	J
50-32-8	Benzo(a)pyrene	280.	J	730.	J	810.	U	740.	U	760.	U	640.	J
193-39-5	Indeno(1,2,3-cd)pyrene	170.	J	520.	J	810.	U	740.	U	760.	U	420.	J
53-70-3	Dibenz(a,h)anthracene	100.	J	240.	J	810.	U	740.	U	760.	U	240.	J
191-24-2	Benzo(g,h,i)perylene	190.	J	570.	J	810.	U	740.	U	760.	U	490.	J
106-44-5	4-Methylphenol (p-Cresol)	770.	U	800.	U	810.	U	740.	U	760.	U	780.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

W846-SVOA	SAMPLE ID ------->	042-S-B016-02		042-S-B017-01		042-S-B017-02		042-S-B018-01		042-S-B018-02		042-S-B019-01	
	ORIGINAL ID ----->	042SB01602		042SB01701		042SB01702		042SB01801		042SB01802		042SB01901	
	LAB SAMPLE ID --->	25106.18		25106.15		25106.16		25106.13		25106.14		25106.19	
	ID FROM REPORT -->	042SB01602		042SB01701		042SB01702		042SB01801		042SB01802		042SB01901	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
108-95-2	Phenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
111-44-4	bis(2-Chloroethyl)ether	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
95-57-8	2-Chlorophenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
541-73-1	1,3-Dichlorobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
106-46-7	1,4-Dichlorobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
100-51-6	Benzyl alcohol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
95-50-1	1,2-Dichlorobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
95-48-7	2-Methylphenol (o-Cresol)	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
621-64-7	N-Nitroso-di-n-propylamine	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
67-72-1	Hexachloroethane	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
98-95-3	Nitrobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
78-59-1	Isophorone	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
88-75-5	2-Nitrophenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
105-67-9	2,4-Dimethylphenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
65-85-0	Benzoic acid	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
111-91-1	bis(2-Chloroethoxy)methane	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
120-83-2	2,4-Dichlorophenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
120-82-1	1,2,4-Trichlorobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
91-20-3	Naphthalene	780.	U	770.	U	200.	J	760.	U	780.	U	740.	U
106-47-8	4-Chloroaniline	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
87-68-3	Hexachlorobutadiene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
59-50-7	4-Chloro-3-methylphenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
91-57-6	2-Methylnaphthalene	780.	U	770.	U	200.	J	760.	U	780.	U	740.	U
77-47-4	Hexachlorocyclopentadiene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
88-06-2	2,4,6-Trichlorophenol	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
95-95-4	2,4,5-Trichlorophenol	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
91-58-7	2-Chloronaphthalene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
88-74-4	2-Nitroaniline	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
131-11-3	Dimethyl phthalate	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
208-96-8	Acenaphthylene	780.	U	200.	J	160.	J	760.	U	780.	U	740.	U
606-20-2	2,6-Dinitrotoluene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
99-09-2	3-Nitroaniline	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
83-32-9	Acenaphthene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
51-28-5	2,4-Dinitrophenol	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
100-02-7	4-Nitrophenol	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	042-S-B016-02		042-S-B017-01		042-S-B017-02		042-S-B018-01		042-S-B018-02		042-S-B019-01	
	ORIGINAL ID ----->	042SB01602		042SB01701		042SB01702		042SB01801		042SB01802		042SB01901	
	LAB SAMPLE ID --->	25106.18		25106.15		25106.16		25106.13		25106.14		25106.19	
	ID FROM REPORT -->	042SB01602		042SB01701		042SB01702		042SB01801		042SB01802		042SB01901	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		03/29/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		04/01/96	
	DATE ANALYZED --->	04/05/96		04/05/96		04/05/96		04/05/96		04/05/96		04/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL
132-64-9	Dibenzofuran	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
121-14-2	2,4-Dinitrotoluene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
84-66-2	Diethylphthalate	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
7005-72-3	4-Chlorophenylphenylether	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
86-73-7	Fluorene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
100-01-6	4-Nitroaniline	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
86-30-6	N-Nitrosodiphenylamine	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
101-55-3	4-Bromophenyl-phenylether	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
118-74-1	Hexachlorobenzene	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
87-86-5	Pentachlorophenol	3800.	U	3700.	U	4000.	U	3700.	U	3800.	U	3600.	U
85-01-8	Phenanthrene	780.	U	540.	J	780.	J	760.	U	780.	U	160.	J
120-12-7	Anthracene	780.	U	250.	J	310.	J	760.	U	780.	U	740.	U
86-74-8	Carbazole	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
84-74-2	Di-n-butylphthalate	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
206-44-0	Fluoranthene	780.	U	1500.		2500.		760.	U	780.	U	360.	J
129-00-0	Pyrene	780.	U	1200.		2300.		760.	U	780.	U	320.	J
85-68-7	Butylbenzylphthalate	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U	1500.	U	1600.	U	1500.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	780.	U	820.		1300.		760.	U	780.	U	210.	J
218-01-9	Chrysene	780.	U	950.		1700.		760.	U	780.	U	240.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	780.	U	90.	J	820.	U	760.	U	780.	U	740.	U
117-84-0	Di-n-octyl phthalate	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
205-99-2	Benzo(b)fluoranthene	780.	U	1000.		1500.		760.	U	780.	U	250.	J
207-08-9	Benzo(k)fluoranthene	780.	U	1000.		1600.		760.	U	780.	U	250.	J
50-32-8	Benzo(a)pyrene	780.	U	1100.		1500.		760.	U	780.	U	230.	J
193-39-5	Indeno(1,2,3-cd)pyrene	780.	U	900.		890.		760.	U	780.	U	160.	J
53-70-3	Dibenz(a,h)anthracene	780.	U	500.	J	410.	J	760.	U	780.	U	80.	J
191-24-2	Benzo(g,h,i)perylene	780.	U	1300.		1000.		760.	U	780.	U	200.	J
106-44-5	4-Methylphenol (p-Cresol)	780.	U	770.	U	820.	U	760.	U	780.	U	740.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

SW846-SVOA

	SAMPLE ID ------->	042-S-B019-02		042-S-B020-01		042-S-B020-02		042-S-B021-01		042-S-B021-02		042-S-B022-01	
	ORIGINAL ID ----->	042SB01902		042SB02001		042SB02002		042SB02101		042SB02102		042SB02201	
	LAB SAMPLE ID --->	25106.20		25106.21		25106.22		25106.23		25106.24		L7278-18	
	ID FROM REPORT -->	042SB01902		042SB02001		042SB02002		042SB02101		042SB02102		042SB02201	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		06/19/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		06/26/96	
	DATE ANALYZED --->	04/08/96		04/05/96		04/05/96		04/05/96		04/09/96		07/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	L7278	VAL
108-95-2	Phenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
95-57-8	2-Chlorophenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
541-73-1	1,3-Dichlorobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
106-46-7	1,4-Dichlorobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
100-51-6	Benzyl alcohol	750.	U	720.	U	700.	U	760.	U	750.	U	1400.	U
95-50-1	1,2-Dichlorobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
621-64-7	N-Nitroso-di-n-propylamine	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
67-72-1	Hexachloroethane	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
98-95-3	Nitrobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
78-59-1	Isophorone	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
88-75-5	2-Nitrophenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
105-67-9	2,4-Dimethylphenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
65-85-0	Benzoic acid	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
120-83-2	2,4-Dichlorophenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
91-20-3	Naphthalene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
106-47-8	4-Chloroaniline	750.	U	720.	U	700.	U	760.	U	750.	U	1400.	U
87-68-3	Hexachlorobutadiene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
59-50-7	4-Chloro-3-methylphenol	750.	U	720.	U	700.	U	760.	U	750.	U	1400.	U
91-57-6	2-Methylnaphthalene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
95-95-4	2,4,5-Trichlorophenol	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	710.	U
91-58-7	2-Chloronaphthalene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
88-74-4	2-Nitroaniline	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
131-11-3	Dimethyl phthalate	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
208-96-8	Acenaphthylene	750.	U	720.	U	700.	U	160.	J	750.	U	710.	U
606-20-2	2,6-Dinitrotoluene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
99-09-2	3-Nitroaniline	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
83-32-9	Acenaphthene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
51-28-5	2,4-Dinitrophenol	3600.	U	3500.	U	3400.	U	3700.	U	3600.	UJ	3600.	U
100-02-7	4-Nitrophenol	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA															
	SAMPLE ID ------->	042-S-B019-02		042-S-B020-01		042-S-B020-02		042-S-B021-01		042-S-B021-02		042-S-B022-01	
	ORIGINAL ID ----->	042SB01902		042SB02001		042SB02002		042SB02101		042SB02102		042SB02201	
	LAB SAMPLE ID --->	25106.20		25106.21		25106.22		25106.23		25106.24		L7278-18	
	ID FROM REPORT -->	042SB01902		042SB02001		042SB02002		042SB02101		042SB02102		042SB02201	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/29/96		03/29/96		03/29/96		06/19/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		04/01/96		04/01/96		04/01/96		06/26/96	
	DATE ANALYZED --->	04/08/96		04/05/96		04/05/96		04/05/96		04/09/96		07/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25106	VAL	25106	VAL	25106	VAL	L7278	VAL
132-64-9	Dibenzofuran	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
121-14-2	2,4-Dinitrotoluene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
84-66-2	Diethylphthalate	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
86-73-7	Fluorene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
100-01-6	4-Nitroaniline	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
118-74-1	Hexachlorobenzene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
87-86-5	Pentachlorophenol	3600.	U	3500.	U	3400.	U	3700.	U	3600.	U	3600.	U
85-01-8	Phenanthrene	750.	U	720.	U	700.	U	760.	U	750.	U	150.	J
120-12-7	Anthracene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
86-74-8	Carbazole	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
84-74-2	Di-n-butylphthalate	750.	U	720.	U	700.	U	110.	J	750.	U	710.	U
206-44-0	Fluoranthene	86.	J	720.	U	700.	U	760.	U	750.	U	940.	
129-00-0	Pyrene	750.	U	100.	J	700.	U	100.	J	750.	U	1200.	
85-68-7	Butylbenzylphthalate	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1400.	U	1400.	U	1500.	U	1500.	U	1400.	U
56-55-3	Benzo(a)anthracene	750.	U	720.	U	700.	U	760.	U	750.	U	540.	J
218-01-9	Chrysene	750.	U	720.	U	700.	U	91.	J	750.	U	840.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
117-84-0	Di-n-octyl phthalate	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
205-99-2	Benzo(b)fluoranthene	82.	J	720.	U	700.	U	90.	J	750.	U	1400.	
207-08-9	Benzo(k)fluoranthene	750.	U	720.	U	700.	U	96.	J	750.	U	1000.	
50-32-8	Benzo(a)pyrene	750.	U	720.	U	700.	U	100.	J	750.	U	760.	
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	720.	U	700.	U	140.	J	750.	U	550.	J
53-70-3	Dibenz(a,h)anthracene	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	720.	U	700.	U	190.	J	750.	U	600.	J
106-44-5	4-Methylphenol (p-Cresol)	750.	U	720.	U	700.	U	760.	U	750.	U	710.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA	SAMPLE ID ------->	042-S-B023-01		042-S-B024-01		042-S-B025-01		505-S-B001-01		505-S-B001-02		505-S-B002-01	
	ORIGINAL ID ----->	042SB02301		042SB02401		042SB02501		505SB00101		505SB00102		505SB00201	
	LAB SAMPLE ID --->	L7278-19		L7278-20		L7278-21		L5554-44		L5554-45		L5563-79	
	ID FROM REPORT -->	042SB02301		042SB02401		042SB02501		505SB00101		505SB00102		505SB00201	
	SAMPLE DATE ----->	06/19/96		06/19/96		06/19/96		10/06/95		10/06/95		10/07/95	
	DATE EXTRACTED -->	06/26/96		06/26/96		06/26/96		10/26/95		10/26/95		10/21/95	
	DATE ANALYZED --->	07/02/96		07/02/96		07/02/96		10/27/95		10/27/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L7278	VAL	L7278	VAL	L7278	VAL	L5554	VAL	L5554	VAL	L5563	VAL
108-95-2	Phenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
111-44-4	bis(2-Chloroethyl)ether	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
95-57-8	2-Chlorophenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
541-73-1	1,3-Dichlorobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
106-46-7	1,4-Dichlorobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
100-51-6	Benzyl alcohol	1400.	U	1400.	U	1400.	U	1800.	U	1600.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
95-48-7	2-Methylphenol (o-Cresol)	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
621-64-7	N-Nitroso-di-n-propylamine	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
67-72-1	Hexachloroethane	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
98-95-3	Nitrobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
78-59-1	Isophorone	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
88-75-5	2-Nitrophenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
105-67-9	2,4-Dimethylphenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
65-85-0	Benzoic acid	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
111-91-1	bis(2-Chloroethoxy)methane	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
120-83-2	2,4-Dichlorophenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
120-82-1	1,2,4-Trichlorobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
91-20-3	Naphthalene	700.	U	480.	J	730.	U	920.	U	790.	U	770.	U
106-47-8	4-Chloroaniline	1400.	U	1400.	U	1400.	U	1800.	U	1600.	U	1500.	U
87-68-3	Hexachlorobutadiene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
59-50-7	4-Chloro-3-methylphenol	1400.	U	1400.	U	1400.	U	1800.	U	1600.	U	1500.	U
91-57-6	2-Methylnaphthalene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
77-47-4	Hexachlorocyclopentadiene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
88-06-2	2,4,6-Trichlorophenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
95-95-4	2,4,5-Trichlorophenol	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
91-58-7	2-Chloronaphthalene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
88-74-4	2-Nitroaniline	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
131-11-3	Dimethyl phthalate	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
208-96-8	Acenaphthylene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
606-20-2	2,6-Dinitrotoluene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
99-09-2	3-Nitroaniline	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
83-32-9	Acenaphthene	700.	U	720.		730.	U	920.	U	790.	U	770.	U
51-28-5	2,4-Dinitrophenol	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
100-02-7	4-Nitrophenol	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	042-S-B023-01		042-S-B024-01		042-S-B025-01		505-S-B001-01		505-S-B001-02		505-S-B002-01	
	ORIGINAL ID ----->	042SB02301		042SB02401		042SB02501		505SB00101		505SB00102		505SB00201	
	LAB SAMPLE ID --->	L7278-19		L7278-20		L7278-21		L5554-44		L5554-45		L5563-79	
	ID FROM REPORT -->	042SB02301		042SB02401		042SB02501		505SB00101		505SB00102		505SB00201	
	SAMPLE DATE ----->	06/19/96		06/19/96		06/19/96		10/06/95		10/06/95		10/07/95	
	DATE EXTRACTED -->	06/26/96		06/26/96		06/26/96		10/26/95		10/26/95		10/21/95	
	DATE ANALYZED --->	07/02/96		07/02/96		07/02/96		10/27/95		10/27/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L7278	VAL	L7278	VAL	L7278	VAL	L5554	VAL	L5554	VAL	L5563	VAL
132-64-9	Dibenzofuran	700.	U	460.	J	730.	U	920.	U	790.	U	770.	U
121-14-2	2,4-Dinitrotoluene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
84-66-2	Diethylphthalate	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
7005-72-3	4-Chlorophenylphenylether	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
86-73-7	Fluorene	700.	U	780.		730.	U	920.	U	790.	U	770.	U
100-01-6	4-Nitroaniline	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
86-30-6	N-Nitrosodiphenylamine	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
101-55-3	4-Bromophenyl-phenylether	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
118-74-1	Hexachlorobenzene	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
87-86-5	Pentachlorophenol	3500.	U	3500.	U	3700.	U	4600.	U	4000.	U	3900.	U
85-01-8	Phenanthrene	290.	J	5200.		730.	U	920.	U	790.	U	320.	J
120-12-7	Anthracene	700.	U	1400.		730.	U	920.	U	790.	U	770.	U
86-74-8	Carbazole	700.	U	1100.		730.	U	920.	U	790.	U	770.	U
84-74-2	Di-n-butylphthalate	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
206-44-0	Fluoranthene	540.	J	9400.		730.	U	920.	U	790.	U	790.	
129-00-0	Pyrene	440.	J	6900.		730.	U	920.	U	790.	U	670.	J
85-68-7	Butylbenzylphthalate	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1400.	U	1400.	U	1800.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	240.	J	5000.		730.	U	920.	U	790.	U	350.	J
218-01-9	Chrysene	330.	J	5100.		730.	U	920.	U	790.	U	520.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
117-84-0	Di-n-octyl phthalate	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
205-99-2	Benzo(b)fluoranthene	460.	J	5800.		730.	U	920.	U	790.	U	440.	J
207-08-9	Benzo(k)fluoranthene	700.	U	5400.		730.	U	920.	U	790.	U	590.	J
50-32-8	Benzo(a)pyrene	280.	J	5500.		730.	U	920.	U	790.	U	420.	J
193-39-5	Indeno(1,2,3-cd)pyrene	700.	U	1900.		730.	U	920.	U	790.	U	330.	J
53-70-3	Dibenz(a,h)anthracene	700.	U	560.	J	730.	U	920.	U	790.	U	160.	J
191-24-2	Benzo(g,h,i)perylene	700.	U	1800.		730.	U	920.	U	790.	U	350.	J
106-44-5	4-Methylphenol (p-Cresol)	700.	U	690.	U	730.	U	920.	U	790.	U	770.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	505-S-B003-01		505-S-B003-02		505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02	
	ORIGINAL ID ----->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	LAB SAMPLE ID --->	L5563-80		L5563-81		L5554-33		L5554-34		L5563-72		L5563-73	
	ID FROM REPORT -->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/06/95		10/06/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/26/95		10/26/95		10/19/95		10/19/95	
	DATE ANALYZED --->	11/02/95		11/01/95		10/27/95		10/27/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL
108-95-2	Phenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
111-44-4	bis(2-Chloroethyl)ether	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
95-57-8	2-Chlorophenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
541-73-1	1,3-Dichlorobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
106-46-7	1,4-Dichlorobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
100-51-6	Benzyl alcohol	1500.	U	1500.	U	1600.	U	1600.	U	1600.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
95-48-7	2-Methylphenol (o-Cresol)	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	770.	U	770.	U	810.	U	810.	U	800.	UJ	780.	UJ
621-64-7	N-Nitroso-di-n-propylamine	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
67-72-1	Hexachloroethane	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
98-95-3	Nitrobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
78-59-1	Isophorone	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
88-75-5	2-Nitrophenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
105-67-9	2,4-Dimethylphenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
65-85-0	Benzoic acid	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
111-91-1	bis(2-Chloroethoxy)methane	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
120-83-2	2,4-Dichlorophenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
120-82-1	1,2,4-Trichlorobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
91-20-3	Naphthalene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
106-47-8	4-Chloroaniline	1500.	U	1500.	U	1600.	U	1600.	U	1600.	U	1500.	U
87-68-3	Hexachlorobutadiene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1500.	U	1600.	U	1600.	U	1600.	U	1500.	U
91-57-6	2-Methylnaphthalene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
77-47-4	Hexachlorocyclopentadiene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
88-06-2	2,4,6-Trichlorophenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
95-95-4	2,4,5-Trichlorophenol	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
91-58-7	2-Chloronaphthalene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
88-74-4	2-Nitroaniline	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
131-11-3	Dimethyl phthalate	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
208-96-8	Acenaphthylene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
606-20-2	2,6-Dinitrotoluene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
99-09-2	3-Nitroaniline	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
83-32-9	Acenaphthene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
51-28-5	2,4-Dinitrophenol	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
100-02-7	4-Nitrophenol	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	505-S-B003-01		505-S-B003-02		505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02	
	ORIGINAL ID ----->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	LAB SAMPLE ID --->	L5563-80		L5563-81		L5554-33		L5554-34		L5563-72		L5563-73	
	ID FROM REPORT -->	505SB00301		505SB00302		505SB00401		505SB00402		505SB00501		505SB00502	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/06/95		10/06/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/26/95		10/26/95		10/19/95		10/19/95	
	DATE ANALYZED --->	11/02/95		11/01/95		10/27/95		10/27/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL
132-64-9	Dibenzofuran	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
121-14-2	2,4-Dinitrotoluene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
84-66-2	Diethylphthalate	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
7005-72-3	4-Chlorophenylphenylether	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
86-73-7	Fluorene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
100-01-6	4-Nitroaniline	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
86-30-6	N-Nitrosodiphenylamine	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
101-55-3	4-Bromophenyl-phenylether	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
118-74-1	Hexachlorobenzene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
87-86-5	Pentachlorophenol	3800.	U	3800.	U	4000.	U	4100.	U	4000.	U	3900.	U
85-01-8	Phenanthrene	770.	U	770.	U	200.	J	310.	J	800.	U	780.	U
120-12-7	Anthracene	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
86-74-8	Carbazole	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
84-74-2	Di-n-butylphthalate	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
206-44-0	Fluoranthene	770.	U	770.	U	1300.		570.	J	680.	J	480.	J
129-00-0	Pyrene	770.	U	770.	U	1700.		650.	J	840.		430.	J
85-68-7	Butylbenzylphthalate	770.	U	770.	U	390.	J	810.	U	800.	U	780.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1500.	U	1600.	U	1600.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	770.	U	770.	U	640.	J	370.	J	430.	J	780.	U
218-01-9	Chrysene	770.	U	770.	U	870.		380.	J	520.	J	160.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
117-84-0	Di-n-octyl phthalate	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
205-99-2	Benzo(b)fluoranthene	770.	U	770.	U	960.		390.	J	520.	J	780.	U
207-08-9	Benzo(k)fluoranthene	770.	U	770.	U	700.	J	430.	J	510.	J	780.	U
50-32-8	Benzo(a)pyrene	770.	U	770.	U	620.	J	430.	J	350.	J	780.	U
193-39-5	Indeno(1,2,3-cd)pyrene	770.	U	770.	U	380.	J	300.	J	330.	J	780.	U
53-70-3	Dibenz(a,h)anthracene	770.	U	770.	U	170.	J	190.	J	800.	U	780.	U
191-24-2	Benzo(g,h,i)perylene	770.	U	770.	U	480.	J	460.	J	320.	J	780.	U
106-44-5	4-Methylphenol (p-Cresol)	770.	U	770.	U	810.	U	810.	U	800.	U	780.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

SW846-SVOA

	SAMPLE ID ------->	505-S-B006-01		505-S-B007-01		505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01	
	ORIGINAL ID ----->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	LAB SAMPLE ID --->	L5563-74		L5563-75		L5563-76		L5563-77		L5563-78		L5563-84	
	ID FROM REPORT -->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/19/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/24/95		11/02/95		11/01/95		11/02/95		11/01/95		11/01/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
108-95-2	Phenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
111-44-4	bis(2-Chloroethyl)ether	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
95-57-8	2-Chlorophenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
541-73-1	1,3-Dichlorobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
106-46-7	1,4-Dichlorobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
100-51-6	Benzyl alcohol	1600.	U	1700.	U	1600.	U	1900.	U	1600.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
95-48-7	2-Methylphenol (o-Cresol)	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	830.	UJ	880.	U	830.	U	980.	U	790.	U	760.	U
621-64-7	N-Nitroso-di-n-propylamine	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
67-72-1	Hexachloroethane	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
98-95-3	Nitrobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
78-59-1	Isophorone	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
88-75-5	2-Nitrophenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
105-67-9	2,4-Dimethylphenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
65-85-0	Benzoic acid	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
111-91-1	bis(2-Chloroethoxy)methane	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
120-83-2	2,4-Dichlorophenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
120-82-1	1,2,4-Trichlorobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
91-20-3	Naphthalene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
106-47-8	4-Chloroaniline	1600.	U	1700.	U	1600.	U	1900.	U	1600.	U	1500.	U
87-68-3	Hexachlorobutadiene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
59-50-7	4-Chloro-3-methylphenol	1600.	U	1700.	U	1600.	U	1900.	U	1600.	U	1500.	U
91-57-6	2-Methylnaphthalene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
77-47-4	Hexachlorocyclopentadiene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
88-06-2	2,4,6-Trichlorophenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
95-95-4	2,4,5-Trichlorophenol	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
91-58-7	2-Chloronaphthalene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
88-74-4	2-Nitroaniline	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
131-11-3	Dimethyl phthalate	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
208-96-8	Acenaphthylene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
606-20-2	2,6-Dinitrotoluene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
99-09-2	3-Nitroaniline	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
83-32-9	Acenaphthene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
51-28-5	2,4-Dinitrophenol	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
100-02-7	4-Nitrophenol	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	505-S-B006-01		505-S-B007-01		505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01	
	ORIGINAL ID ----->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	LAB SAMPLE ID --->	L5563-74		L5563-75		L5563-76		L5563-77		L5563-78		L5563-84	
	ID FROM REPORT -->	505SB00601		505SB00701		505SB00702		505SB00801		505SB00802		505SB00901	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/19/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/24/95		11/02/95		11/01/95		11/02/95		11/01/95		11/01/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
132-64-9	Dibenzofuran	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
121-14-2	2,4-Dinitrotoluene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
84-66-2	Diethylphthalate	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
7005-72-3	4-Chlorophenylphenylether	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
86-73-7	Fluorene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
100-01-6	4-Nitroaniline	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
86-30-6	N-Nitrosodiphenylamine	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
101-55-3	4-Bromophenyl-phenylether	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
118-74-1	Hexachlorobenzene	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
87-86-5	Pentachlorophenol	4200.	U	4400.	U	4100.	U	4900.	U	4000.	U	3800.	U
85-01-8	Phenanthrene	830.	U	320.	J	830.	U	270.	J	790.	U	760.	U
120-12-7	Anthracene	830.	U	230.	J	830.	U	340.	J	790.	U	760.	U
86-74-8	Carbazole	830.	U	290.	J	830.	U	980.	U	790.	U	760.	U
84-74-2	Di-n-butylphthalate	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
206-44-0	Fluoranthene	810.	J	3200.		830.	U	2000.		790.	U	760.	U
129-00-0	Pyrene	1300.		2700.		830.	U	2000.		790.	U	760.	U
85-68-7	Butylbenzylphthalate	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U	1700.	U	1600.	U	1900.	U	1600.	U	1500.	U
56-55-3	Benzo(a)anthracene	400.	J	800.	J	830.	U	1000.		790.	U	760.	U
218-01-9	Chrysene	750.	J	1900.		830.	U	1800.		790.	U	760.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
117-84-0	Di-n-octyl phthalate	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
205-99-2	Benzo(b)fluoranthene	680.	J	1500.		830.	U	2200.		790.	U	760.	U
207-08-9	Benzo(k)fluoranthene	460.	J	1500.		830.	U	1700.		790.	U	760.	U
50-32-8	Benzo(a)pyrene	310.	J	810.	J	830.	U	1400.		790.	U	760.	U
193-39-5	Indeno(1,2,3-cd)pyrene	250.	J	590.	J	830.	U	1100.		790.	U	760.	U
53-70-3	Dibenz(a,h)anthracene	830.	U	250.	J	830.	U	500.	J	790.	U	760.	U
191-24-2	Benzo(g,h,i)perylene	230.	J	670.	J	830.	U	1100.		790.	U	760.	U
106-44-5	4-Methylphenol (p-Cresol)	830.	U	880.	U	830.	U	980.	U	790.	U	760.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA													
	SAMPLE ID ------->	505-S-B010-01		505-S-B010-02		505-S-B011-01		505-S-B011-02		505-S-B012-01		505-S-B012-02	
	ORIGINAL ID ----->	505SB01001		505SB01002		505SB01101		505SB01102		505SB01201		505SB01202	
	LAB SAMPLE ID --->	L5563-82		L5563-83		L5563-85		L5563-86		25095.15		25095.16	
	ID FROM REPORT -->	505SB01001		505SB01002		505SB01101		505SB01102		505SB01201		505SB01202	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		03/28/96		03/28/96	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		03/30/96		03/30/96	
	DATE ANALYZED --->	11/01/95		11/01/95		11/01/95		11/01/95		04/09/96		04/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	25095	VAL	25095	VAL
108-95-2	Phenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
111-44-4	bis(2-Chloroethyl)ether	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
95-57-8	2-Chlorophenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
541-73-1	1,3-Dichlorobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
106-46-7	1,4-Dichlorobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
100-51-6	Benzyl alcohol	1500.	U	1700.	U	1400.	U	1500.	U	380.	U	390.	U
95-50-1	1,2-Dichlorobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
95-48-7	2-Methylphenol (o-Cresol)	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
621-64-7	N-Nitroso-di-n-propylamine	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
67-72-1	Hexachloroethane	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
98-95-3	Nitrobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
78-59-1	Isophorone	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
88-75-5	2-Nitrophenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
105-67-9	2,4-Dimethylphenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
65-85-0	Benzoic acid	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
120-83-2	2,4-Dichlorophenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
120-82-1	1,2,4-Trichlorobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
91-20-3	Naphthalene	760.	U	860.	U	720.	U	770.	U	380.	U	300.	J
106-47-8	4-Chloroaniline	1500.	U	1700.	U	1400.	U	1500.	U	380.	U	390.	U
87-68-3	Hexachlorobutadiene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1700.	U	1400.	U	1500.	U	380.	U	390.	U
91-57-6	2-Methylnaphthalene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	
77-47-4	Hexachlorocyclopentadiene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
88-06-2	2,4,6-Trichlorophenol	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
95-95-4	2,4,5-Trichlorophenol	760.	U	860.	U	720.	U	770.	U	1900.	U	1900.	U
91-58-7	2-Chloronaphthalene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
88-74-4	2-Nitroaniline	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
131-11-3	Dimethyl phthalate	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
208-96-8	Acenaphthylene	760.	U	860.	U	720.	U	770.	U	81.	J	390.	U
606-20-2	2,6-Dinitrotoluene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
99-09-2	3-Nitroaniline	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
83-32-9	Acenaphthene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
51-28-5	2,4-Dinitrophenol	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
100-02-7	4-Nitrophenol	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	505-S-B010-01		505-S-B010-02		505-S-B011-01		505-S-B011-02		505-S-B012-01		505-S-B012-02	
	ORIGINAL ID ----->	505SB01001		505SB01002		505SB01101		505SB01102		505SB01201		505SB01202	
	LAB SAMPLE ID --->	L5563-82		L5563-83		L5563-85		L5563-86		25095.15		25095.16	
	ID FROM REPORT -->	505SB01001		505SB01002		505SB01101		505SB01102		505SB01201		505SB01202	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		03/28/96		03/28/96	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		03/30/96		03/30/96	
	DATE ANALYZED --->	11/01/95		11/01/95		11/01/95		11/01/95		04/09/96		04/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	25095	VAL	25095	VAL
132-64-9	Dibenzofuran	760.	U	860.	U	720.	U	770.	U	380.	U	96.	J
121-14-2	2,4-Dinitrotoluene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
84-66-2	Diethylphthalate	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
7005-72-3	4-Chlorophenylphenylether	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
86-73-7	Fluorene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
100-01-6	4-Nitroaniline	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
101-55-3	4-Bromophenyl-phenylether	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
118-74-1	Hexachlorobenzene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
87-86-5	Pentachlorophenol	3800.	U	4300.	U	3600.	U	3800.	U	1900.	U	1900.	U
85-01-8	Phenanthrene	760.	U	860.	U	720.	U	770.	U	150.	J	94.	J
120-12-7	Anthracene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
86-74-8	Carbazole	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
84-74-2	Di-n-butylphthalate	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
206-44-0	Fluoranthene	760.	U	860.	U	720.	U	770.	U	350.	J	390.	U
129-00-0	Pyrene	760.	U	860.	U	720.	U	770.	U	260.	J	390.	U
85-68-7	Butylbenzylphthalate	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1700.	U	1400.	U	1500.	U	770.	U	780.	U
56-55-3	Benzo(a)anthracene	760.	U	860.	U	720.	U	770.	U	150.	J	390.	U
218-01-9	Chrysene	150.	J	860.	U	720.	U	770.	U	210.	J	390.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	760.	U	860.	U	720.	U	770.	U	67.	J	220.	J
117-84-0	Di-n-octyl phthalate	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
205-99-2	Benzo(b)fluoranthene	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
207-08-9	Benzo(k)fluoranthene	760.	U	860.	U	720.	U	770.	U	360.	J	390.	U
50-32-8	Benzo(a)pyrene	760.	U	860.	U	720.	U	770.	U	160.	J	390.	U
193-39-5	Indeno(1,2,3-cd)pyrene	760.	U	860.	U	720.	U	770.	U	160.	J	390.	U
53-70-3	Dibenz(a,h)anthracene	760.	U	860.	U	720.	U	770.	U	57.	J	390.	U
191-24-2	Benzo(g,h,i)perylene	760.	U	860.	U	720.	U	770.	U	150.	J	390.	U
106-44-5	4-Methylphenol (p-Cresol)	760.	U	860.	U	720.	U	770.	U	380.	U	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA													
	SAMPLE ID ------->	505-S-B013-01		505-S-B013-02		505-S-B014-01		505-S-B015-01		505-S-B015-02		505-S-B016-01	
	ORIGINAL ID ----->	505SB01301		505SB01302		505SB01401		505SB01501		505SB01502		505SB01601	
	LAB SAMPLE ID --->	25106.28		25106.29		25095.17		25095.22		25095.23		25095.20	
	ID FROM REPORT -->	505SB01301		505SB01302		505SB01401		505SB01501		505SB01502		505SB01601	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		03/30/96		03/30/96		03/30/96		03/30/96	
	DATE ANALYZED --->	04/08/96		04/08/96		04/09/96		04/09/96		04/09/96		04/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
108-95-2	Phenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
95-57-8	2-Chlorophenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
541-73-1	1,3-Dichlorobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
106-46-7	1,4-Dichlorobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
100-51-6	Benzyl alcohol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
95-50-1	1,2-Dichlorobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
67-72-1	Hexachloroethane	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
98-95-3	Nitrobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
78-59-1	Isophorone	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
88-75-5	2-Nitrophenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
105-67-9	2,4-Dimethylphenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
65-85-0	Benzoic acid	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
120-83-2	2,4-Dichlorophenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
91-20-3	Naphthalene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
106-47-8	4-Chloroaniline	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
87-68-3	Hexachlorobutadiene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
91-57-6	2-Methylnaphthalene	750.	U	820.	U	43.	J	370.	U	420.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
91-58-7	2-Chloronaphthalene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
88-74-4	2-Nitroaniline	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
131-11-3	Dimethyl phthalate	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
208-96-8	Acenaphthylene	750.	U	820.	U	41.	J	370.	U	420.	U	380.	U
606-20-2	2,6-Dinitrotoluene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
99-09-2	3-Nitroaniline	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
83-32-9	Acenaphthene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
51-28-5	2,4-Dinitrophenol	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
100-02-7	4-Nitrophenol	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	505-S-B013-01		505-S-B013-02		505-S-B014-01		505-S-B015-01		505-S-B015-02		505-S-B016-01	
	ORIGINAL ID ----->	505SB01301		505SB01302		505SB01401		505SB01501		505SB01502		505SB01601	
	LAB SAMPLE ID --->	25106.28		25106.29		25095.17		25095.22		25095.23		25095.20	
	ID FROM REPORT -->	505SB01301		505SB01302		505SB01401		505SB01501		505SB01502		505SB01601	
	SAMPLE DATE ----->	03/29/96		03/29/96		03/28/96		03/28/96		03/28/96		03/28/96	
	DATE EXTRACTED -->	04/01/96		04/01/96		03/30/96		03/30/96		03/30/96		03/30/96	
	DATE ANALYZED --->	04/08/96		04/08/96		04/09/96		04/09/96		04/09/96		04/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25106	VAL	25106	VAL	25095	VAL	25095	VAL	25095	VAL	25095	VAL
132-64-9	Dibenzofuran	750.	U	820.	U	45.	J	370.	U	420.	U	380.	U
121-14-2	2,4-Dinitrotoluene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
84-66-2	Diethylphthalate	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
86-73-7	Fluorene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
100-01-6	4-Nitroaniline	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	820.	U	43.	J	370.	U	420.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
118-74-1	Hexachlorobenzene	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
87-86-5	Pentachlorophenol	3600.	U	4000.	U	1900.	U	1800.	U	2000.	U	1900.	U
85-01-8	Phenanthrene	750.	U	820.	U	110.	J	370.	U	420.	U	380.	U
120-12-7	Anthracene	750.	U	820.	U	67.	J	370.	U	420.	U	380.	U
86-74-8	Carbazole	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
84-74-2	Di-n-butylphthalate	750.	U	820.	U	58.	J	370.	U	420.	U	380.	U
206-44-0	Fluoranthene	750.	U	820.	U	170.	J	370.	U	420.	U	100.	J
129-00-0	Pyrene	750.	U	820.	U	170.	J	50.	J	420.	U	94.	J
85-68-7	Butylbenzylphthalate	750.	U	820.	U	160.	J	370.	U	420.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	800.	U	740.	U	840.	U	770.	U
56-55-3	Benzo(a)anthracene	750.	U	820.	U	150.	J	38.	J	420.	U	60.	J
218-01-9	Chrysene	750.	U	820.	U	170.	J	65.	J	420.	U	96.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	820.	U	99.	J	86.	J	89.	J	51.	J
117-84-0	Di-n-octyl phthalate	750.	U	820.	U	49.	J	370.	U	420.	U	380.	U
205-99-2	Benzo(b)fluoranthene	750.	U	820.	U	400.	U	72.	J	420.	U	380.	U
207-08-9	Benzo(k)fluoranthene	750.	U	820.	U	280.	J	77.	J	420.	U	160.	J
50-32-8	Benzo(a)pyrene	750.	U	820.	U	160.	J	57.	J	420.	U	68.	J
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	820.	U	150.	J	58.	J	420.	U	84.	J
53-70-3	Dibenz(a,h)anthracene	750.	U	820.	U	75.	J	370.	U	420.	U	380.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	820.	U	130.	J	61.	J	420.	U	79.	J
106-44-5	4-Methylphenol (p-Cresol)	750.	U	820.	U	400.	U	370.	U	420.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	505-S-B016-02		505-S-B017-01		505-S-B017-02		505-S-B018-01		505-S-B018-02		505-S-B019-01	
	ORIGINAL ID ----->	505SB01602		505SB01701		505SB01702		505SB01801		505SB01802		505SB01901	
	LAB SAMPLE ID --->	25095.21		25095.18		25095.19		L727B-24		L7278-25		L7278-22	
	ID FROM REPORT -->	505SB01602		505SB01701		505SB01702		505SB01801		505SB01802		505SB01901	
	SAMPLE DATE ----->	03/28/96		03/28/96		03/28/96		06/19/96		06/19/96		06/19/96	
	DATE EXTRACTED -->	03/30/96		03/30/96		03/30/96		06/26/96		06/26/96		06/26/96	
	DATE ANALYZED --->	04/09/96		04/09/96		04/09/96		07/02/96		07/02/96		07/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25095	VAL	25095	VAL	25095	VAL	L7278	VAL	L7278	VAL	L7278	VAL
108-95-2	Phenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
95-57-8	2-Chlorophenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
541-73-1	1,3-Dichlorobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
106-46-7	1,4-Dichlorobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
100-51-6	Benzyl alcohol	410.	U	370.	U	420.	U	1400.	U	1500.	U	1400.	U
95-50-1	1,2-Dichlorobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
67-72-1	Hexachloroethane	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
98-95-3	Nitrobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
78-59-1	Isophorone	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
88-75-5	2-Nitrophenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
105-67-9	2,4-Dimethylphenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
65-85-0	Benzoic acid	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
120-83-2	2,4-Dichlorophenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
91-20-3	Naphthalene	410.	U	370.	U	170.	J	700.	U	760.	U	730.	U
106-47-8	4-Chloroaniline	410.	U	370.	U	420.	U	1400.	U	1500.	U	1400.	U
87-68-3	Hexachlorobutadiene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	370.	U	420.	U	1400.	U	1500.	U	1400.	U
91-57-6	2-Methylnaphthalene	410.	U	38.	J	57.	J	700.	U	760.	U	730.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	1800.	U	2000.	U	700.	U	760.	U	730.	U
91-58-7	2-Chloronaphthalene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
88-74-4	2-Nitroaniline	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
131-11-3	Dimethyl phthalate	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
208-96-8	Acenaphthylene	410.	U	370.	U	520.		700.	U	760.	U	730.	U
606-20-2	2,6-Dinitrotoluene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
99-09-2	3-Nitroaniline	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
83-32-9	Acenaphthene	410.	U	370.	U	110.	J	700.	U	760.	U	730.	U
51-28-5	2,4-Dinitrophenol	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
100-02-7	4-Nitrophenol	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	505-S-B016-02		505-S-B017-01		505-S-B017-02		505-S-B018-01		505-S-B018-02		505-S-B019-01	
	ORIGINAL ID ----->	505SB01602		505SB01701		505SB01702		505SB01801		505SB01802		505SB01901	
	LAB SAMPLE ID --->	25095.21		25095.18		25095.19		L7278-24		L7278-25		L7278-22	
	ID FROM REPORT -->	505SB01602		505SB01701		505SB01702		505SB01801		505SB01802		505SB01901	
	SAMPLE DATE ----->	03/28/96		03/28/96		03/28/96		06/19/96		06/19/96		06/19/96	
	DATE EXTRACTED -->	03/30/96		03/30/96		03/30/96		06/26/96		06/26/96		06/26/96	
	DATE ANALYZED --->	04/09/96		04/09/96		04/09/96		07/02/96		07/02/96		07/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	25095	VAL	25095	VAL	25095	VAL	L7278	VAL	L7278	VAL	L7278	VAL
132-64-9	Dibenzofuran	410.	U	370.	U	110.	J	700.	U	760.	U	730.	U
121-14-2	2,4-Dinitrotoluene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
84-66-2	Diethylphthalate	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
86-73-7	Fluorene	410.	U	370.	U	240.	J	700.	U	760.	U	730.	U
100-01-6	4-Nitroaniline	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
118-74-1	Hexachlorobenzene	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
87-86-5	Pentachlorophenol	2000.	U	1800.	U	2000.	U	3500.	U	3800.	U	3700.	U
85-01-8	Phenanthrene	410.	U	170.	J	1400.		700.	U	760.	U	730.	U
120-12-7	Anthracene	410.	U	370.	U	510.		700.	U	760.	U	730.	U
86-74-8	Carbazole	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
84-74-2	Di-n-butylphthalate	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
206-44-0	Fluoranthene	410.	U	200.	J	2600.		700.	U	760.	U	730.	U
129-00-0	Pyrene	410.	U	190.	J	2300.		150.	J	760.	U	730.	U
85-68-7	Butylbenzylphthalate	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U	740.	U	850.	U	1400.	U	1500.	U	1400.	U
56-55-3	Benzo(a)anthracene	410.	U	150.	J	1400.		700.	U	760.	U	730.	U
218-01-9	Chrysene	410.	U	150.	J	1400.		120.	J	760.	U	730.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	120.	J	46.	J	90.	J	700.	U	760.	U	730.	U
117-84-0	Di-n-octyl phthalate	410.	U	370.	U	420.	U	700.	U	760.	U	730.	U
205-99-2	Benzo(b)fluoranthene	410.	U	150.	J	1500.		700.	U	760.	U	730.	U
207-08-9	Benzo(k)fluoranthene	410.	U	120.	J	1900.		700.	U	760.	U	730.	U
50-32-8	Benzo(a)pyrene	410.	U	140.	J	2000.		700.	U	760.	U	730.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U	130.	J	2100.		700.	U	760.	U	730.	U
53-70-3	Dibenz(a,h)anthracene	410.	U	370.	U	960.		700.	U	760.	U	730.	U
191-24-2	Benzo(g,h,i)perylene	410.	U	120.	J	2100.		700.	U	760.	U	730.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	370.	U	53.	J	700.	U	760.	U	730.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

W846-SVOA											
	SAMPLE ID ------->	505-S-B019-02		505-S-B020-01		505-S-B021-01					
	ORIGINAL ID ----->	505SB01902		505SB02001		505SB02101					
	LAB SAMPLE ID --->	L7278-23		L7278-26		L7278-27					
	ID FROM REPORT -->	505SB01902		505SB02001		505SB02101					
	SAMPLE DATE ----->	06/19/96		06/19/96		06/19/96					
	DATE EXTRACTED -->	06/26/96		06/26/96		06/26/96					
	DATE ANALYZED --->	07/02/96		07/02/96		07/02/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	L7278	VAL	L7278	VAL	L7278	VAL				
108-95-2	Phenol	780.	U	800.	U	710.	U				
111-44-4	bis(2-Chloroethyl)ether	780.	U	800.	U	710.	U				
95-57-8	2-Chlorophenol	780.	U	800.	U	710.	U				
541-73-1	1,3-Dichlorobenzene	780.	U	800.	U	710.	U				
106-46-7	1,4-Dichlorobenzene	780.	U	800.	U	710.	U				
100-51-6	Benzyl alcohol	1500.	U	1600.	U	1400.	U				
95-50-1	1,2-Dichlorobenzene	780.	U	800.	U	710.	U				
95-48-7	2-Methylphenol (o-Cresol)	780.	U	800.	U	710.	U				
39638-32-9	Bis(2-Chloroisopropyl)Ether	780.	U	800.	U	710.	U				
621-64-7	N-Nitroso-di-n-propylamine	780.	U	800.	U	710.	U				
67-72-1	Hexachloroethane	780.	U	800.	U	710.	U				
98-95-3	Nitrobenzene	780.	U	800.	U	710.	U				
78-59-1	Isophorone	780.	U	800.	U	710.	U				
88-75-5	2-Nitrophenol	780.	U	800.	U	710.	U				
105-67-9	2,4-Dimethylphenol	780.	U	800.	U	710.	U				
65-85-0	Benzoic acid	3900.	U	4000.	U	3500.	U				
111-91-1	bis(2-Chloroethoxy)methane	780.	U	800.	U	710.	U				
120-83-2	2,4-Dichlorophenol	780.	U	800.	U	710.	U				
120-82-1	1,2,4-Trichlorobenzene	780.	U	800.	U	710.	U				
91-20-3	Naphthalene	780.	U	800.	U	710.	U				
106-47-8	4-Chloroaniline	1500.	U	1600.	U	1400.	U				
87-68-3	Hexachlorobutadiene	780.	U	800.	U	710.	U				
59-50-7	4-Chloro-3-methylphenol	1500.	U	1600.	U	1400.	U				
91-57-6	2-Methylnaphthalene	780.	U	800.	U	710.	U				
77-47-4	Hexachlorocyclopentadiene	780.	U	800.	U	710.	U				
88-06-2	2,4,6-Trichlorophenol	780.	U	800.	U	710.	U				
95-95-4	2,4,5-Trichlorophenol	780.	U	800.	U	710.	U				
91-58-7	2-Chloronaphthalene	780.	U	800.	U	710.	U				
88-74-4	2-Nitroaniline	3900.	U	4000.	U	3500.	U				
131-11-3	Dimethyl phthalate	780.	U	800.	U	710.	U				
208-96-8	Acenaphthylene	780.	U	800.	U	710.	U				
606-20-2	2,6-Dinitrotoluene	780.	U	800.	U	710.	U				
99-09-2	3-Nitroaniline	3900.	U	4000.	U	3500.	U				
83-32-9	Acenaphthene	780.	U	800.	U	710.	U				
51-28-5	2,4-Dinitrophenol	3900.	U	4000.	U	3500.	U				
100-02-7	4-Nitrophenol	3900.	U	4000.	U	3500.	U				

*** Validati. Complete ***

SW846-SVOA

	SAMPLE ID ------->	505-S-B019-02		505-S-B020-01		505-S-B021-01					
	ORIGINAL ID ----->	505SB01902		505SB02001		505SB02101					
	LAB SAMPLE ID --->	L7278-23		L7278-26		L7278-27					
	ID FROM REPORT -->	505SB01902		505SB02001		505SB02101					
	SAMPLE DATE ----->	06/19/96		06/19/96		06/19/96					
	DATE EXTRACTED -->	06/26/96		06/26/96		06/26/96					
	DATE ANALYZED --->	07/02/96		07/02/96		07/02/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	L7278	VAL	L7278	VAL	L7278	VAL				
132-64-9	Dibenzofuran	780.	U	800.	U	710.	U				
121-14-2	2,4-Dinitrotoluene	780.	U	800.	U	710.	U				
84-66-2	Diethylphthalate	780.	U	800.	U	710.	U				
7005-72-3	4-Chlorophenylphenylether	780.	U	800.	U	710.	U				
86-73-7	Fluorene	780.	U	800.	U	710.	U				
100-01-6	4-Nitroaniline	3900.	U	4000.	U	3500.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	3900.	U	4000.	U	3500.	U				
86-30-6	N-Nitrosodiphenylamine	780.	U	800.	U	710.	U				
101-55-3	4-Bromophenyl-phenylether	780.	U	800.	U	710.	U				
118-74-1	Hexachlorobenzene	780.	U	800.	U	710.	U				
87-86-5	Pentachlorophenol	3900.	U	4000.	U	3500.	U				
85-01-8	Phenanthrene	780.	U	800.	U	710.	U				
120-12-7	Anthracene	780.	U	800.	U	710.	U				
86-74-8	Carbazole	780.	U	800.	U	710.	U				
84-74-2	Di-n-butylphthalate	780.	U	800.	U	710.	U				
206-44-0	Fluoranthene	780.	U	800.	U	710.	U				
129-00-0	Pyrene	780.	U	800.	U	710.	U				
85-68-7	Butylbenzylphthalate	780.	U	800.	U	710.	U				
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1600.	U	1400.	U				
56-55-3	Benzo(a)anthracene	780.	U	800.	U	710.	U				
218-01-9	Chrysene	780.	U	800.	U	120.	J				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	780.	U	800.	U	710.	U				
117-84-0	Di-n-octyl phthalate	780.	U	800.	U	710.	U				
205-99-2	Benzo(b)fluoranthene	780.	U	800.	U	710.	U				
207-08-9	Benzo(k)fluoranthene	780.	U	800.	U	710.	U				
50-32-8	Benzo(a)pyrene	780.	U	800.	U	710.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	780.	U	800.	U	710.	U				
53-70-3	Dibenz(a,h)anthracene	780.	U	800.	U	710.	U				
191-24-2	Benzo(g,h,i)perylene	780.	U	800.	U	710.	U				
106-44-5	4-Methylphenol (p-Cresol)	780.	U	800.	U	710.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA															
	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-9		L5545-10		L5554-1		L5554-2		L5554-21		L5554-22	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/19/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
74-87-3	Chloromethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-01-4	Vinyl chloride	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
74-83-9	Bromomethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-00-3	Chloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-69-4	Trichlorofluoromethane	5.7	UJ	5.9	UJ	5.3	UJ	6.	UJ	5.6	UJ	5.9	UJ
67-64-1	Acetone	11.	U	32.		11.	U	12.	U	11.	U	12.	U
75-35-4	1,1-Dichloroethene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-15-0	Carbon disulfide	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-09-2	Methylene chloride	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
108-05-4	Vinyl acetate	11.	U	12.	U	11.	U	12.	U	11.	U	12.	U
75-34-3	1,1-Dichloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
78-93-3	2-Butanone (MEK)	11.	U	2.5	J	11.	U	12.	U	11.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
67-66-3	Chloroform	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
71-55-6	1,1,1-Trichloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
56-23-5	Carbon tetrachloride	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
107-06-2	1,2-Dichloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
71-43-2	Benzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
79-01-6	Trichloroethene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
78-87-5	1,2-Dichloropropane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-27-4	Bromodichloromethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
110-75-8	2-Chloroethyl vinyl ether	23.	U	24.	U	21.	U	24.	U	22.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	U	12.	U	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
108-88-3	Toluene	1.3	J	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
591-78-6	2-Hexanone	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
79-00-5	1,1,2-Trichloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
127-18-4	Tetrachloroethene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
124-48-1	Dibromochloromethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
108-90-7	Chlorobenzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
100-41-4	Ethylbenzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
100-42-5	Styrene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
75-25-2	Bromoform	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-VOA

	SAMPLE ID ------->	042-S-B001-01		042-S-B001-02		042-S-B002-01		042-S-B002-02		042-S-B003-01		042-S-B003-02	
	ORIGINAL ID ----->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	LAB SAMPLE ID --->	L5545-9		L5545-10		L5554-1		L5554-2		L5554-21		L5554-22	
	ID FROM REPORT -->	042SB00101		042SB00102		042SB00201		042SB00202		042SB00301		042SB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/19/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
541-73-1	1,3-Dichlorobenzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
106-46-7	1,4-Dichlorobenzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
95-50-1	1,2-Dichlorobenzene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
999900-05-0	m+p Xylene	5.7	U	5.9	U	5.3	U	6.	U	5.6	U	5.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

W846-VOA

	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-5		L5554-6		L5554-7		L5554-8		L5554-3		L5554-4	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
74-87-3	Chloromethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-01-4	Vinyl chloride	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
74-83-9	Bromomethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-00-3	Chloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-69-4	Trichlorofluoromethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	UJ	6.2	U
67-64-1	Acetone	11.	U	12.	U	11.	U	13.	U	11.	U	14.	
75-35-4	1,1-Dichloroethene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-15-0	Carbon disulfide	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-09-2	Methylene chloride	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
156-60-5	trans-1,2-Dichloroethene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
108-05-4	Vinyl acetate	11.	U	12.	U	11.	U	13.	U	11.	U	12.	U
75-34-3	1,1-Dichloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	13.	U	11.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
67-66-3	Chloroform	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
71-55-6	1,1,1-Trichloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
56-23-5	Carbon tetrachloride	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
107-06-2	1,2-Dichloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
71-43-2	Benzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
79-01-6	Trichloroethene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
78-87-5	1,2-Dichloropropane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-27-4	Bromodichloromethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	23.	U	23.	U	25.	U	22.	U	25.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	U	13.	U	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
108-88-3	Toluene	5.4	U	5.8	U	2.	J	6.4	U	5.6	U	6.2	U
10061-02-6	trans-1,3-Dichloropropene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
591-78-6	2-Hexanone	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
79-00-5	1,1,2-Trichloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
127-18-4	Tetrachloroethene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
124-48-1	Dibromochloromethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
108-90-7	Chlorobenzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
100-41-4	Ethylbenzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
100-42-5	Styrene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
75-25-2	Bromoform	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	042-S-B004-01		042-S-B004-02		042-S-B005-01		042-S-B005-02		042-S-B006-01		042-S-B006-02	
	ORIGINAL ID ----->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	LAB SAMPLE ID --->	L5554-5		L5554-6		L5554-7		L5554-8		L5554-3		L5554-4	
	ID FROM REPORT -->	042SB00401		042SB00402		042SB00501		042SB00502		042SB00601		042SB00602	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
541-73-1	1,3-Dichlorobenzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
106-46-7	1,4-Dichlorobenzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
95-50-1	1,2-Dichlorobenzene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
999900-05-0	m+p Xylene	5.4	U	5.8	U	5.6	U	6.4	U	5.6	U	6.2	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA

	SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
	ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	LAB SAMPLE ID --->	L5554-11		L5554-12		L5554-13		L5554-16		L5554-17		L5554-18	
	ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
74-87-3	Chloromethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-01-4	Vinyl chloride	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
74-83-9	Bromomethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-00-3	Chloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-69-4	Trichlorofluoromethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
67-64-1	Acetone	13.	U	12.	U	12.	U	12.	U	12.	U	12.	J
75-35-4	1,1-Dichloroethene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-15-0	Carbon disulfide	6.3	U	6.1	U	5.8	U	6.	U	88.		6.2	U
75-09-2	Methylene chloride	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
108-05-4	Vinyl acetate	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
78-93-3	2-Butanone (MEK)	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
67-66-3	Chloroform	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
71-55-6	1,1,1-Trichloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
56-23-5	Carbon tetrachloride	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
107-06-2	1,2-Dichloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
71-43-2	Benzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
79-01-6	Trichloroethene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
78-87-5	1,2-Dichloropropane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-27-4	Bromodichloromethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
110-75-8	2-Chloroethyl vinyl ether	25.	U	24.	U	23.	U	24.	U	23.	U	25.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
108-88-3	Toluene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
10061-02-6	trans-1,3-Dichloropropene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
591-78-6	2-Hexanone	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
79-00-5	1,1,2-Trichloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
127-18-4	Tetrachloroethene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
124-48-1	Dibromochloromethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
108-90-7	Chlorobenzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
100-41-4	Ethylbenzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
100-42-5	Styrene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
75-25-2	Bromoform	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	042-S-B007-01		042-S-B007-02		042-S-B008-01		042-S-B008-02		042-S-B009-01		042-S-B009-02	
	ORIGINAL ID ----->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	LAB SAMPLE ID --->	L5554-11		L5554-12		L5554-13		L5554-16		L5554-17		L5554-18	
	ID FROM REPORT -->	042SB00701		042SB00702		042SB00801		042SB00802		042SB00901		042SB00902	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/06/95		10/06/95		10/06/95		10/06/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL	L5554	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
541-73-1	1,3-Dichlorobenzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
106-46-7	1,4-Dichlorobenzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
95-50-1	1,2-Dichlorobenzene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
999900-05-0	m+p Xylene	6.3	U	6.1	U	5.8	U	6.	U	5.9	U	6.2	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA															
	SAMPLE ID ------->	042-S-B010-01		505-S-B001-01		505-S-B001-02		505-S-B002-01		505-S-B003-01		505-S-B003-02	
	ORIGINAL ID ----->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	LAB SAMPLE ID --->	L5563-37		L5554-19		L5554-20		L5563-29		L5563-30		L5563-31	
	ID FROM REPORT -->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	SAMPLE DATE ----->	10/07/95		10/06/95		10/06/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/21/95		10/19/95		10/19/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-01-4	Vinyl chloride	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
74-83-9	Bromomethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-00-3	Chloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-69-4	Trichlorofluoromethane	7.9	U	7.1	UJ	6.	UJ	5.8	U	5.8	UJ	5.8	UJ
67-64-1	Acetone	16.	U	14.	U	12.	U	12.	U	12.	UJ	12.	UJ
75-35-4	1,1-Dichloroethene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-15-0	Carbon disulfide	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-09-2	Methylene chloride	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
156-60-5	trans-1,2-Dichloroethene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
108-05-4	Vinyl acetate	16.	U	14.	U	12.	U	12.	U	12.	UJ	12.	UJ
75-34-3	1,1-Dichloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
78-93-3	2-Butanone (MEK)	16.	U	14.	U	12.	U	12.	U	12.	UJ	12.	UJ
156-59-2	cis-1,2-Dichloroethene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
67-66-3	Chloroform	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
71-55-6	1,1,1-Trichloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
56-23-5	Carbon tetrachloride	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
107-06-2	1,2-Dichloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
71-43-2	Benzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
79-01-6	Trichloroethene	7.9	U	7.1	U	6.	U	1.7	J	1.9	J	5.8	UJ
78-87-5	1,2-Dichloropropane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-27-4	Bromodichloromethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
110-75-8	2-Chloroethyl vinyl ether	32.	U	28.	U	24.	U	23.	U	23.	UJ	23.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	16.	U	14.	U	12.	U	12.	U	12.	UJ	12.	UJ
10061-01-5	cis-1,3-Dichloropropene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
108-88-3	Toluene	7.9	U	1.9	J	6.	U	5.8	U	5.8	UJ	5.8	UJ
10061-02-6	trans-1,3-Dichloropropene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
591-78-6	2-Hexanone	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
79-00-5	1,1,2-Trichloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
127-18-4	Tetrachloroethene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
124-48-1	Dibromochloromethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
108-90-7	Chlorobenzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
100-41-4	Ethylbenzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
100-42-5	Styrene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
75-25-2	Bromoform	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	042-S-B010-01		505-S-B001-01		505-S-B001-02		505-S-B002-01		505-S-B003-01		505-S-B003-02	
	ORIGINAL ID ----->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	LAB SAMPLE ID --->	L5563-37		L5554-19		L5554-20		L5563-29		L5563-30		L5563-31	
	ID FROM REPORT -->	042SB01001		505SB00101		505SB00102		505SB00201		505SB00301		505SB00302	
	SAMPLE DATE ----->	10/07/95		10/06/95		10/06/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/21/95		10/19/95		10/19/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
541-73-1	1,3-Dichlorobenzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
106-46-7	1,4-Dichlorobenzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
95-50-1	1,2-Dichlorobenzene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
999900-05-0	m+p Xylene	7.9	U	7.1	U	6.	U	5.8	U	5.8	UJ	5.8	UJ
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-VOA													
	SAMPLE ID ------->	505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02		505-S-B006-01		505-S-B007-01	
	ORIGINAL ID ----->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	LAB SAMPLE ID --->	L5554-9		L5554-10		L5563-22		L5563-23		L5563-24		L5563-25	
	ID FROM REPORT -->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-01-4	Vinyl chloride	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
74-83-9	Bromomethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-00-3	Chloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-69-4	Trichlorofluoromethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
67-64-1	Acetone	12.	U	23.		12.	UJ	12.	U	12.	UJ	13.	U
75-35-4	1,1-Dichloroethene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-15-0	Carbon disulfide	6.1	U	2.3	J	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-09-2	Methylene chloride	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
156-60-5	trans-1,2-Dichloroethene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
108-05-4	Vinyl acetate	12.	U	12.	U	12.	UJ	12.	U	12.	UJ	13.	U
75-34-3	1,1-Dichloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	12.	UJ	12.	U	12.	UJ	13.	U
156-59-2	cis-1,2-Dichloroethene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
67-66-3	Chloroform	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
71-55-6	1,1,1-Trichloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
56-23-5	Carbon tetrachloride	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
107-06-2	1,2-Dichloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
71-43-2	Benzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
79-01-6	Trichloroethene	6.1	U	6.1	U	5.4	J	5.9	U	3.	J	6.7	U
78-87-5	1,2-Dichloropropane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-27-4	Bromodichloromethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
110-75-8	2-Chloroethyl vinyl ether	24.	U	24.	U	24.	UJ	24.	U	25.	UJ	27.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	UJ	12.	U	12.	UJ	13.	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
108-88-3	Toluene	1.3	J	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
591-78-6	2-Hexanone	6.1	U	6.1	U	6.1	UJ	1.2	J	6.2	UJ	6.7	U
79-00-5	1,1,2-Trichloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
127-18-4	Tetrachloroethene	6.1	U	6.1	U	1.3	J	5.9	U	6.2	UJ	6.7	U
124-48-1	Dibromochloromethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
108-90-7	Chlorobenzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
100-41-4	Ethylbenzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
100-42-5	Styrene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
75-25-2	Bromoform	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	505-S-B004-01		505-S-B004-02		505-S-B005-01		505-S-B005-02		505-S-B006-01		505-S-B007-01	
	ORIGINAL ID ----->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	LAB SAMPLE ID --->	L5554-9		L5554-10		L5563-22		L5563-23		L5563-24		L5563-25	
	ID FROM REPORT -->	505SB00401		505SB00402		505SB00501		505SB00502		505SB00601		505SB00701	
	SAMPLE DATE ----->	10/06/95		10/06/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5554	VAL	L5554	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
541-73-1	1,3-Dichlorobenzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
106-46-7	1,4-Dichlorobenzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
95-50-1	1,2-Dichlorobenzene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
99900-05-0	m+p Xylene	6.1	U	6.1	U	6.1	UJ	5.9	U	6.2	UJ	6.7	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA	SAMPLE ID ------->	505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01		505-S-B010-01		505-S-B010-02	
	ORIGINAL ID ----->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	LAB SAMPLE ID --->	L5563-26		L5563-27		L5563-28		L5563-34		L5563-32		L5563-33	
	ID FROM REPORT -->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/18/95		10/20/95		10/18/95		10/20/95		10/18/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-01-4	Vinyl chloride	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
74-83-9	Bromomethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-00-3	Chloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-69-4	Trichlorofluoromethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
67-64-1	Acetone	55.	J	10.	J	50.	J	11.	U	12.	U	17.	U
75-35-4	1,1-Dichloroethene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-15-0	Carbon disulfide	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-09-2	Methylene chloride	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
156-60-5	trans-1,2-Dichloroethene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
108-05-4	Vinyl acetate	12.	UJ	15.	U	12.	U	11.	U	12.	U	13.	U
75-34-3	1,1-Dichloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
78-93-3	2-Butanone (MEK)	16.	J	15.	U	12.	U	11.	U	12.	U	13.	U
156-59-2	cis-1,2-Dichloroethene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
67-66-3	Chloroform	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
71-55-6	1,1,1-Trichloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
56-23-5	Carbon tetrachloride	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
107-06-2	1,2-Dichloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
71-43-2	Benzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
79-01-6	Trichloroethene	1.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
78-87-5	1,2-Dichloropropane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-27-4	Bromodichloromethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
110-75-8	2-Chloroethyl vinyl ether	25.	UJ	30.	U	25.	U	23.	U	23.	U	26.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	UJ	15.	U	12.	U	11.	U	12.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
108-88-3	Toluene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
10061-02-6	trans-1,3-Dichloropropene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
591-78-6	2-Hexanone	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
79-00-5	1,1,2-Trichloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
127-18-4	Tetrachloroethene	2.3	J	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
124-48-1	Dibromochloromethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
108-90-7	Chlorobenzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
100-41-4	Ethylbenzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
100-42-5	Styrene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
75-25-2	Bromoform	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	505-S-B007-02		505-S-B008-01		505-S-B008-02		505-S-B009-01		505-S-B010-01		505-S-B010-02	
	ORIGINAL ID ----->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	LAB SAMPLE ID --->	L5563-26		L5563-27		L5563-28		L5563-34		L5563-32		L5563-33	
	ID FROM REPORT -->	505SB00702		505SB00801		505SB00802		505SB00901		505SB01001		505SB01002	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/18/95		10/20/95		10/18/95		10/20/95		10/18/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
541-73-1	1,3-Dichlorobenzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
106-46-7	1,4-Dichlorobenzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
95-50-1	1,2-Dichlorobenzene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
99900-05-0	m+p Xylene	6.2	UJ	7.5	U	6.2	U	5.7	U	5.8	U	6.5	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA

SAMPLE ID ------->	505-S-B011-01		505-S-B011-02				
ORIGINAL ID ----->	505SB01101		505SB01102				
LAB SAMPLE ID --->	L5563-35		L5563-36				
ID FROM REPORT -->	505SB01101		505SB01102				
SAMPLE DATE ----->	10/07/95		10/07/95				
DATE ANALYZED --->	10/20/95		10/20/95				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	L5563	VAL	L5563	VAL			
74-87-3 Chloromethane	5.5	U	5.9	U			
75-01-4 Vinyl chloride	5.5	U	5.9	U			
74-83-9 Bromomethane	5.5	U	5.9	U			
75-00-3 Chloroethane	5.5	U	5.9	U			
75-69-4 Trichlorofluoromethane	5.5	U	5.9	U			
67-64-1 Acetone	11.	U	15.				
75-35-4 1,1-Dichloroethene	5.5	U	5.9	U			
75-15-0 Carbon disulfide	5.5	U	5.9	U			
75-09-2 Methylene chloride	5.5	U	2.9	J			
156-60-5 trans-1,2-Dichloroethene	5.5	U	5.9	U			
108-05-4 Vinyl acetate	11.	U	12.	U			
75-34-3 1,1-Dichloroethane	5.5	U	5.9	U			
78-93-3 2-Butanone (MEK)	11.	U	12.	U			
156-59-2 cis-1,2-Dichloroethene	5.5	U	5.9	U			
67-66-3 Chloroform	5.5	U	5.9	U			
71-55-6 1,1,1-Trichloroethane	5.5	U	5.9	U			
56-23-5 Carbon tetrachloride	5.5	U	5.9	U			
107-06-2 1,2-Dichloroethane	5.5	U	5.9	U			
71-43-2 Benzene	5.5	U	5.9	U			
79-01-6 Trichloroethene	5.5	U	5.9	U			
78-87-5 1,2-Dichloropropane	5.5	U	5.9	U			
75-27-4 Bromodichloromethane	5.5	U	5.9	U			
110-75-8 2-Chloroethyl vinyl ether	22.	U	24.	U			
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U			
10061-01-5 cis-1,3-Dichloropropene	5.5	U	5.9	U			
108-88-3 Toluene	5.5	U	5.9	U			
10061-02-6 trans-1,3-Dichloropropene	5.5	U	5.9	U			
591-78-6 2-Hexanone	5.5	U	5.9	U			
79-00-5 1,1,2-Trichloroethane	5.5	U	5.9	U			
127-18-4 Tetrachloroethene	5.5	U	5.9	U			
124-48-1 Dibromochloromethane	5.5	U	5.9	U			
108-90-7 Chlorobenzene	5.5	U	5.9	U			
100-41-4 Ethylbenzene	5.5	U	5.9	U			
1330-20-7 Xylene (Total)	NR		NR				
95-47-6 o-Xylene	5.5	U	5.9	U			
100-42-5 Styrene	5.5	U	5.9	U			
75-25-2 Bromoform	5.5	U	5.9	U			

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA									
	SAMPLE ID ------->	505-S-B011-01		505-S-B011-02					
	ORIGINAL ID ----->	505SB01101		505SB01102					
	LAB SAMPLE ID --->	L5563-35		L5563-36					
	ID FROM REPORT -->	505SB01101		505SB01102					
	SAMPLE DATE ----->	10/07/95		10/07/95					
	DATE ANALYZED --->	10/20/95		10/20/95					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	L5563	VAL	L5563	VAL				
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	5.9	U				
541-73-1	1,3-Dichlorobenzene	5.5	U	5.9	U				
106-46-7	1,4-Dichlorobenzene	5.5	U	5.9	U				
95-50-1	1,2-Dichlorobenzene	5.5	U	5.9	U				
99900-05-0	m+p Xylene	5.5	U	5.9	U				
540-59-0	1,2-Dichloroethene (total)	NR		NR					

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE											
		SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01			
		ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101			
		LAB SAMPLE ID --->	L5970-58		L5970-59		L5959-13		L5970-56			
		ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101			
		SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95			
		DATE EXTRACTED -->	12/08/95		12/08/95		12/06/95		12/08/95			
		DATE ANALYZED --->	12/08/95		12/08/95		12/06/95		12/08/95			
		MATRIX ---------->	Water		Water		Water		Water			
		UNITS ---------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter		L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL		
57-12-5	Cyanide (CN)		0.01	U	0.01	U	0.01	U	0.01	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-HERB											
	SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01			
	ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101			
	LAB SAMPLE ID --->	L5970-45		L5970-47		L5959-10		L5970-41			
	ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101			
	SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95			
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95			
	DATE ANALYZED --->	12/11/95		12/11/95		12/10/95		12/11/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL		
75-99-0	Dalapon	19.	U	17.	U	19.	U	19.	U		
1918-00-9	Dicamba	0.89	U	0.81	U	0.89	U	0.89	U		
93-65-2	MCPP	630.	U	570.	U	630.	U	630.	U		
94-74-6	MCPA	830.	U	750.	U	830.	U	830.	U		
120-36-5	Dichlorprop	2.2	U	2.	U	2.2	U	2.2	U		
94-75-7	2,4-D	4.	U	3.6	U	4.	U	4.	U		
93-72-1	2,4,5-TP (Silvex)	0.56	U	0.51	U	0.56	U	0.56	U		
93-76-5	2,4,5-T	0.66	U	0.6	U	0.66	U	0.66	U		
94-82-6	2,4-DB	4.	U	3.6	U	4.	U	4.	U		
88-85-7	Dinoseb	0.88	U	0.8	U	0.88	U	0.88	U		

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META											
		SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01		
		ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101		
		LAB SAMPLE ID --->	L5970-53		L5970-54		L5959-12		L5970-51		
		ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101		
		SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95		
		DATE EXTRACTED -->	12/13/95		12/13/95		12/13/95		12/13/95		
		DATE ANALYZED --->	12/15/95		12/15/95		12/15/95		12/15/95		
		MATRIX ---------->	Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL	
7429-90-5	Aluminum (Al)		649.		2020.		229.		675.		
7440-36-0	Antimony (Sb)		51.	U	51.	U	51.	U	51.	U	
7440-38-2	Arsenic (As)		4.	U	4.	U	4.	U	4.	U	
7440-39-3	Barium (Ba)		14.9	J	53.6	J	35.6	J	14.	U	
7440-41-7	Beryllium (Be)		1.	U	1.	U	1.	U	1.	U	
7440-43-9	Cadmium (Cd)		5.	U	5.	U	5.	U	5.	U	
7440-70-2	Calcium (Ca)		36500.		15700.		78300.		78800.		
7440-47-3	Chromium (Cr)		4.	U	4.9	J	4.	U	4.	U	
7440-48-4	Cobalt (Co)		6.	U	25.	J	6.	U	6.	U	
7440-50-8	Copper (Cu)		3.	U	7.5	J	3.	U	9.9	J	
7439-89-6	Iron (Fe)		2030.	J	11100.	J	260.	J	25800.	J	
7439-92-1	Lead (Pb)		3.	U	3.	U	3.	U	3.	U	
7439-95-4	Magnesium (Mg)		11100.		4980.	J	23400.		4900.	J	
7439-96-5	Manganese (Mn)		353.		827.		365.		232.		
7439-97-6	Mercury (Hg)		0.2	U	0.2	U	0.2	U	0.2	U	
7440-02-0	Nickel (Ni)		14.	U	14.	U	14.	U	14.	U	
7440-09-7	Potassium (K)		6220.		9220.		9300.		2250.	J	
7782-49-2	Selenium (Se)		3.	U	3.	U	3.	U	3.	U	
7440-22-4	Silver (Ag)		3.	U	3.	U	3.	U	3.	U	
7440-23-5	Sodium (Na)		77000.	J	109000.	J	48500.	J	9280.	J	
7440-28-0	Thallium (Tl)		4.	UJ	4.	UJ	4.	UJ	4.	U	
7440-62-2	Vanadium (V)		4.	U	4.	U	4.	U	4.	U	
7440-66-6	Zinc (Zn)		10.7	U	99.6		3.	U	66.5		
7440-31-5	Tin (Sn)		NR		NR		NR		NR		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-PEST

SAMPLE ID ------->		042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01			
ORIGINAL ID ----->		042GW00101		042GW00201		042GW00301		505GW00101			
LAB SAMPLE ID --->		L5970-35		L5970-37		L5959-8		L5970-31			
ID FROM REPORT -->		042GW00101		042GW00201		042GW00301		505GW00101			
SAMPLE DATE ----->		12/05/95		12/05/95		12/04/95		12/05/95			
DATE EXTRACTED -->		12/11/95		12/11/95		12/06/95		12/11/95			
DATE ANALYZED --->		12/15/95		12/15/95		12/12/95		12/15/95			
MATRIX ---------->		Water		Water		Water		Water			
UNITS ---------->		UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL		
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U		
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U		
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U		
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U		
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U		
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U		
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U		
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U		
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U		
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U		
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U		
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U		
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U		
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U		
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U		
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U		
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U		
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U		
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U		
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U		
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U		
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U		
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U		
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U		
57-74-9	Chlordane	1.	U	1.	U	1.	U	1.	U		
53494-70-5	Endrin ketone	NR		NR		NR		NR			
465-73-6	Isodrin	NR		NR		NR		NR			
143-50-0	Kepone	NR		NR		NR		NR			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01		
ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101		
LAB SAMPLE ID --->	L5970-25		L5970-27		L5959-6		L5970-21		
ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101		
SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95		
DATE EXTRACTED -->	12/11/95		12/11/95		12/06/95		12/11/95		
DATE ANALYZED --->	12/21/95		12/22/95		12/15/95		12/22/95		
MATRIX ---------->	Water		Water		Water		Water		
UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS # Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL	
108-95-2 Phenol	9.9	U	11.	U	11.	U	9.8	U	
111-44-4 bis(2-Chloroethyl)ether	9.9	U	11.	U	11.	U	9.8	U	
95-57-8 2-Chlorophenol	9.9	U	11.	U	11.	U	9.8	U	
541-73-1 1,3-Dichlorobenzene	9.9	U	11.	U	11.	U	9.8	U	
106-46-7 1,4-Dichlorobenzene	9.9	U	11.	U	11.	U	9.8	U	
100-51-6 Benzyl alcohol	20.	U	21.	U	21.	U	20.	U	
95-50-1 1,2-Dichlorobenzene	9.9	U	11.	U	11.	U	9.8	U	
95-48-7 2-Methylphenol (o-Cresol)	9.9	U	11.	U	11.	U	9.8	U	
39638-32-9 Bis(2-Chloroisopropyl)Ether	9.9	U	11.	U	11.	U	9.8	U	
621-64-7 N-Nitroso-di-n-propylamine	9.9	U	11.	U	11.	U	9.8	U	
67-72-1 Hexachloroethane	9.9	U	11.	U	11.	U	9.8	U	
98-95-3 Nitrobenzene	9.9	U	11.	U	11.	U	9.8	U	
78-59-1 Isophorone	9.9	U	11.	U	11.	U	9.8	U	
88-75-5 2-Nitrophenol	9.9	U	11.	U	11.	U	9.8	U	
105-67-9 2,4-Dimethylphenol	9.9	U	11.	U	11.	U	9.8	U	
65-85-0 Benzoic acid	50.	UJ	53.	UJ	53.	U	49.	UJ	
111-91-1 bis(2-Chloroethoxy)methane	9.9	U	11.	U	11.	U	9.8	U	
120-83-2 2,4-Dichlorophenol	9.9	U	11.	U	11.	U	9.8	U	
120-82-1 1,2,4-Trichlorobenzene	9.9	U	11.	U	11.	U	9.8	U	
91-20-3 Naphthalene	9.9	U	11.	U	11.	U	9.8	U	
106-47-8 4-Chloroaniline	20.	U	21.	U	21.	U	20.	U	
87-68-3 Hexachlorobutadiene	9.9	U	11.	U	11.	U	9.8	U	
59-50-7 4-Chloro-3-methylphenol	20.	U	21.	U	21.	U	20.	U	
91-57-6 2-Methylnaphthalene	9.9	U	11.	U	11.	U	9.8	U	
77-47-4 Hexachlorocyclopentadiene	9.9	U	11.	U	11.	U	9.8	U	
88-06-2 2,4,6-Trichlorophenol	9.9	U	11.	U	11.	U	9.8	U	
95-95-4 2,4,5-Trichlorophenol	9.9	U	11.	U	11.	U	9.8	U	
91-58-7 2-Chloronaphthalene	9.9	U	11.	U	11.	U	9.8	U	
88-74-4 2-Nitroaniline	50.	U	53.	U	53.	U	49.	U	
131-11-3 Dimethyl phthalate	9.9	U	11.	U	11.	U	9.8	U	
208-96-8 Acenaphthylene	9.9	U	11.	U	11.	U	9.8	U	
606-20-2 2,6-Dinitrotoluene	9.9	U	11.	U	11.	U	9.8	U	
99-09-2 3-Nitroaniline	50.	U	53.	U	53.	U	49.	U	
83-32-9 Acenaphthene	9.9	U	11.	U	11.	U	9.8	U	
51-28-5 2,4-Dinitrophenol	50.	U	53.	U	53.	U	49.	U	
100-02-7 4-Nitrophenol	50.	U	53.	U	53.	U	49.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA											
	SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01			
	ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101			
	LAB SAMPLE ID --->	L5970-25		L5970-27		L5959-6		L5970-21			
	ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101			
	SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95			
	DATE EXTRACTED -->	12/11/95		12/11/95		12/06/95		12/11/95			
	DATE ANALYZED --->	12/21/95		12/22/95		12/15/95		12/22/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL		
132-64-9	Dibenzofuran	9.9	U	11.	U	11.	U	9.8	U		
121-14-2	2,4-Dinitrotoluene	9.9	U	11.	U	11.	U	9.8	U		
84-66-2	Diethylphthalate	9.9	U	11.	U	11.	U	9.8	U		
7005-72-3	4-Chlorophenylphenylether	9.9	U	11.	U	11.	U	9.8	U		
86-73-7	Fluorene	9.9	U	11.	U	11.	U	9.8	U		
100-01-6	4-Nitroaniline	20.	UJ	21.	UJ	21.	UJ	20.	UJ		
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	53.	U	53.	U	49.	U		
86-30-6	N-Nitrosodiphenylamine	9.9	U	11.	U	11.	U	9.8	U		
101-55-3	4-Bromophenyl-phenylether	9.9	U	11.	U	11.	U	9.8	U		
118-74-1	Hexachlorobenzene	9.9	U	11.	U	11.	U	9.8	U		
87-86-5	Pentachlorophenol	50.	U	53.	U	53.	U	49.	U		
85-01-8	Phenanthrene	9.9	U	11.	U	11.	U	9.8	U		
120-12-7	Anthracene	9.9	U	11.	U	11.	U	9.8	U		
86-74-8	Carbazole	9.9	U	11.	U	11.	U	9.8	U		
84-74-2	Di-n-butylphthalate	9.9	U	11.	U	11.	U	9.8	U		
206-44-0	Fluoranthene	9.9	U	11.	U	11.	U	9.8	U		
129-00-0	Pyrene	9.9	U	11.	U	11.	U	9.8	U		
85-68-7	Butylbenzylphthalate	9.9	U	11.	U	11.	U	9.8	U		
91-94-1	3,3'-Dichlorobenzidine	20.	U	21.	U	21.	U	20.	U		
56-55-3	Benzo(a)anthracene	9.9	U	11.	U	11.	U	9.8	U		
218-01-9	Chrysene	9.9	U	11.	U	11.	U	9.8	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	9.9	U	11.	U	11.	U	9.8	U		
117-84-0	Di-n-octyl phthalate	9.9	U	11.	U	11.	U	9.8	U		
205-99-2	Benzo(b)fluoranthene	9.9	U	11.	U	11.	U	9.8	U		
207-08-9	Benzo(k)fluoranthene	9.9	U	11.	U	11.	U	9.8	U		
50-32-8	Benzo(a)pyrene	9.9	U	11.	U	11.	U	9.8	U		
193-39-5	Indeno(1,2,3-cd)pyrene	9.9	U	11.	U	11.	U	9.8	U		
53-70-3	Dibenz(a,h)anthracene	9.9	U	11.	U	11.	U	9.8	U		
191-24-2	Benzo(g,h,i)perylene	9.9	U	11.	U	11.	U	9.8	U		
106-44-5	4-Methylphenol (p-Cresol)	9.9	U	11.	U	11.	U	9.8	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR			

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01		
ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101		
LAB SAMPLE ID --->	L5970-7		L5970-10		L5959-3		L5970-1		
ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101		
SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95		
DATE ANALYZED --->	12/15/95		12/15/95		12/07/95		12/15/95		
MATRIX ---------->	Water		Water		Water		Water		
UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS # Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL	
74-87-3 Chloromethane	7.8		5.	U	5.	U	5.	U	
75-01-4 Vinyl chloride	5.	U	5.	U	5.	U	5.	U	
74-83-9 Bromomethane	5.	UJ	5.	UJ	5.	U	5.	UJ	
75-00-3 Chloroethane	5.	U	5.	U	5.	U	5.	U	
75-69-4 Trichlorofluoromethane	5.	U	5.	U	5.	UJ	5.	U	
67-64-1 Acetone	10.	U	14.	U	10.	U	10.	U	
75-35-4 1,1-Dichloroethene	5.	U	5.	U	5.	U	1.	J	
75-15-0 Carbon disulfide	5.	U	5.	U	5.	U	5.	U	
75-09-2 Methylene chloride	5.	U	5.	U	5.	U	5.	U	
156-60-5 trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	
108-05-4 Vinyl acetate	10.	U	10.	U	10.	U	10.	U	
75-34-3 1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	
78-93-3 2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	
156-59-2 cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	
67-66-3 Chloroform	5.	U	5.	U	5.	U	5.	U	
71-55-6 1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	
56-23-5 Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	
107-06-2 1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	
71-43-2 Benzene	5.	U	5.	U	5.	U	5.	U	
79-01-6 Trichloroethene	5.9	U	5.	U	5.	U	5.	U	
78-87-5 1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	
75-27-4 Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	
110-75-8 2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	
108-10-1 4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	
10061-01-5 cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	
108-88-3 Toluene	5.	U	5.	U	5.	U	5.	U	
10061-02-6 trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	
591-78-6 2-Hexanone	10.	U	10.	U	10.	U	10.	U	
79-00-5 1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	
127-18-4 Tetrachloroethene	5.9		5.	U	5.	U	5.	U	
124-48-1 Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	
108-90-7 Chlorobenzene	5.	U	5.	U	5.	U	1.3	J	
100-41-4 Ethylbenzene	5.	U	5.	U	5.	U	1.2	J	
1330-20-7 Xylene (Total)	NR		NR		NR		NR		
95-47-6 o-Xylene	5.	U	5.	U	5.	U	1.4	J	
100-42-5 Styrene	5.	U	5.	U	5.	U	5.	U	
75-25-2 Bromoform	5.	U	5.	U	5.	U	5.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA											
	SAMPLE ID ------->	042-G-W001-01		042-G-W002-01		042-G-W003-01		505-G-W001-01			
	ORIGINAL ID ----->	042GW00101		042GW00201		042GW00301		505GW00101			
	LAB SAMPLE ID --->	L5970-7		L5970-10		L5959-3		L5970-1			
	ID FROM REPORT -->	042GW00101		042GW00201		042GW00301		505GW00101			
	SAMPLE DATE ----->	12/05/95		12/05/95		12/04/95		12/05/95			
	DATE ANALYZED --->	12/15/95		12/15/95		12/07/95		12/15/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	L5970	VAL	L5970	VAL	L5959	VAL	L5970	VAL		
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	1.5	J		
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	1.8	J		
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	2.	J		
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	1.8	J		
99900-05-0	m+p Xylene	5.	U	5.	U	5.	U	3.5	J		
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR			

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

METALS										
	SAMPLE ID ------->	042-G-W001-04		042-G-W002-04		042-G-W003-04				
	ORIGINAL ID ----->	042GW00104		042GW00204		042GW00304				
	LAB SAMPLE ID --->	6423-05		6423-06		6423-07				
	ID FROM REPORT -->	042GW00104		042GW00204		042GW00304				
	SAMPLE DATE ----->	10/09/96		10/09/96		10/09/96				
	DATE EXTRACTED -->	10/11/96		10/11/96		10/11/96				
	DATE ANALYZED --->	10/14/96		10/14/96		10/14/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL			
7429-90-5	Aluminum (Al)	364.		325.	U	296.	U			
7440-36-0	Antimony (Sb)	2.	U	2.	U	2.	U			
7440-38-2	Arsenic (As)	2.1	U	2.9	J	2.1	U			
7440-39-3	Barium (Ba)	15.6	J	30.9	J	12.6	J			
7440-41-7	Beryllium (Be)	0.11	U	0.11	U	0.11	U			
7440-43-9	Cadmium (Cd)	0.22	U	0.22	U	0.29	J			
7440-70-2	Calcium (Ca)	24200.		8630.		46400.				
7440-47-3	Chromium (Cr)	1.3	U	0.78	U	1.2	U			
7440-48-4	Cobalt (Co)	0.67	U	12.1	J	0.67	U			
7440-50-8	Copper (Cu)	5.5	J	0.89	UJ	2.	J			
7439-89-6	Iron (Fe)	715.		3620.		192.				
7439-92-1	Lead (Pb)	1.4	U	1.4	U	1.8	U			
7439-95-4	Magnesium (Mg)	9370.		2790.	J	8190.				
7439-96-5	Manganese (Mn)	218.		533.		18.6				
7439-97-6	Mercury (Hg)	0.1	UJ	0.1	UJ	0.1	UJ			
7440-02-0	Nickel (Ni)	0.67	U	0.9	J	0.67	U			
7440-09-7	Potassium (K)	9720.	J	12700.	J	8630.	J			
7782-49-2	Selenium (Se)	2.1	U	2.1	U	3.1	J			
7440-22-4	Silver (Ag)	1.	U	1.	U	111.				
7440-23-5	Sodium (Na)	76900.		80300.		19900.				
7440-28-0	Thallium (Tl)	3.1	U	3.1	U	3.1	U			
7440-62-2	Vanadium (V)	1.2	U	0.59	U	0.96	U			
7440-66-6	Zinc (Zn)	19.3	U	27.9	U	18.6	U			
7440-31-5	Tin (Sn)	51.4	J	5.5	U	23.3	J			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W-VOA									
	SAMPLE ID ------->	042-G-W001-04		042-G-W002-04		042-G-W003-04		505-G-W001-04	
	ORIGINAL ID ----->	042GW00104		042GW00204		042GW00304		505GW00104	
	LAB SAMPLE ID --->	6423-05		6423-06		6423-07		6434-01RE	
	ID FROM REPORT -->	042GW00104		042GW00204		042GW00304		505GW00104	
	SAMPLE DATE ----->	10/09/96		10/09/96		10/09/96		10/10/96	
	DATE EXTRACTED -->	10/14/96		10/11/96		10/11/96			
	DATE ANALYZED --->	10/17/96		10/22/96		10/22/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6382	VAL	6382	VAL	6382	VAL	6434	VAL
74-87-3	Chloromethane	10.	U	10.	UJ	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ	10.	UJ	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	5.	U	5.	UJ	5.	UJ	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	UR	5.	UJ	5.	UJ	5.	UJ
75-25-2	Bromoform	5.	UJ	5.	UJ	5.	UJ	5.	UJ
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
		SAMPLE ID ------->	042-G-W001-02		042-G-W001-03		042-G-W002-02		042-G-W002-03		042-G-W003-02		042-G-W003-03	
		ORIGINAL ID ----->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
		LAB SAMPLE ID --->	L6904-34		L7294-45		L6904-35		L7294-46		L6904-33		L7294-47	
		ID FROM REPORT -->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
		SAMPLE DATE ----->	04/24/96		06/21/96		04/24/96		06/21/96		04/24/96		06/21/96	
		DATE EXTRACTED -->	05/07/96		07/09/96		05/07/96		07/09/96		05/07/96		07/09/96	
		DATE ANALYZED --->	05/09/96		07/11/96		05/09/96		07/11/96		05/09/96		07/11/96	
		MATRIX ---------->	Water		Water		Water		Water		Water		Water	
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter		L6904W	VAL	L7294M	VAL	L6904W	VAL	L7294M	VAL	L6904W	VAL	L7294M	VAL
7429-90-5	Aluminum (Al)		1230.	J	477.		276.	U	77.	J	27200.	J	6760.	
7440-36-0	Antimony (Sb)		4.	U	9.	U	4.	U	9.	U	4.	U	9.	U
7440-38-2	Arsenic (As)		2.1	UJ	3.	U	2.1	UJ	3.	U	11.7	UJ	3.	U
7440-39-3	Barium (Ba)		16.6	U	13.7	J	28.	U	24.4	J	111.	U	41.7	J
7440-41-7	Beryllium (Be)		1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)		5.	U	3.	U	5.	U	3.	U	5.	U	3.	U
7440-70-2	Calcium (Ca)		27400.		34300.		11800.	UJ	10800.		134000.		117000.	
7440-47-3	Chromium (Cr)		6.	U	6.	U	6.	U	6.	U	45.9		9.7	J
7440-48-4	Cobalt (Co)		7.	U	4.	U	20.9	J	14.	J	12.7	J	4.	U
7440-50-8	Copper (Cu)		7.	U	6.	U	7.	U	6.	U	12.2	J	7.1	J
7439-89-6	Iron (Fe)		2570.		2260.		8500.		9070.		32300.		6490.	
7439-92-1	Lead (Pb)		2.1	J	2.	U	2.	U	2.	U	7.6		2.5	J
7439-95-4	Magnesium (Mg)		10900.		9960.		3800.	J	3370.	J	43900.		35200.	
7439-96-5	Manganese (Mn)		306.		313.		690.		656.		692.		549.	
7439-97-6	Mercury (Hg)		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)		13.	U	12.	U	13.	U	12.	U	13.	U	12.	U
7440-09-7	Potassium (K)		5070.		5000.	J	6170.		6730.	J	11800.		10800.	
7782-49-2	Selenium (Se)		3.	UJ	3.	U	3.	UJ	3.	U	3.	UJ	3.	U
7440-22-4	Silver (Ag)		7.	U	6.	U	7.	U	6.	U	7.	U	6.	U
7440-23-5	Sodium (Na)		82400.	U	87000.		109000.	U	103000.		113000.	U	108000.	
7440-28-0	Thallium (Tl)		3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-62-2	Vanadium (V)		7.	U	6.	U	7.	U	6.	U	61.		9.	J
7440-66-6	Zinc (Zn)		15.4	U	5.1	U	30.4	U	25.6		66.3	U	21.4	U
7440-31-5	Tin (Sn)		33.	U	16.7	U	33.	U	15.	U	33.	U	15.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-META										
	SAMPLE ID ------->	505-G-W001-02		505-G-W001-03		505-G-W001-04				
	ORIGINAL ID ----->	505GW00102		505GW00103		505GW00104				
	LAB SAMPLE ID --->	L6904-32		L7335-10		6434-01				
	ID FROM REPORT -->	505GW00102		505GW00103		505GW00104				
	SAMPLE DATE ----->	04/24/96		06/26/96		10/10/96				
	DATE EXTRACTED -->	05/07/96		07/09/96		10/25/96				
	DATE ANALYZED --->	05/09/96		07/15/96		10/30/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L6904W	VAL	L7335	VAL	6434	VAL			
7429-90-5	Aluminum (Al)	1930.	J	272.		132.	UJ			
7440-36-0	Antimony (Sb)	4.	U	9.	U	2.	UR			
7440-38-2	Arsenic (As)	5.2	UJ	9.	J	6.4	J			
7440-39-3	Barium (Ba)	10.1	U	9.5	J	9.6	J			
7440-41-7	Beryllium (Be)	1.	U	1.	U	0.11	UJ			
7440-43-9	Cadmium (Cd)	5.	U	3.	U	0.22	U			
7440-70-2	Calcium (Ca)	106000.		105000.		108000.				
7440-47-3	Chromium (Cr)	6.4	J	6.	U	0.78	UJ			
7440-48-4	Cobalt (Co)	7.	U	4.	U	0.67	UJ			
7440-50-8	Copper (Cu)	7.	U	6.7	J	6.4	UR			
7439-89-6	Iron (Fe)	31200.		32100.		28000.	J			
7439-92-1	Lead (Pb)	2.	U	2.2	J	1.6	J			
7439-95-4	Magnesium (Mg)	5690.		5540.		5040.	J			
7439-96-5	Manganese (Mn)	281.		287.		323.	J			
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.1	UJ			
7440-02-0	Nickel (Ni)	13.	U	12.	U	0.67	UJ			
7440-09-7	Potassium (K)	3140.	J	3950.	J	4600.	J			
7782-49-2	Selenium (Se)	3.	UJ	3.	U	2.1	U			
7440-22-4	Silver (Ag)	7.	U	6.	U	1.	UJ			
7440-23-5	Sodium (Na)	10000.	U	11300.		11000.	U			
7440-28-0	Thallium (Tl)	3.	U	3.	U	3.1	UR			
7440-62-2	Vanadium (V)	7.	U	6.	U	1.5	J			
7440-66-6	Zinc (Zn)	41.6	U	16.8	U	41.6	UR			
7440-31-5	Tin (Sn)	33.	U	16.9	U	54.8	UJ			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	042-G-W001-02		042-G-W001-03		042-G-W002-02		042-G-W002-03		042-G-W003-02		042-G-W003-03	
	ORIGINAL ID ----->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
	LAB SAMPLE ID --->	L6904-11		L7294-15		L6904-14		L7294-18		L6904-8		L7294-21	
	ID FROM REPORT -->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
	SAMPLE DATE ----->	04/24/96		06/21/96		04/24/96		06/21/96		04/24/96		06/21/96	
	DATE ANALYZED --->	04/30/96		06/27/96		05/01/96		06/27/96		04/30/96		06/27/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL
74-87-3	Chloromethane	5.	U	5.	UJ	5.	U	5.	UJ	5.	U	5.	U
74-83-9	Bromomethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	6.6	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	1.4	J	1.6	J	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	UJ	10.	U	10.	UJ	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	1.5	J	1.4	J	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	UJ	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-47-6	o-Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA													
	SAMPLE ID ------->	042-G-W001-02		042-G-W001-03		042-G-W002-02		042-G-W002-03		042-G-W003-02		042-G-W003-03	
	ORIGINAL ID ----->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
	LAB SAMPLE ID --->	L6904-11		L7294-15		L6904-14		L7294-18		L6904-8		L7294-21	
	ID FROM REPORT -->	042GW00102		042GW00103		042GW00202		042GW00203		042GW00302		042GW00303	
	SAMPLE DATE ----->	04/24/96		06/21/96		04/24/96		06/21/96		04/24/96		06/21/96	
	DATE ANALYZED --->	04/30/96		06/27/96		05/01/96		06/27/96		04/30/96		06/27/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL	L6904	VAL	L7294	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	505-G-W001-02		505-G-W001-03					
	ORIGINAL ID ----->	505GW00102		505GW00103					
	LAB SAMPLE ID --->	L6904-5		L7335-4					
	ID FROM REPORT -->	505GW00102		505GW00103					
	SAMPLE DATE ----->	04/24/96		06/26/96					
	DATE ANALYZED --->	05/03/96		06/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L6904	VAL	L7335	VAL				
74-87-3	Chloromethane	5.	U	5.	U				
74-83-9	Bromomethane	5.	U	5.	UJ				
75-01-4	Vinyl chloride	5.	U	5.	U				
75-00-3	Chloroethane	5.	U	5.	UJ				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	5.	U	10.	U				
75-15-0	Carbon disulfide	5.	U	1.6	J				
75-35-4	1,1-Dichloroethene	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
79-01-6	Trichloroethene	5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U				
75-25-2	Bromoform	5.	U	5.	U				
591-78-6	2-Hexanone	10.	U	10.	UJ				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
108-88-3	Toluene	5.	U	5.	U				
108-90-7	Chlorobenzene	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U				
75-69-4	Trichlorofluoromethane	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U				
95-47-6	o-Xylene	5.	U	5.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-VOA

SAMPLE ID -------->	505-G-W001-02	505-G-W001-03
ORIGINAL ID ----->	505GW00102	505GW00103
LAB SAMPLE ID --->	L6904-5	L7335-4
ID FROM REPORT -->	505GW00102	505GW00103
SAMPLE DATE ----->	04/24/96	06/26/96
DATE ANALYZED --->	05/03/96	06/30/96
MATRIX ---------->	Water	Water
UNITS ---------->	UG/L	UG/L

CAS #	Parameter	L6904	VAL	L7335	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U
99900-05-0	m+p Xylene	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR	
1330-20-7	Xylene (Total)	NR		NR	

*** Validatic_ Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-VOC

SAMPLE ID ------->		042-G-W001-11		042-G-W002-11		042-G-W003-11		505-G-W001-11	
ORIGINAL ID ----->		042GW00102		042GW00202		042GW00302		505GW00101	
LAB SAMPLE ID --->		25149.07		25149.08		25149.09		25149.06	
ID FROM REPORT -->		042GW00102		042GW00202		042GW00302		505GW00101	
SAMPLE DATE ----->		04/03/96		04/03/96		04/03/96		04/03/96	
DATE ANALYZED --->		04/09/96		04/09/96		04/09/96		04/09/96	
MATRIX ---------->		Water		Water		Water		Water	
UNITS ---------->		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	25149	VAL	25149	VAL	25149	VAL	25149	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	UR	10.	UR	10.	UR	10.	UR
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U
0061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR	
900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	042-S-P003-LH		042-G-P003-LH				
ORIGINAL ID ----->	042SP003LH		042GP003LH				
LAB SAMPLE ID --->	L7278-12		L7278-1				
ID FROM REPORT -->	042SP003LH		042GP003LH				
SAMPLE DATE ----->	06/19/96		06/19/96				
DATE ANALYZED --->	06/24/96		06/21/96				
MATRIX ---------->	Soil		Water				
UNITS ---------->	UG/KG		UG/L				
CAS # Parameter	L7278	VAL	L7278	VAL			
74-87-3 Chloromethane	5.4	U	5.	U			
75-01-4 Vinyl chloride	5.4	U	5.	U			
74-83-9 Bromomethane	5.4	UJ	5.	UJ			
75-00-3 Chloroethane	5.4	U	5.	UJ			
75-69-4 Trichlorofluoromethane	5.4	UJ	5.	U			
67-64-1 Acetone	11.	U	10.	U			
75-35-4 1,1-Dichloroethene	5.4	U	5.	U			
75-15-0 Carbon disulfide	5.4	U	5.	U			
75-09-2 Methylene chloride	5.4	U	5.	U			
156-60-5 trans-1,2-Dichloroethene	5.4	U	5.	U			
108-05-4 Vinyl acetate	11.	U	10.	U			
75-34-3 1,1-Dichloroethane	5.4	U	5.	U			
78-93-3 2-Butanone (MEK)	11.	U	10.	U			
156-59-2 cis-1,2-Dichloroethene	5.4	U	5.	U			
67-66-3 Chloroform	5.4	U	5.	U			
71-55-6 1,1,1-Trichloroethane	5.4	U	5.	U			
56-23-5 Carbon tetrachloride	5.4	U	5.	U			
107-06-2 1,2-Dichloroethane	5.4	U	5.	U			
71-43-2 Benzene	5.4	U	5.	U			
79-01-6 Trichloroethene	5.4	U	5.	U			
78-87-5 1,2-Dichloropropane	5.4	U	5.	U			
75-27-4 Bromodichloromethane	5.4	U	5.	U			
110-75-8 2-Chloroethyl vinyl ether	22.	U	20.	U			
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U			
10061-01-5 cis-1,3-Dichloropropene	5.4	U	5.	U			
108-88-3 Toluene	5.4	U	2.6	J			
10061-02-6 trans-1,3-Dichloropropene	5.4	U	5.	U			
591-78-6 2-Hexanone	11.	U	10.	U			
79-00-5 1,1,2-Trichloroethane	5.4	U	5.	U			
127-18-4 Tetrachloroethene	5.4	U	5.	U			
124-48-1 Dibromochloromethane	5.4	U	5.	U			
108-90-7 Chlorobenzene	5.4	U	5.	U			
100-41-4 Ethylbenzene	5.4	U	5.	U			
1330-20-7 Xylene (Total)	NR		NR				
95-47-6 o-Xylene	5.4	U	5.	U			
100-42-5 Styrene	5.4	U	5.	U			
75-25-2 Bromoform	5.4	U	5.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA	SAMPLE ID ------->	042-S-P003-LH		042-G-P003-LH					
	ORIGINAL ID ----->	042SP003LH		042GP003LH					
	LAB SAMPLE ID --->	L7278-12		L7278-1					
	ID FROM REPORT -->	042SP003LH		042GP003LH					
	SAMPLE DATE ----->	06/19/96		06/19/96					
	DATE ANALYZED --->	06/24/96		06/21/96					
	MATRIX ---------->	Soil		Water					
	UNITS ---------->	UG/KG		UG/L					
CAS #	Parameter	L7278	VAL	L7278	VAL				
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	5.	U				
541-73-1	1,3-Dichlorobenzene	5.4	U	5.	U				
106-46-7	1,4-Dichlorobenzene	5.4	U	5.	U				
95-50-1	1,2-Dichlorobenzene	5.4	U	5.	U				
99900-05-0	m+p Xylene	5.4	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	NR		NR					

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA									
	SAMPLE ID ------->	042-G-P004-01		042-G-P004-02		042-G-P005-01		042-G-P005-02	
	ORIGINAL ID ----->	042GP00401		042GP00402		042GP00501		042GP00502	
	LAB SAMPLE ID --->	29820.05		29820.06		29820.07		29820.08	
	ID FROM REPORT -->	042GP00401		042GP00402		042GP00501		042GP00502	
	SAMPLE DATE ----->	06/24/97		06/24/97		06/24/97		06/24/97	
	DATE ANALYZED --->	06/26/97		06/26/97		06/26/97		06/26/97	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29820	VAL	29820	VAL	29820	VAL	29820	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	UJ	10.	UJ	10.	UJ	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\042SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	19:38
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\042SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	19:38
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	233526	47.9	50.00	95.88
Toluene-d8	23.07	693161	50.7	50.00	101.42
4-Bromofluorobenzene	32.32	129197	48.9	50.00	97.88

Analytical Mobile Services
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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\042SP00201**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	11:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\042SP00201**	**Analysis Date:**	6/22/96
Sample Matrix:	Soil	**Analysis Time:**	11:33
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropane			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.44	136822	55.1	50.00	110.14
Toluene-d8	22.44	370684	48.6	50.00	97.26
4-Bromofluorobenzene	31.67	103549	44.0	50.00	88.02

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Sample Name:	**NBCA\042SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	9:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\042SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	9:29
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.97	283554	49.5	50.00	98.98
Toluene-d8	23.10	710990	52.9	50.00	105.76
4-Bromofluorobenzene	32.31	162796	45.0	50.00	89.90

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\042GP00109 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	22:15
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\042GP00109 - Duplicate**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	22:15
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.95	331624	53.1	50.00	106.24
Toluene-d8	23.07	759505	46.9	50.00	93.76
4-Bromofluorobenzene	32.31	189763	52.3	50.00	104.66

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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\042GP00109**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	22:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\042GP00109**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	22:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	307835	53.4	50.00	106.80
Toluene-d8	24.16	694062	48.1	50.00	96.20
4-Bromofluorobenzene	33.45	152441	47.1	50.00	94.18

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Sample Name:	**NBCA\042GP00202**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	18:00
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\042GP00202**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	18:00
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.03	338353	52.3	50.00	104.66
Toluene-d8	23.11	757870	52.6	50.00	105.10
4-Bromofluorobenzene	32.31	188526	53.5	50.00	106.92

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Sample Name:	**NBCA\042GP00306**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	5:00
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\042GP00306**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	5:00
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.90	304353	54.5	50.00	109.00
Toluene-d8	24.17	660875	46.3	50.00	92.68
4-Bromofluorobenzene	33.44	145465	45.7	50.00	91.34

Analytical Mobile Services
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Sample Name:	**NBCA\042GW001P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	16:19
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\042GW001P1**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	16:19
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.84	338954	50.2	50.00	100.48
Toluene-d8	24.11	803897	44.7	50.00	89.48
4-Bromofluorobenzene	33.42	202422	47.3	50.00	94.62

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PH

	SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-C-B003-01		043-S-B003-01		043-S-B004-01	
	ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		43SB00301D		043SB00301		043SB00401	
	LAB SAMPLE ID --->	L5563-141		L5563-142		L5563-140		L5563143DUP		L5563-143		L5563-112	
	ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		43SB00301D		043SB00301		043SB00401	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/07/95		10/09/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	PH		PH		PH		PH		PH		PH	
CAS #	Parameter	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL
9999900-09-4	pH	8.2		7.2		8.1		8.21		8.2		7.8	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

H											
	SAMPLE ID ------->	043-S-B004-02		043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02	
	ORIGINAL ID ----->	043SB00402		043SB00501		043SB00502		043SB00601		043SB00602	
	LAB SAMPLE ID --->	L5563-113		L5563-110		L5563-111		L5563-138		L5563-139	
	ID FROM REPORT -->	043SB00402		043SB00501		043SB00502		043SB00601		043SB00602	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/07/95		10/07/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	PH		PH		PH		PH		PH	
CAS #	Parameter	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL
99900-09-4	pH	7.4		8.		7.2		8.		8.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-S-B003-01		043-S-B004-01		043-S-B004-02	
	ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	LAB SAMPLE ID --->	L5563-141		L5563-142		L5563-140		L5563-143		L5563-112		L5563-113	
	ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/18/95		10/18/95		10/18/95		10/18/95		10/17/95		10/17/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	6320.		9420.		7640.		3800.		4060.		10500.	
7440-36-0	Antimony (Sb)	12.1	U	24.1	U	12.1	U	12.	U	12.5	U	16.9	U
7440-38-2	Arsenic (As)	3.1		6.6		3.7		2.7		2.2	J	5.6	
7440-39-3	Barium (Ba)	13.4	J	18.3	J	13.6	J	17.3	J	4.3	J	13.8	J
7440-41-7	Beryllium (Be)	0.24	U	0.47	U	0.24	U	0.24	U	0.25	U	0.33	U
7440-43-9	Cadmium (Cd)	1.2	U	2.4	U	1.2	U	1.2	U	1.2	U	1.7	U
7440-70-2	Calcium (Ca)	17600.	J	16800.	J	3370.	J	36300.	J	13700.	J	36800.	J
7440-47-3	Chromium (Cr)	9.	J	16.1	J	12.2	J	13.	J	7.6	J	27.	J
7440-48-4	Cobalt (Co)	1.4	U	2.8	U	1.4	U	1.4	U	1.8	J	2.	U
7440-50-8	Copper (Cu)	6.3		12.2		5.2	J	10.8		1.8	J	7.1	J
7439-89-6	Iron (Fe)	5580.	J	12200.	J	8190.	J	8900.	J	3570.	J	8190.	J
7439-92-1	Lead (Pb)	16.8		25.		14.		29.6		2.1		15.4	
7439-95-4	Magnesium (Mg)	486.	J	1700.	J	354.	J	894.	J	455.	J	2650.	J
7439-96-5	Manganese (Mn)	23.6	J	41.7	J	15.6	J	63.8	J	15.8	J	40.5	J
7439-97-6	Mercury (Hg)	0.12	UJ	0.24	UJ	0.12	UJ	0.11	UJ	0.12	UJ	0.17	UJ
7440-02-0	Nickel (Ni)	4.1	J	10.	J	3.6	J	8.3	J	3.4	U	11.5	J
7440-09-7	Potassium (K)	243.	J	374.	J	124.	U	205.	J	195.	J	727.	J
7782-49-2	Selenium (Se)	0.71	U	1.4	U	0.73	U	0.71	UJ	0.73	UJ	0.99	UJ
7440-22-4	Silver (Ag)	0.71	U	1.4	U	0.71	U	0.71	U	0.74	U	1.	U
7440-23-5	Sodium (Na)	247.	J	631.	J	257.	J	284.	J	210.	J	491.	J
7440-28-0	Thallium (Tl)	0.94	U	1.9	U	0.97	U	0.95	U	0.97	U	1.3	U
7440-62-2	Vanadium (V)	11.1	J	18.	J	14.9		15.5		8.	J	23.	
7440-66-6	Zinc (Zn)	21.7		24.5		16.7		47.3		7.5		30.3	
7440-31-5	Tin (Sn)	9.4	J	28.1	J	9.4	J	8.7	U	10.4	J	12.3	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

	SAMPLE ID ------->	043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02			
	ORIGINAL ID ----->	043SB00501		043SB00502		043SB00601		043SB00602			
	LAB SAMPLE ID --->	L5563-110		L5563-111		L5563-138		L5563-139			
	ID FROM REPORT -->	043SB00501		043SB00502		043SB00601		043SB00602			
	SAMPLE DATE ----->	10/09/95		10/09/95		10/07/95		10/07/95			
	DATE EXTRACTED -->	10/17/95		10/17/95		10/18/95		10/18/95			
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL		
7429-90-5	Aluminum (Al)	3700.		8740.		7890.		11300.			
7440-36-0	Antimony (Sb)	13.	U	16.3	U	12.	U	12.9	U		
7440-38-2	Arsenic (As)	1.7	J	4.1		3.5		4.1			
7440-39-3	Barium (Ba)	4.3	J	21.4	J	17.	J	12.7	J		
7440-41-7	Beryllium (Be)	0.26	U	0.32	U	0.24	U	0.25	U		
7440-43-9	Cadmium (Cd)	1.3	U	1.6	U	1.2	U	1.3	U		
7440-70-2	Calcium (Ca)	9830.	J	9070.	J	8630.	J	2230.	J		
7440-47-3	Chromium (Cr)	7.	J	14.2	J	12.5	J	13.7	J		
7440-48-4	Cobalt (Co)	2.9	J	1.9	U	1.4	U	1.5	U		
7440-50-8	Copper (Cu)	1.6	J	9.5		10.2		3.	J		
7439-89-6	Iron (Fe)	3540.	J	7600.	J	6440.	J	8680.	J		
7439-92-1	Lead (Pb)	1.8		27.		55.4		7.1			
7439-95-4	Magnesium (Mg)	384.	J	1150.	J	397.	J	393.	J		
7439-96-5	Manganese (Mn)	13.	J	31.3	J	21.4	J	10.5	J		
7439-97-6	Mercury (Hg)	0.12	UJ	0.16	UJ	0.12	UJ	0.12	UJ		
7440-02-0	Nickel (Ni)	4.4	J	7.5	J	5.7	J	4.9	J		
7440-09-7	Potassium (K)	133.	U	523.	J	189.	J	285.	J		
7782-49-2	Selenium (Se)	0.75	U	0.96	U	0.76	J	0.77	U		
7440-22-4	Silver (Ag)	0.77	U	0.96	U	0.71	U	0.76	U		
7440-23-5	Sodium (Na)	266.	J	380.	J	256.	J	265.	J		
7440-28-0	Thallium (Tl)	1.	U	1.3	U	0.96	U	1.	U		
7440-62-2	Vanadium (V)	7.2	J	16.1		12.8		19.6			
7440-66-6	Zinc (Zn)	7.4		32.1		41.9		9.3			
7440-31-5	Tin (Sn)	10.2	J	11.8	U	15.	J	9.3	U		

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-S-B003-01		043-S-B004-01		043-S-B004-02	
	ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	LAB SAMPLE ID --->	L5563-91		L5563-92		L5563-90		L5563-93		L5563-65		L5563-66	
	ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/02/95		11/02/95		11/01/95		11/02/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
108-95-2	Phenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
111-44-4	bis(2-Chloroethyl)ether	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
95-57-8	2-Chlorophenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
541-73-1	1,3-Dichlorobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
106-46-7	1,4-Dichlorobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
100-51-6	Benzyl alcohol	1600.	U	3000.	U	1600.	U	6100.	U	1600.	U	2200.	U
95-50-1	1,2-Dichlorobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
95-48-7	2-Methylphenol (o-Cresol)	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
621-64-7	N-Nitroso-di-n-propylamine	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
67-72-1	Hexachloroethane	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
98-95-3	Nitrobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
78-59-1	Isophorone	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
88-75-5	2-Nitrophenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
105-67-9	2,4-Dimethylphenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
65-85-0	Benzoic acid	4000.	U	7700.	U	4000.	U	16000.	U	4100.	UJ	5500.	UJ
111-91-1	bis(2-Chloroethoxy)methane	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
120-83-2	2,4-Dichlorophenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
120-82-1	1,2,4-Trichlorobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
91-20-3	Naphthalene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
106-47-8	4-Chloroaniline	1600.	U	3000.	U	1600.	U	6100.	U	1600.	U	2200.	U
87-68-3	Hexachlorobutadiene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
59-50-7	4-Chloro-3-methylphenol	1600.	U	3000.	U	1600.	U	6100.	U	1600.	U	2200.	U
91-57-6	2-Methylnaphthalene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
77-47-4	Hexachlorocyclopentadiene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
88-06-2	2,4,6-Trichlorophenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
95-95-4	2,4,5-Trichlorophenol	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
91-58-7	2-Chloronaphthalene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
88-74-4	2-Nitroaniline	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
131-11-3	Dimethyl phthalate	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
208-96-8	Acenaphthylene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
606-20-2	2,6-Dinitrotoluene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
99-09-2	3-Nitroaniline	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
83-32-9	Acenaphthene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
51-28-5	2,4-Dinitrophenol	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
100-02-7	4-Nitrophenol	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA	SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-S-B003-01		043-S-B004-01		043-S-B004-02	
	ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	LAB SAMPLE ID --->	L5563-91		L5563-92		L5563-90		L5563-93		L5563-65		L5563-66	
	ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/02/95		11/02/95		11/01/95		11/02/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
132-64-9	Dibenzofuran	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
121-14-2	2,4-Dinitrotoluene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
84-66-2	Diethylphthalate	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
7005-72-3	4-Chlorophenylphenylether	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
86-73-7	Fluorene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
100-01-6	4-Nitroaniline	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
86-30-6	N-Nitrosodiphenylamine	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
101-55-3	4-Bromophenyl-phenylether	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
118-74-1	Hexachlorobenzene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
87-86-5	Pentachlorophenol	4000.	U	7700.	U	4000.	U	16000.	U	4100.	U	5500.	U
85-01-8	Phenanthrene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
120-12-7	Anthracene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
86-74-8	Carbazole	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
84-74-2	Di-n-butylphthalate	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
206-44-0	Fluoranthene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
129-00-0	Pyrene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
85-68-7	Butylbenzylphthalate	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U	3000.	U	1600.	U	6100.	U	1600.	U	2200.	U
56-55-3	Benzo(a)anthracene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
218-01-9	Chrysene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
117-84-0	Di-n-octyl phthalate	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
205-99-2	Benzo(b)fluoranthene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
207-08-9	Benzo(k)fluoranthene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
50-32-8	Benzo(a)pyrene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
193-39-5	Indeno(1,2,3-cd)pyrene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
53-70-3	Dibenz(a,h)anthracene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
191-24-2	Benzo(g,h,i)perylene	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
106-44-5	4-Methylphenol (p-Cresol)	800.	U	1500.	U	810.	U	3100.	U	820.	U	1100.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02		
ORIGINAL ID ----->	043SB00501		043SB00502		043SB00601		043SB00602		
LAB SAMPLE ID --->	L5563-63		L5563-64		L5563-88		L5563-89		
ID FROM REPORT -->	043SB00501		043SB00502		043SB00601		043SB00602		
SAMPLE DATE ----->	10/09/95		10/09/95		10/07/95		10/07/95		
DATE EXTRACTED -->	10/23/95		10/23/95		10/21/95		10/21/95		
DATE ANALYZED --->	10/30/95		10/30/95		11/01/95		11/01/95		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS # Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	
108-95-2 Phenol	840.	U	1100.	U	810.	U	840.	U	
111-44-4 bis(2-Chloroethyl)ether	840.	U	1100.	U	810.	U	840.	U	
95-57-8 2-Chlorophenol	840.	U	1100.	U	810.	U	840.	U	
541-73-1 1,3-Dichlorobenzene	840.	U	1100.	U	810.	U	840.	U	
106-46-7 1,4-Dichlorobenzene	840.	U	1100.	U	810.	U	840.	U	
100-51-6 Benzyl alcohol	1700.	U	2100.	U	1600.	U	1700.	U	
95-50-1 1,2-Dichlorobenzene	840.	U	1100.	U	810.	U	840.	U	
95-48-7 2-Methylphenol (o-Cresol)	840.	U	1100.	U	810.	U	840.	U	
39638-32-9 Bis(2-Chloroisopropyl)Ether	840.	U	1100.	U	810.	U	840.	U	
621-64-7 N-Nitroso-di-n-propylamine	840.	U	1100.	U	810.	U	840.	U	
67-72-1 Hexachloroethane	840.	U	1100.	U	810.	U	840.	U	
98-95-3 Nitrobenzene	840.	U	1100.	U	810.	U	840.	U	
78-59-1 Isophorone	840.	U	1100.	U	810.	U	840.	U	
88-75-5 2-Nitrophenol	840.	U	1100.	U	810.	U	840.	U	
105-67-9 2,4-Dimethylphenol	840.	U	1100.	U	810.	U	840.	U	
65-85-0 Benzoic acid	4200.	UJ	5400.	UJ	4000.	U	4200.	U	
111-91-1 bis(2-Chloroethoxy)methane	840.	U	1100.	U	810.	U	840.	U	
120-83-2 2,4-Dichlorophenol	840.	U	1100.	U	810.	U	840.	U	
120-82-1 1,2,4-Trichlorobenzene	840.	U	1100.	U	810.	U	840.	U	
91-20-3 Naphthalene	840.	U	1100.	U	810.	U	840.	U	
106-47-8 4-Chloroaniline	1700.	U	2100.	U	1600.	U	1700.	U	
87-68-3 Hexachlorobutadiene	840.	U	1100.	U	810.	U	840.	U	
59-50-7 4-Chloro-3-methylphenol	1700.	U	2100.	U	1600.	U	1700.	U	
91-57-6 2-Methylnaphthalene	840.	U	1100.	U	810.	U	840.	U	
77-47-4 Hexachlorocyclopentadiene	840.	U	1100.	U	810.	U	840.	U	
88-06-2 2,4,6-Trichlorophenol	840.	U	1100.	U	810.	U	840.	U	
95-95-4 2,4,5-Trichlorophenol	840.	U	1100.	U	810.	U	840.	U	
91-58-7 2-Chloronaphthalene	840.	U	1100.	U	810.	U	840.	U	
88-74-4 2-Nitroaniline	4200.	U	5400.	U	4000.	U	4200.	U	
131-11-3 Dimethyl phthalate	840.	U	1100.	U	810.	U	840.	U	
208-96-8 Acenaphthylene	840.	U	1100.	U	810.	U	840.	U	
606-20-2 2,6-Dinitrotoluene	840.	U	1100.	U	810.	U	840.	U	
99-09-2 3-Nitroaniline	4200.	U	5400.	U	4000.	U	4200.	U	
83-32-9 Acenaphthene	840.	U	1100.	U	810.	U	840.	U	
51-28-5 2,4-Dinitrophenol	4200.	U	5400.	U	4000.	U	4200.	U	
100-02-7 4-Nitrophenol	4200.	U	5400.	U	4000.	U	4200.	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA											
	SAMPLE ID ------->	043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02			
	ORIGINAL ID ----->	043SB00501		043SB00502		043SB00601		043SB00602			
	LAB SAMPLE ID --->	L5563-63		L5563-64		L5563-88		L5563-89			
	ID FROM REPORT -->	043SB00501		043SB00502		043SB00601		043SB00602			
	SAMPLE DATE ----->	10/09/95		10/09/95		10/07/95		10/07/95			
	DATE EXTRACTED -->	10/23/95		10/23/95		10/21/95		10/21/95			
	DATE ANALYZED --->	10/30/95		10/30/95		11/01/95		11/01/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL		
132-64-9	Dibenzofuran	840.	U	1100.	U	810.	U	840.	U		
121-14-2	2,4-Dinitrotoluene	840.	U	1100.	U	810.	U	840.	U		
84-66-2	Diethylphthalate	840.	U	1100.	U	810.	U	840.	U		
7005-72-3	4-Chlorophenylphenylether	840.	U	1100.	U	810.	U	840.	U		
86-73-7	Fluorene	840.	U	1100.	U	810.	U	840.	U		
100-01-6	4-Nitroaniline	4200.	U	5400.	U	4000.	U	4200.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	4200.	U	5400.	U	4000.	U	4200.	U		
86-30-6	N-Nitrosodiphenylamine	840.	U	1100.	U	810.	U	840.	U		
101-55-3	4-Bromophenyl-phenylether	840.	U	1100.	U	810.	U	840.	U		
118-74-1	Hexachlorobenzene	840.	U	1100.	U	810.	U	840.	U		
87-86-5	Pentachlorophenol	4200.	U	5400.	U	4000.	U	4200.	U		
85-01-8	Phenanthrene	840.	U	1100.	U	810.	U	840.	U		
120-12-7	Anthracene	840.	U	1100.	U	810.	U	840.	U		
86-74-8	Carbazole	840.	U	1100.	U	810.	U	840.	U		
84-74-2	Di-n-butylphthalate	840.	U	1100.	U	810.	U	840.	U		
206-44-0	Fluoranthene	840.	U	1100.	U	810.	U	840.	U		
129-00-0	Pyrene	840.	U	1100.	U	810.	U	840.	U		
85-68-7	Butylbenzylphthalate	840.	U	1100.	U	810.	U	840.	U		
91-94-1	3,3'-Dichlorobenzidine	1700.	U	2100.	U	1600.	U	1700.	U		
56-55-3	Benzo(a)anthracene	840.	U	1100.	U	810.	U	840.	U		
218-01-9	Chrysene	840.	U	1100.	U	810.	U	840.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	840.	U	1100.	U	810.	U	840.	U		
117-84-0	Di-n-octyl phthalate	840.	U	1100.	U	810.	U	840.	U		
205-99-2	Benzo(b)fluoranthene	840.	U	1100.	U	810.	U	840.	U		
207-08-9	Benzo(k)fluoranthene	840.	U	1100.	U	810.	U	840.	U		
50-32-8	Benzo(a)pyrene	840.	U	1100.	U	810.	U	840.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	840.	U	1100.	U	810.	U	840.	U		
53-70-3	Dibenz(a,h)anthracene	840.	U	1100.	U	810.	U	840.	U		
191-24-2	Benzo(g,h,i)perylene	840.	U	1100.	U	810.	U	840.	U		
106-44-5	4-Methylphenol (p-Cresol)	840.	U	1100.	U	810.	U	840.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA															
		SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-S-B003-01		043-S-B004-01		043-S-B004-02	
		ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
		LAB SAMPLE ID --->	L5563-41		L5563-42		L5563-40		L5563-43		L5563-16		L5563-17	
		ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
		SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/09/95		10/09/95	
		DATE ANALYZED --->	10/20/95		10/21/95		10/20/95		10/22/95		10/20/95		10/20/95	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-01-4	Vinyl chloride		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
74-83-9	Bromomethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-00-3	Chloroethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	UR
75-69-4	Trichlorofluoromethane		6.	U	25.	J	6.2	U	5.9	UJ	6.	U	8.1	UJ
67-64-1	Acetone		12.	U	1600.	D	9.	J	12.	UJ	63.		50.	
75-35-4	1,1-Dichloroethene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-15-0	Carbon disulfide		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-09-2	Methylene chloride		6.	U	100.	J	6.2	U	6.2	UJ	6.	U	8.1	U
156-60-5	trans-1,2-Dichloroethene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
108-05-4	Vinyl acetate		12.	U	24.	UJ	12.	U	12.	UJ	12.	U	16.	U
75-34-3	1,1-Dichloroethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
78-93-3	2-Butanone (MEK)		12.	U	190.	J	12.	U	12.	UJ	12.	U	8.8	J
156-59-2	cis-1,2-Dichloroethene		6.	U	2.6	J	6.2	U	5.9	UJ	6.	U	8.1	U
67-66-3	Chloroform		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
71-55-6	1,1,1-Trichloroethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
56-23-5	Carbon tetrachloride		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
107-06-2	1,2-Dichloroethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
71-43-2	Benzene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
79-01-6	Trichloroethene		6.	U	14.	J	6.2	U	5.9	UJ	6.	U	8.1	U
78-87-5	1,2-Dichloropropane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-27-4	Bromodichloromethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
110-75-8	2-Chloroethyl vinyl ether		24.	U	47.	UJ	25.	U	24.	UJ	24.	U	33.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		12.	U	6.8	J	12.	U	12.	UJ	12.	U	16.	U
10061-01-5	cis-1,3-Dichloropropene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
108-88-3	Toluene		6.	U	3.3	J	6.2	U	5.9	UJ	6.	U	2.3	J
10061-02-6	trans-1,3-Dichloropropene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
591-78-6	2-Hexanone		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
79-00-5	1,1,2-Trichloroethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
127-18-4	Tetrachloroethene		6.	U	11.	J	6.2	U	5.9	UJ	6.	U	8.1	U
124-48-1	Dibromochloromethane		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
108-90-7	Chlorobenzene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
100-41-4	Ethylbenzene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
1330-20-7	Xylene (Total)		NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
100-42-5	Styrene		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
75-25-2	Bromoform		6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA													
	SAMPLE ID ------->	043-S-B001-01		043-S-B001-02		043-S-B002-01		043-S-B003-01		043-S-B004-01		043-S-B004-02	
	ORIGINAL ID ----->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	LAB SAMPLE ID --->	L5563-41		L5563-42		L5563-40		L5563-43		L5563-16		L5563-17	
	ID FROM REPORT -->	043SB00101		043SB00102		043SB00201		043SB00301		043SB00401		043SB00402	
	SAMPLE DATE ----->	10/07/95		10/07/95		10/07/95		10/07/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/20/95		10/21/95		10/20/95		10/22/95		10/20/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
541-73-1	1,3-Dichlorobenzene	6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
106-46-7	1,4-Dichlorobenzene	6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
95-50-1	1,2-Dichlorobenzene	6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
999900-05-0	m+p Xylene	6.	U	12.	UJ	6.2	U	5.9	UJ	6.	U	8.1	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02	
	ORIGINAL ID ----->	043SB00501		043SB00502		043SB00601		043SB00602	
	LAB SAMPLE ID --->	L5563-14		L5563-15		L5563-38		L5563-39	
	ID FROM REPORT -->	043SB00501		043SB00502		043SB00601		043SB00602	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/07/95		10/07/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/21/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	6.3	U	8.2	U	6.1	U	6.5	U
75-01-4	Vinyl chloride	6.3	U	8.2	U	6.1	U	6.5	U
74-83-9	Bromomethane	6.3	U	8.2	U	6.1	U	3.4	J
75-00-3	Chloroethane	6.3	U	8.2	U	6.1	U	6.5	U
75-69-4	Trichlorofluoromethane	6.3	U	8.2	U	6.1	U	6.5	U
67-64-1	Acetone	30.		290.	D	12.	U	61.	U
75-35-4	1,1-Dichloroethene	6.3	U	8.2	U	6.1	U	6.5	U
75-15-0	Carbon disulfide	6.3	U	5.9	J	6.1	U	6.5	U
75-09-2	Methylene chloride	6.3	U	8.2	U	15.		6.5	U
156-60-5	trans-1,2-Dichloroethene	6.3	U	6.3	J	6.1	U	6.5	U
108-05-4	Vinyl acetate	13.	U	16.	U	12.	U	13.	U
75-34-3	1,1-Dichloroethane	6.3	U	8.2	U	6.1	U	6.5	U
78-93-3	2-Butanone (MEK)	13.	U	11.	J	12.	U	6.5	U
156-59-2	cis-1,2-Dichloroethene	6.3	U	79.		6.1	U	6.5	U
67-66-3	Chloroform	6.3	U	8.2	U	6.1	U	6.5	U
71-55-6	1,1,1-Trichloroethane	6.3	U	8.2	U	6.1	U	6.5	U
56-23-5	Carbon tetrachloride	6.3	U	8.2	U	6.1	U	6.5	U
107-06-2	1,2-Dichloroethane	6.3	U	8.2	U	6.1	U	6.5	U
71-43-2	Benzene	6.3	U	8.2	U	6.1	U	6.5	U
79-01-6	Trichloroethene	6.3	U	2.9	J	6.1	U	6.5	U
78-87-5	1,2-Dichloropropane	6.3	U	8.2	U	6.1	U	6.5	U
75-27-4	Bromodichloromethane	6.3	U	8.2	U	6.1	U	6.5	U
110-75-8	2-Chloroethyl vinyl ether	25.	U	33.	U	24.	U	26.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	16.	U	12.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U	8.2	U	6.1	U	6.5	U
108-88-3	Toluene	6.3	U	8.2	U	6.1	U	6.5	U
10061-02-6	trans-1,3-Dichloropropene	6.3	U	8.2	U	6.1	U	6.5	U
591-78-6	2-Hexanone	6.3	U	8.2	U	6.1	U	6.5	U
79-00-5	1,1,2-Trichloroethane	6.3	U	8.2	U	6.1	U	6.5	U
127-18-4	Tetrachloroethene	6.3	U	8.2	UJ	1.7	J	6.5	U
124-48-1	Dibromochloromethane	6.3	U	8.2	UJ	6.1	U	6.5	U
108-90-7	Chlorobenzene	6.3	U	8.2	UJ	6.1	U	6.5	U
100-41-4	Ethylbenzene	6.3	U	8.2	UJ	6.1	U	6.5	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR	
95-47-6	o-Xylene	6.3	U	8.2	UJ	6.1	U	6.5	U
100-42-5	Styrene	6.3	U	8.2	UJ	6.1	U	6.5	U
75-25-2	Bromoform	6.3	U	8.2	UJ	6.1	UJ	6.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA											
	SAMPLE ID ------->	043-S-B005-01		043-S-B005-02		043-S-B006-01		043-S-B006-02			
	ORIGINAL ID ----->	043SB00501		043SB00502		043SB00601		043SB00602			
	LAB SAMPLE ID --->	L5563-14		L5563-15		L5563-38		L5563-39			
	ID FROM REPORT -->	043SB00501		043SB00502		043SB00601		043SB00602			
	SAMPLE DATE ----->	10/09/95		10/09/95		10/07/95		10/07/95			
	DATE ANALYZED --->	10/20/95		10/20/95		10/21/95		10/20/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL		
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	8.2	UJ	6.1	UJ	6.5	U		
541-73-1	1,3-Dichlorobenzene	6.3	U	8.2	UJ	6.1	UJ	6.5	U		
106-46-7	1,4-Dichlorobenzene	6.3	U	8.2	UJ	6.1	UJ	6.5	U		
95-50-1	1,2-Dichlorobenzene	6.3	U	8.2	UJ	6.1	UJ	6.5	U		
99900-05-0	m+p Xylene	6.3	U	8.2	UJ	6.1	U	6.5	U		
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE									
		SAMPLE ID ------->	043-G-W001-01		043-G-W001-A2				
		ORIGINAL ID ----->	043GW00101		043GW001A2				
		LAB SAMPLE ID --->	28435.02		7446-01				
		ID FROM REPORT -->	043GW00101		043GW001A2				
		SAMPLE DATE ----->	02/07/97		03/21/97				
		DATE EXTRACTED -->	02/11/97		03/28/97				
		DATE ANALYZED --->	02/12/97		03/28/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		28417	VAL	7438	VAL			
57-12-5	Cyanide (CN)		2.	U	2.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

'EST

SAMPLE ID ------->	043-G-W001-01
ORIGINAL ID ----->	043GW00101
LAB SAMPLE ID --->	28435.02
ID FROM REPORT -->	043GW00101
SAMPLE DATE ----->	02/07/97
DATE EXTRACTED -->	02/10/97
DATE ANALYZED --->	02/12/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	28417	VAL
319-84-6	alpha-BHC	0.04	U
319-84-6	alpha-BHC	NR	
319-85-7	beta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U
319-86-8	delta-BHC	0.04	U
76-44-8	Heptachlor	0.04	U
309-00-2	Aldrin	0.04	U
1024-57-3	Heptachlor epoxide	0.04	U
5103-74-2	gamma-Chlordane	0.04	U
959-98-8	Endosulfan I	0.04	U
5103-71-9	alpha-Chlordane	0.04	U
72-55-9	4,4'-DDE	0.08	U
50-29-3	4,4'-DDT	0.08	U
60-57-1	Dieldrin	0.08	UJ
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
72-43-5	Methoxychlor	0.38	U
8001-35-2	Toxaphene	2.5	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	1.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	2.	U
11096-82-5	Aroclor-1260	2.	U
319-85-7	beta-BHC	NR	
58-89-9	gamma-BHC (Lindane)	NR	
319-86-8	delta-BHC	NR	
76-44-8	Heptachlor	NR	
1024-57-3	Heptachlor epoxide	NR	
959-98-8	Endosulfan I	NR	
5103-71-9	alpha-Chlordane	NR	
50-29-3	4,4'-DDT	NR	

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PEST

SAMPLE ID ------->	043-G-W001-01
ORIGINAL ID ----->	043GW00101
LAB SAMPLE ID --->	28435.02
ID FROM REPORT -->	043GW00101
SAMPLE DATE ----->	02/07/97
DATE EXTRACTED -->	02/10/97
DATE ANALYZED --->	02/12/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	28417	VAL
60-57-1	Dieldrin	NR	
72-20-8	Endrin	NR	
72-54-8	4,4'-DDD	NR	
1031-07-8	Endosulfan sulfate	NR	
12674-11-2	Aroclor-1016	NR	
11104-28-2	Aroclor-1221	NR	
53469-21-9	Aroclor-1242	NR	
53494-70-5	Endrin ketone	0.08	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

WOA										
	SAMPLE ID ------->	043-G-W001-01		043-G-W001-05		043-G-W001-06				
	ORIGINAL ID ----->	043GW00101		043GW00105		043GW00106				
	LAB SAMPLE ID --->	28435.02		30146.01		31345.23				
	ID FROM REPORT -->	043GW00101		043GW00105		043GW00106				
	SAMPLE DATE ----->	02/07/97		07/16/97		10/05/97				
	DATE EXTRACTED -->	02/10/97		07/18/97		10/08/97				
	DATE ANALYZED --->	02/13/97		07/23/97		10/15/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	28417	VAL	30090	VAL	31345	VAL			
108-95-2	Phenol	10.	U	10.	U	10.	U			
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U			
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U			
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U			
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U			
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U			
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U			
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U			
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U			
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U			
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U			
78-59-1	Isophorone	10.	U	10.	U	10.	U			
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U			
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U			
65-85-0	Benzoic acid	50.	U	50.	U	50.	U			
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U			
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U			
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U			
91-20-3	Naphthalene	10.	U	10.	U	10.	U			
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U			
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U			
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U			
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U			
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U			
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U			
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U			
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U			
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U			
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U			
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U			
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U			
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U			
83-32-9	Acenaphthene	10.	U	10.	U	10.	U			
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SVOA											
	SAMPLE ID ------->	043-G-W001-01		043-G-W001-05		043-G-W001-06					
	ORIGINAL ID ----->	043GW00101		043GW00105		043GW00106					
	LAB SAMPLE ID --->	28435.02		30146.01		31345.23					
	ID FROM REPORT -->	043GW00101		043GW00105		043GW00106					
	SAMPLE DATE ----->	02/07/97		07/16/97		10/05/97					
	DATE EXTRACTED -->	02/10/97		07/18/97		10/08/97					
	DATE ANALYZED --->	02/13/97		07/23/97		10/15/97					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	28417	VAL	30090	VAL	31345	VAL				
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U				
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U				
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U				
86-73-7	Fluorene	10.	U	10.	U	6.	J				
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U				
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U				
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U				
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U				
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U				
85-01-8	Phenanthrene	10.	U	10.	U	10.	U				
120-12-7	Anthracene	10.	U	10.	U	10.	U				
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U				
206-44-0	Fluoranthene	10.	U	10.	U	10.	U				
129-00-0	Pyrene	10.	U	10.	U	10.	U				
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U				
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U				
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U				
218-01-9	Chrysene	10.	U	10.	U	10.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	140.	U	10.	U	10.	U				
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U				
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U				
207-08-9	Benzo(k)fluoranthene	10.	U	10.	UJ	10.	U				
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U				
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U				
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W-VOA

SAMPLE ID ------->	043-G-W001-A2
ORIGINAL ID ----->	043GW001A2
LAB SAMPLE ID --->	7446-01
ID FROM REPORT -->	043GW001A2
SAMPLE DATE ----->	03/21/97
DATE ANALYZED --->	04/02/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	7438	VAL
74-87-3	Chloromethane	5.	U
74-83-9	Bromomethane	5.	U
75-01-4	Vinyl chloride	5.	U
75-00-3	Chloroethane	5.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
127-18-4	Tetrachloroethene	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U
1330-20-7	Xylene (Total)	5.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META										
	SAMPLE ID ------->	043-G-W001-01		043-G-W001-06		043-G-W001-A2				
	ORIGINAL ID ----->	043GW00101		043GW00106		043GW001A2				
	LAB SAMPLE ID --->	28435.02		31345.23		7446-01				
	ID FROM REPORT -->	043GW00101		043GW00106		043GW001A2				
	SAMPLE DATE ----->	02/07/97		10/05/97		03/21/97				
	DATE EXTRACTED -->	02/20/97		10/20/97		03/26/97				
	DATE ANALYZED --->	02/21/97		10/24/97		03/27/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	28417	VAL	31345	VAL	7438	VAL			
7429-90-5	Aluminum (Al)	1380.		760.		162.	U			
7440-36-0	Antimony (Sb)	2.1	U	1.6	U	1.6	U			
7440-38-2	Arsenic (As)	18.3		25.2	J	21.2				
7440-39-3	Barium (Ba)	64.7		73.		62.5	J			
7440-41-7	Beryllium (Be)	0.3	U	0.2	U	0.34	U			
7440-43-9	Cadmium (Cd)	0.5	U	0.66	J	1.	U			
7440-70-2	Calcium (Ca)	112000.		110000.		107000.				
7440-47-3	Chromium (Cr)	1.2	J	1.	U	9.	UJ			
7440-48-4	Cobalt (Co)	0.9	U	0.8	U	1.3	U			
7440-50-8	Copper (Cu)	0.9	U	10.	J	3.9	J			
7439-89-6	Iron (Fe)	21600.		18200.		18200.				
7439-92-1	Lead (Pb)	1.7	U	0.9	U	0.89	U			
7439-95-4	Magnesium (Mg)	35800.		24400.		28200.				
7439-96-5	Manganese (Mn)	80.		60.		66.1				
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.08	U			
7440-02-0	Nickel (Ni)	0.8	U	1.	J	1.2	U			
7440-09-7	Potassium (K)	15800.		13600.		18800.	J			
7782-49-2	Selenium (Se)	3.1	J	3.4	U	3.2	J			
7440-22-4	Silver (Ag)	1.2	U	1.	U	1.6	U			
7440-23-5	Sodium (Na)	54400.		41400.		48600.				
7440-28-0	Thallium (Tl)	4.8	U	5.	U	6.	U			
7440-62-2	Vanadium (V)	2.8	J	1.5	J	1.4	J			
7440-66-6	Zinc (Zn)	9.5	U	14.6	U	13.	UJ			
7440-31-5	Tin (Sn)	2.6	U	14.	U	53.7	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

#846-PEST

SAMPLE ID ------->	043-G-W001-A2
ORIGINAL ID ----->	043GW001A2
LAB SAMPLE ID --->	7446-01
ID FROM REPORT -->	043GW001A2
SAMPLE DATE ----->	03/21/97
DATE EXTRACTED -->	03/25/97
DATE ANALYZED --->	03/28/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	7438	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
319-86-8	delta-BHC	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
959-98-8	Endosulfan I	0.05	U
5103-71-9	alpha-Chlordane	0.05	U
72-55-9	4,4'-DDE	0.1	U
50-29-3	4,4'-DDT	0.1	U
60-57-1	Dieldrin	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
72-43-5	Methoxychlor	0.5	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U
57-74-9	Chlordane	1.	U
53494-70-5	Endrin ketone	0.1	U

*** Validatic... Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	043-G-W001-A2
ORIGINAL ID ----->	043GW001A2
LAB SAMPLE ID --->	7446-01
ID FROM REPORT -->	043GW001A2
SAMPLE DATE ----->	03/21/97
DATE EXTRACTED -->	03/25/97
DATE ANALYZED --->	04/02/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	7438	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
65-85-0	Benzoic acid	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	10.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

SAMPLE ID ------->	043-G-W001-A2
ORIGINAL ID ----->	043GW001A2
LAB SAMPLE ID --->	7446-01
ID FROM REPORT -->	043GW001A2
SAMPLE DATE ----->	03/21/97
DATE EXTRACTED -->	03/25/97
DATE ANALYZED --->	04/02/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	7438	VAL
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U
110-86-1	Pyridine	10.	U
103-33-3	Azobenzene	10.	U
62-53-3	Aniline	10.	U
62-75-9	N-Nitrosodimethylamine	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA

	SAMPLE ID ------->	043-G-W001-01		043-G-W001-05		043-G-W001-06				
	ORIGINAL ID ----->	043GW00101		043GW00105		043GW00106				
	LAB SAMPLE ID --->	28435.02		30146.01		31345.23				
	ID FROM REPORT -->	043GW00101		043GW00105		043GW00106				
	SAMPLE DATE ----->	02/07/97		07/16/97		10/05/97				
	DATE ANALYZED --->	02/11/97		07/18/97		10/11/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	28417	VAL	30090	VAL	31345	VAL			
74-87-3	Chloromethane	10.	U	10.	U	10.	U			
74-83-9	Bromomethane	10.	U	10.	U	10.	UJ			
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U			
75-00-3	Chloroethane	10.	U	10.	U	10.	UJ			
75-09-2	Methylene chloride	5.	U	5.	U	5.	U			
67-64-1	Acetone	10.	U	10.	U	10.	UJ			
75-15-0	Carbon disulfide	5.	UJ	5.	U	5.	U			
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U			
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U			
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U			
67-66-3	Chloroform	5.	U	5.	U	5.	U			
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	UJ			
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U			
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U			
108-05-4	Vinyl acetate	10.	U	10.	U	10.	UJ			
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U			
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U			
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U			
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U			
79-01-6	Trichloroethene	5.	U	5.	U	5.	U			
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U			
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U			
71-43-2	Benzene	5.	U	5.	U	5.	U			
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U			
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U			
75-25-2	Bromoform	5.	U	5.	U	5.	U			
591-78-6	2-Hexanone	10.	U	10.	U	10.	UJ			
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U			
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U			
108-88-3	Toluene	5.	U	5.	U	5.	U			
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U			
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U			
100-42-5	Styrene	5.	U	5.	U	5.	U			
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	043-S-P002-LH		043-G-P002-LH				
ORIGINAL ID ----->	043SP002LH		043GP002LH				
LAB SAMPLE ID --->	L7278-14		L7278-4				
ID FROM REPORT -->	043SP002LH		043GP002LH				
SAMPLE DATE ----->	06/19/96		06/19/96				
DATE ANALYZED --->	06/24/96		06/21/96				
MATRIX ---------->	Soil		Water				
UNITS ---------->	UG/KG		UG/L				
CAS # Parameter	L7278	VAL	L7278	VAL			
74-87-3 Chloromethane	5.6	U	5.	U			
75-01-4 Vinyl chloride	5.6	U	5.	U			
74-83-9 Bromomethane	5.6	UJ	5.	UJ			
75-00-3 Chloroethane	5.6	U	5.	UJ			
75-69-4 Trichlorofluoromethane	5.6	UJ	5.	U			
67-64-1 Acetone	12.		8.2	J			
75-35-4 1,1-Dichloroethene	5.6	U	5.	U			
75-15-0 Carbon disulfide	5.6	U	5.	U			
75-09-2 Methylene chloride	5.6	U	5.	U			
156-60-5 trans-1,2-Dichloroethene	5.6	U	5.	U			
108-05-4 Vinyl acetate	11.	U	10.	U			
75-34-3 1,1-Dichloroethane	5.6	U	5.	U			
78-93-3 2-Butanone (MEK)	11.	U	10.	U			
156-59-2 cis-1,2-Dichloroethene	5.6	U	5.	U			
67-66-3 Chloroform	5.6	U	5.	U			
71-55-6 1,1,1-Trichloroethane	5.6	U	5.	U			
56-23-5 Carbon tetrachloride	5.6	U	5.	U			
107-06-2 1,2-Dichloroethane	5.6	U	5.	U			
71-43-2 Benzene	5.6	U	5.	U			
79-01-6 Trichloroethene	5.6	U	5.	U			
78-87-5 1,2-Dichloropropane	5.6	U	5.	U			
75-27-4 Bromodichloromethane	5.6	U	5.	U			
110-75-8 2-Chloroethyl vinyl ether	22.	U	20.	U			
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	U	10.	U			
10061-01-5 cis-1,3-Dichloropropene	5.6	U	5.	U			
108-88-3 Toluene	5.6	U	4.	J			
10061-02-6 trans-1,3-Dichloropropene	5.6	U	5.	U			
591-78-6 2-Hexanone	11.	U	10.	U			
79-00-5 1,1,2-Trichloroethane	5.6	U	5.	U			
127-18-4 Tetrachloroethene	5.6	U	5.	U			
124-48-1 Dibromochloromethane	5.6	U	5.	U			
108-90-7 Chlorobenzene	5.6	U	5.	U			
100-41-4 Ethylbenzene	5.6	U	5.	U			
1330-20-7 Xylene (Total)	NR		NR				
95-47-6 o-Xylene	5.6	U	5.	U			
100-42-5 Styrene	5.6	U	5.	U			
75-25-2 Bromoform	5.6	U	5.	U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA									
	SAMPLE ID ------->	043-S-P002-LH		043-G-P002-LH					
	ORIGINAL ID ----->	043SP002LH		043GP002LH					
	LAB SAMPLE ID --->	L7278-14		L7278-4					
	ID FROM REPORT -->	043SP002LH		043GP002LH					
	SAMPLE DATE ----->	06/19/96		06/19/96					
	DATE ANALYZED --->	06/24/96		06/21/96					
	MATRIX ---------->	Soil		Water					
	UNITS ---------->	UG/KG		UG/L					
CAS #	Parameter	L7278	VAL	L7278	VAL				
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	5.	U				
541-73-1	1,3-Dichlorobenzene	5.6	U	5.	U				
106-46-7	1,4-Dichlorobenzene	5.6	U	5.	U				
95-50-1	1,2-Dichlorobenzene	5.6	U	5.	U				
999900-05-0	m+p Xylene	5.6	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	NR		NR					

*** Validation Complete ***

Analytical Mobile Services
18 Timber Marsh Lane
Hilton Head Island, SC 29926
Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\043SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	20:40
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\043SP00101**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	20:40
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.98	215408	47.6	50.00	95.28
Toluene-d8	23.08	713225	45.5	50.00	90.90
4-Bromofluorobenzene	32.32	132245	51.2	50.00	102.34

Analytical Mobile Services
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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\043SP00201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	21:37
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\043SP00201**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	21:37
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.94	280118	46.4	50.00	92.76
Toluene-d8	23.05	725106	56.9	50.00	113.82
4-Bromofluorobenzene	32.31	171319	46.9	50.00	93.88

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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\043SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	11:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/kg
Chloromethane			**Not Detected**	5 ug/kg
Vinyl chloride			**Not Detected**	5 ug/kg
Bromomethane			**Not Detected**	5 ug/kg
Chloroethane			**Not Detected**	5 ug/kg
Trichlorofluoromethane			**Not Detected**	5 ug/kg
1,1-Dichloroethene			**Not Detected**	2 ug/kg
Methylene chloride			**Not Detected**	2 ug/kg
trans-1,2-Dichloroethene			**Not Detected**	2 ug/kg
1,1-Dichloroethane			**Not Detected**	2 ug/kg
2,2-Dichloropropane			**Not Detected**	2 ug/kg
cis-1,2-Dichloroethene			**Not Detected**	2 ug/kg
Bromochloromethane			**Not Detected**	2 ug/kg
Chloroform			**Not Detected**	2 ug/kg
1,1,1-Trichloroethane			**Not Detected**	2 ug/kg
Carbon tetrachloride			**Not Detected**	2 ug/kg
1,1-Dichloropropene			**Not Detected**	2 ug/kg
Benzene			**Not Detected**	2 ug/kg
1,2-Dichloroethane			**Not Detected**	2 ug/kg
Trichloroethene			**Not Detected**	2 ug/kg
1,2-Dichloropropane			**Not Detected**	2 ug/kg
Dibromomethane			**Not Detected**	2 ug/kg
Bromodichloromethane			**Not Detected**	2 ug/kg
cis-1,3-Dichloropropene			**Not Detected**	2 ug/kg
Toluene			**Not Detected**	2 ug/kg
trans-1,3-Dichloropropene			**Not Detected**	2 ug/kg
1,1,2-Trichloroethane			**Not Detected**	2 ug/kg
Tetrachloroethene			**Not Detected**	2 ug/kg
1,3-Dichloropropane			**Not Detected**	2 ug/kg
Dibromochloromethane			**Not Detected**	2 ug/kg
1,2-Dibromoethane			**Not Detected**	2 ug/kg
Chlorobenzene			**Not Detected**	2 ug/kg
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/kg
Ethylbenzene			**Not Detected**	2 ug/kg

Sample Name:	**NBCA\043SP00301**	**Analysis Date:**	6/21/96
Sample Matrix:	Soil	**Analysis Time:**	11:39
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 g
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/kg
o-Xylene			**Not Detected**	2 ug/kg
Styrene			**Not Detected**	2 ug/kg
Bromoform			**Not Detected**	2 ug/kg
Isopropylbenzene			**Not Detected**	2 ug/kg
Bromobenzene			**Not Detected**	2 ug/kg
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/kg
1,2,3-Trichloropropane			**Not Detected**	2 ug/kg
n-Propylbenzene			**Not Detected**	2 ug/kg
2-Chlorotoluene			**Not Detected**	2 ug/kg
4-Chlorotoluene			**Not Detected**	2 ug/kg
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/kg
tert-Butylbenzene			**Not Detected**	2 ug/kg
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/kg
sec-Butylbenzene			**Not Detected**	2 ug/kg
1,3-Dichlorobenzene			**Not Detected**	2 ug/kg
4-Isopropyltoluene			**Not Detected**	2 ug/kg
1,4-Dichlorobenzene			**Not Detected**	2 ug/kg
1,2-Dichlorobenzene			**Not Detected**	2 ug/kg
n-Butylbenzene			**Not Detected**	2 ug/kg
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/kg
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/kg
Hexachlorobutadiene			**Not Detected**	2 ug/kg
Naphthalene			**Not Detected**	2 ug/kg
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/kg

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	15.95	225856	47.4	50.00	94.74
Toluene-d8	23.12	764642	52.0	50.00	104.06
4-Bromofluorobenzene	32.34	171136	52.6	50.00	105.14

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Telephone: (803) 342-2177
North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\043SP00101**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	2:21
Client Name:	**Ensafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5 gr
Analyst:	SJL	**Method:**	5030/8260

Matrix Spike/Duplicate Report

Compound	Spike Conc	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD
1,1-Dichloroethene	25	18.3	18.1	73.2	72.4	1.1
Benzene	25	22.7	19.4	90.8	77.6	14.5
Trichloroethene	25	26.6	22.4	106.4	89.6	15.8
Toluene	25	16.5	17.5	66.0	70.0	-6.1
Chlorobenzene	25	21.2	20.1	84.8	80.4	5.2

Analytical Mobile Services
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Sample Name:	**NBCA\043SP00701**	**Analysis Date:**	6/26/96
Sample Matrix:	Soil	**Analysis Time:**	0:29
Client Name:	**Ensafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5 gr
Analyst:	SJL	**Method:**	5030/8260

Matrix Spike/Duplicate Report

Compound	Spike Conc	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD
1,1-Dichloroethene	25	17.9	18.4	71.6	73.6	-2.8
Benzene	25	23.2	23.8	92.8	95.2	-2.6
Trichloroethene	25	18.5	18.9	74.0	75.6	-2.2
Toluene	25	29.6	29.1	118.4	116.4	1.7
Chlorobenzene	25	20.6	21.0	82.4	84.0	-1.9

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North Carolina Lab Cert. No. 538

Sample Name:	**NBCA\043SP00801**	**Analysis Date:**	6/25/96
Sample Matrix:	Soil	**Analysis Time:**	22:36
Client Name:	**Ensafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5 gr
Analyst:	SJL	**Method:**	5030/8260

Matrix Spike/Duplicate Report

Compound	Spike Conc	Spike Res	Dup Res	Spike % Rec	Dup % Rec	RPD
1,1-Dichloroethene	25	21.9	19.8	87.6	79.2	9.6
Benzene	25	23.6	23.9	94.4	95.6	-1.3
Trichloroethene	25	25.7	22.8	102.8	91.2	11.3
Toluene	25	28.9	27.7	115.6	110.8	4.2
Chlorobenzene	25	24.2	24.1	96.8	96.4	0.4

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Sample Name:	**NBCA\043GP00104**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	7:47
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\043GP00104**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	7:47
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.89	405600	47.6	50.00	95.24
Toluene-d8	24.14	1120424	45.6	50.00	91.24
4-Bromofluorobenzene	33.43	197730	51.8	50.00	103.50

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Sample Name:	**NBCA\043GP00206**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	21:31
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\043GP00206**	**Analysis Date:**	6/19/96
Sample Matrix:	Water	**Analysis Time:**	21:31
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.87	237901	53.7	50.00	107.40
Toluene-d8	24.14	581483	43.5	50.00	87.06
4-Bromofluorobenzene	33.45	136599	49.1	50.00	98.10

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Sample Name:	**NBCA\043GP00306**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	3:58
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
Dichlorodifluoromethane			**Not Detected**	5 ug/L
Chloromethane			**Not Detected**	5 ug/L
Vinyl chloride			**Not Detected**	5 ug/L
Bromomethane			**Not Detected**	5 ug/L
Chloroethane			**Not Detected**	5 ug/L
Trichlorofluoromethane			**Not Detected**	5 ug/L
1,1-Dichloroethene			**Not Detected**	2 ug/L
Methylene chloride			**Not Detected**	2 ug/L
trans-1,2-Dichloroethene			**Not Detected**	2 ug/L
1,1-Dichloroethane			**Not Detected**	2 ug/L
2,2-Dichloropropane			**Not Detected**	2 ug/L
cis-1,2-Dichloroethene			**Not Detected**	2 ug/L
Bromochloromethane			**Not Detected**	2 ug/L
Chloroform			**Not Detected**	2 ug/L
1,1,1-Trichloroethane			**Not Detected**	2 ug/L
Carbon tetrachloride			**Not Detected**	2 ug/L
1,1-Dichloropropene			**Not Detected**	2 ug/L
Benzene			**Not Detected**	2 ug/L
1,2-Dichloroethane			**Not Detected**	2 ug/L
Trichloroethene			**Not Detected**	2 ug/L
1,2-Dichloropropane			**Not Detected**	2 ug/L
Dibromomethane			**Not Detected**	2 ug/L
Bromodichloromethane			**Not Detected**	2 ug/L
cis-1,3-Dichloropropene			**Not Detected**	2 ug/L
Toluene			**Not Detected**	2 ug/L
trans-1,3-Dichloropropene			**Not Detected**	2 ug/L
1,1,2-Trichloroethane			**Not Detected**	2 ug/L
Tetrachloroethene			**Not Detected**	2 ug/L
1,3-Dichloropropane			**Not Detected**	2 ug/L
Dibromochloromethane			**Not Detected**	2 ug/L
1,2-Dibromoethane			**Not Detected**	2 ug/L
Chlorobenzene			**Not Detected**	2 ug/L
1,1,1,2-Tetrachloroethane			**Not Detected**	2 ug/L
Ethylbenzene			**Not Detected**	2 ug/L

Sample Name:	**NBCA\043GP00306**	**Analysis Date:**	6/20/96
Sample Matrix:	Water	**Analysis Time:**	3:58
Client Name:	**EnSafe/Allen&Hoshall**	**Dilution Factor:**	1.00
Site Description:	**Charleston Naval Base**	**Sample Volume:**	5.0 ml
Analyst:	SJL	**Method:**	5030/8260

Compound	R.T.	Area	Amount	Detection Limit
m,p-Xylene			**Not Detected**	4 ug/L
o-Xylene			**Not Detected**	2 ug/L
Styrene			**Not Detected**	2 ug/L
Bromoform			**Not Detected**	2 ug/L
Isopropylbenzene			**Not Detected**	2 ug/L
Bromobenzene			**Not Detected**	2 ug/L
1,1,2,2-Tetrachloroethane			**Not Detected**	2 ug/L
1,2,3-Trichloropropane			**Not Detected**	2 ug/L
n-Propylbenzene			**Not Detected**	2 ug/L
2-Chlorotoluene			**Not Detected**	2 ug/L
4-Chlorotoluene			**Not Detected**	2 ug/L
1,3,5-Trimethylbenzene			**Not Detected**	2 ug/L
tert-Butylbenzene			**Not Detected**	2 ug/L
1,2,4-Trimethylbenzene			**Not Detected**	2 ug/L
sec-Butylbenzene			**Not Detected**	2 ug/L
1,3-Dichlorobenzene			**Not Detected**	2 ug/L
4-Isopropyltoluene			**Not Detected**	2 ug/L
1,4-Dichlorobenzene			**Not Detected**	2 ug/L
1,2-Dichlorobenzene			**Not Detected**	2 ug/L
n-Butylbenzene			**Not Detected**	2 ug/L
1,2-Dibromo-3-chloropropan			**Not Detected**	2 ug/L
1,2,4-Trichlorobenzene			**Not Detected**	2 ug/L
Hexachlorobutadiene			**Not Detected**	2 ug/L
Naphthalene			**Not Detected**	2 ug/L
1,2,3-Trichlorobenzene			**Not Detected**	2 ug/L

Surrogate Compound	R.T.	Area	Amount	Amt. Injected	% Rec.
Dibromofluoromethane	16.90	341405	54.8	50.00	109.62
Toluene-d8	24.17	738002	47.6	50.00	95.18
4-Bromofluorobenzene	33.44	168138	47.7	50.00	95.34

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID -------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-5
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/17/95
DATE ANALYZED --->	10/30/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	L5583	VAL
108-95-2	Phenol	770.	U
111-44-4	bis(2-Chloroethyl)ether	770.	U
95-57-8	2-Chlorophenol	770.	U
100-51-6	Benzyl alcohol	1500.	U
95-48-7	2-Methylphenol (o-Cresol)	770.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	770.	U
621-64-7	N-Nitroso-di-n-propylamine	770.	U
67-72-1	Hexachloroethane	770.	U
98-95-3	Nitrobenzene	770.	U
78-59-1	Isophorone	770.	U
88-75-5	2-Nitrophenol	770.	U
105-67-9	2,4-Dimethylphenol	770.	U
111-91-1	bis(2-Chloroethoxy)methane	770.	U
120-83-2	2,4-Dichlorophenol	770.	U
91-20-3	Naphthalene	380.	J
106-47-8	4-Chloroaniline	1500.	U
87-68-3	Hexachlorobutadiene	770.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U
91-57-6	2-Methylnaphthalene	770.	U
77-47-4	Hexachlorocyclopentadiene	770.	U
88-06-2	2,4,6-Trichlorophenol	770.	U
95-95-4	2,4,5-Trichlorophenol	770.	U
91-58-7	2-Chloronaphthalene	770.	U
88-74-4	2-Nitroaniline	3800.	U
131-11-3	Dimethyl phthalate	770.	U
208-96-8	Acenaphthylene	770.	U
606-20-2	2,6-Dinitrotoluene	770.	U
99-09-2	3-Nitroaniline	3800.	U
83-32-9	Acenaphthene	770.	U
51-28-5	2,4-Dinitrophenol	3800.	U
100-02-7	4-Nitrophenol	3800.	U
132-64-9	Dibenzofuran	770.	U
121-14-2	2,4-Dinitrotoluene	770.	U
84-66-2	Diethylphthalate	770.	U
7005-72-3	4-Chlorophenylphenylether	770.	U
86-73-7	Fluorene	770.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-5
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/17/95
DATE ANALYZED --->	10/30/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5583	VAL
100-01-6	4-Nitroaniline	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U
86-30-6	N-Nitrosodiphenylamine	3800.	U
101-55-3	4-Bromophenyl-phenylether	770.	U
118-74-1	Hexachlorobenzene	770.	U
87-86-5	Pentachlorophenol	3800.	U
85-01-8	Phenanthrene	620.	J
120-12-7	Anthracene	770.	U
84-74-2	Di-n-butylphthalate	770.	U
206-44-0	Fluoranthene	840.	
129-00-0	Pyrene	860.	
85-68-7	Butylbenzylphthalate	770.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U
56-55-3	Benzo(a)anthracene	380.	J
218-01-9	Chrysene	490.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	770.	U
117-84-0	Di-n-octyl phthalate	770.	U
205-99-2	Benzo(b)fluoranthene	310.	J
207-08-9	Benzo(k)fluoranthene	390.	J
50-32-8	Benzo(a)pyrene	400.	J
193-39-5	Indeno(1,2,3-cd)pyrene	330.	J
53-70-3	Dibenz(a,h)anthracene	770.	U
191-24-2	Benzo(g,h,i)perylene	350.	J
95-53-4	o-Toluidine	1500.	U
1888-71-7	Hexachloropropene	770.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	770.	U
608-93-5	Pentachlorobenzene	770.	U
91-59-8	2-Naphthylamine	3800.	U
134-32-7	1-Naphthylamine	3800.	U
297-97-2	Thionazin	3800.	U
99-55-8	5-Nitro-o-toluidine	3800.	U
2303-16-4	Diallate	1500.	U
298-02-2	Phorate	1500.	U
62-44-2	Phenacetin	1500.	U
60-51-5	Dimethoate	1500.	U
92-67-1	4-Aminobiphenyl	3800.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID -------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-5
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/17/95
DATE ANALYZED --->	10/30/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	L5583	VAL
23950-58-5	Pronamide	1500.	U
298-04-4	Disulfoton	1500.	U
298-00-0	Methyl parathion	3800.	U
56-38-2	Parathion	1500.	U
140-57-8	Aramite	1500.	U
510-15-6	Chlorobenzilate	1500.	U
119-93-7	3,3-Dimethylbenzidine	23000.	U
52-85-7	Famphur	770.	U
53-96-3	Acetamidofluorene	1500.	U
70-30-4	Hexachlorophene	13000.	U
56-49-5	3-Methyl cholanthrene	1500.	U
110-86-1	Pyridine	1500.	U
76-01-7	Pentachloroethane	770.	U
62-75-9	N-Nitrosodimethylamine	1500.	U
109-06-8	2-Picoline	2700.	U
10595-95-6	N-Nitrosomethylethylamine	1500.	U
66-27-3	Methyl methanesulfonate	770.	U
55-18-5	N-Nitrosodiethylamine	1500.	U
62-50-0	Ethyl methanesulfonate	770.	U
62-53-3	Aniline	1500.	U
930-55-2	N-Nitrosopyrrolidine	1500.	U
59-89-2	N-Nitrosomorpholine	1500.	U
98-86-2	Acetophenone	770.	U
87-65-0	2,6-Dichlorophenol	1500.	U
100-75-4	N-Nitrosopiperidine	1500.	U
924-16-3	N-Nitroso-di-n-butylamine	1500.	U
120-58-1	Isosafrole	770.	U
94-59-7	Safrole	770.	U
130-15-4	1,4-Naphthoquinone	1500.	U
99-65-0	1,3-Dinitrobenzene	1500.	U
58-90-2	2,3,4,6-Tetrachlorophenol	3800.	U
99-35-4	1,3,5-Trinitrobenzene	1500.	U
82-68-8	Pentachloronitrobenzene	770.	U
88-85-7	Dinoseb	2300.	U
3689-24-5	Sulfotep	1500.	U
126-68-1	O,O,O-Triethylphosphorothioate	1500.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-5
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/17/95
DATE ANALYZED --->	10/30/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	L5583	VAL
60-11-7	p-(Dimethylamino)azobenzene	1500.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	770.	U
56-57-5	4-Nitroquinoline 1-oxide	1500.	U
108-39-4	3-Methylphenol (m-Cresol)	1500.	U
999900-32-2	3-Methylphenol/4-Methylphenol	1500.	U
91-80-5	Methapyrilene	1500.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

SAMPLE ID ------->	506-C-B002-02 RE
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-4RE
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE ANALYZED --->	10/19/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5583	VAL
74-87-3	Chloromethane	12.	U
75-01-4	Vinyl chloride	12.	U
74-83-9	Bromomethane	12.	U
75-00-3	Chloroethane	12.	U
75-69-4	Trichlorofluoromethane	5.9	U
67-64-1	Acetone	16.	U
75-35-4	1,1-Dichloroethene	5.9	U
75-15-0	Carbon disulfide	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
108-05-4	Vinyl acetate	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
78-93-3	2-Butanone (MEK)	2.6	J
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
56-23-5	Carbon tetrachloride	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
71-43-2	Benzene	5.9	U
79-01-6	Trichloroethene	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
108-88-3	Toluene	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U
591-78-6	2-Hexanone	59.	U
79-00-5	1,1,2-Trichloroethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
124-48-1	Dibromochloromethane	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethylbenzene	5.9	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.9	UJ
541-73-1	1,3-Dichlorobenzene	5.9	UJ

*** Validation Complete ***

APX9 VOA

SAMPLE ID ------->	506-C-B002-02 RE
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-4RE
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE ANALYZED --->	10/19/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	L5583	VAL
106-46-7	1,4-Dichlorobenzene	5.9	UJ
95-50-1	1,2-Dichlorobenzene	5.9	UJ
75-05-8	Acetonitrile	59.	U
107-02-8	Acrolein	59.	U
107-13-1	Acrylonitrile	59.	U
107-05-1	3-Chloropropene	23.	U
106-93-4	1, 2-Dibromoethane	5.9	U
74-95-3	Methylene bromide	5.9	U
96-12-8	1,2-Dibromo-3-Chloropropane	120.	UJ
110-57-6	trans-1,4-Dichloro-2-butene	120.	UJ
75-71-8	Dichlorodifluoromethane	5.9	U
123-91-1	1,4-Dioxane	120.	U
107-12-0	Propionitrile	12.	U
97-63-2	Ethyl methacrylate	5.9	U
74-88-4	Methyl iodide	5.9	U
78-83-1	Isobutyl alcohol	120.	U
126-98-7	Methacrylonitrile	5.9	U
80-62-6	Methyl methacrylate	5.9	U
630-20-6	1,1,1,2-Tetrachloroethane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	UJ
96-18-4	1,2,3-Trichloropropane	5.9	UJ
540-59-0	1,2-Dichloroethene (total)	5.9	U
110-75-8	2-Chloroethyl vinyl ether	5.9	U
126-99-8	Chloroprene	5.9	U
76-01-7	Pentachloroethane	5.9	U
71-36-3	n-Butyl alcohol	5.9	U
999900-05-0	m+p Xylene	5.9	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-HERB	SAMPLE ID ------->	506-C-B002-02					
	ORIGINAL ID ----->	506CB00202					
	LAB SAMPLE ID --->	L5583-5					
	ID FROM REPORT -->	506CB00202					
	SAMPLE DATE ----->	10/11/95					
	DATE EXTRACTED -->	10/16/95					
	DATE ANALYZED --->	10/26/95					
	MATRIX ---------->	Soil					
	UNITS ---------->	UG/KG					
CAS #	Parameter	L5583	VAL				
94-75-7	2,4-D	180.	U				
93-72-1	2,4,5-TP (Silvex)	60.	U				
93-76-5	2,4,5-T	60.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

IEXACHROME

SAMPLE ID ------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-3
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/12/95
DATE ANALYZED --->	10/12/95
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	L5583I	VAL
18540-29-9	Chromium (Hexavalent)	0.02	U

*** Validatic.. Complete ***

OP PEST

SAMPLE ID ------->	506-C-B002-02
ORIGINAL ID ----->	506CB00202
LAB SAMPLE ID --->	L5583-5
ID FROM REPORT -->	506CB00202
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/17/95
DATE ANALYZED --->	10/30/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5583	VAL
60-51-5	Dimethoate	60.	U
298-04-4	Disulfoton	60.	U
52-85-7	Famphur	60.	U
56-38-2	Parathion	60.	U
298-00-0	Methyl parathion	60.	U
298-02-2	Phorate	60.	U
3689-24-5	Sulfotep	60.	U
297-97-2	Thionazin	60.	U
126-68-1	O,O,O-Triethylphosphorothioate	60.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	506-S-B001-01		506-S-B001-02		506-S-B002-01		506-S-B002-02		506-C-B002-02		506-S-B003-01	
	ORIGINAL ID ----->	506SB00101		506SB00102		506SB00201		506SB00202		506CB00202		506SB00301	
	LAB SAMPLE ID --->	L5586-37		L5586-38		L5586-35		L5586-36		L5583-3		L5586-33	
	ID FROM REPORT -->	506SB00101		506SB00102		506SB00201		506SB00202		506CB00202		506SB00301	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5586S	VAL	L5586S	VAL	L5586S	VAL	L5586S	VAL	L5583S	VAL	L5586S	VAL
7429-90-5	Aluminum (Al)	9860.		5160.		6410.		9180.		8790.		5010.	
7440-36-0	Antimony (Sb)	11.2	U	11.5	U	12.3	U	11.8	U	11.9	U	11.8	U
7440-38-2	Arsenic (As)	2.1	J	2.2	J	7.5		3.7	J	3.		8.9	
7440-39-3	Barium (Ba)	16.9	J	33.1	J	37.7	J	31.3	J	30.	J	30.4	J
7440-41-7	Beryllium (Be)	0.22	U	0.22	U	0.24	U	0.23	U	0.23	U	0.23	U
7440-43-9	Cadmium (Cd)	1.1	U	1.1	U	1.2	U	1.2	U	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	1140.		3800.		9100.		48500.		48400.		3920.	
7440-47-3	Chromium (Cr)	8.9		6.8		17.3		19.5		19.1		11.2	
7440-48-4	Cobalt (Co)	1.3	U	2.8	J	1.4	U	1.4	U	1.4	U	2.	J
7440-50-8	Copper (Cu)	1.9	J	11.		20.1		7.7		7.4		16.8	
7439-89-6	Iron (Fe)	5290.	J	8340.	J	7380.	J	5370.	J	5050.	J	7370.	J
7439-92-1	Lead (Pb)	5.6		72.6		40.9		18.7		18.6		46.9	
7439-95-4	Magnesium (Mg)	350.	J	439.	J	571.	J	2330.		2290.		385.	J
7439-96-5	Manganese (Mn)	11.8		146.		45.6		161.		153.		37.3	
7439-97-6	Mercury (Hg)	0.11	U	0.11	U	1.3		0.12	U	0.12	U	0.98	
7440-02-0	Nickel (Ni)	3.1	U	4.9	J	8.8	J	10.1		9.2	J	9.9	
7440-09-7	Potassium (K)	337.	J	282.	J	172.	J	492.	J	531.	J	235.	J
7782-49-2	Selenium (Se)	0.65	U	0.67	U	0.72	U	0.7	U	0.69	U	0.68	U
7440-22-4	Silver (Ag)	0.66	U	0.67	U	0.72	U	0.7	U	0.7	U	0.69	U
7440-23-5	Sodium (Na)	208.	J	310.	J	237.	J	471.	J	461.	J	218.	J
7440-28-0	Thallium (Tl)	0.86	U	0.9	U	0.96	U	0.93	U	0.92	U	0.91	U
7440-62-2	Vanadium (V)	12.2		6.8	J	16.6		15.5		14.9		14.7	
7440-66-6	Zinc (Zn)	10.5		32.7		84.7		32.3		32.		45.4	
7440-31-5	Tin (Sn)	8.1	U	14.7	J	8.9	U	8.6	U	8.7	U	8.6	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	506-S-B003-02		506-S-B004-01		506-S-B004-02		506-S-B005-01		506-S-B005-02		506-S-B006-01	
	ORIGINAL ID ----->	506SB00302		506SB00401		506SB00402		506SB00501		506SB00502		506SB00601	
	LAB SAMPLE ID --->	L5586-34		L5586-39		L5586-40		L5586-41		L5586-42		L5586-29	
	ID FROM REPORT -->	506SB00302		506SB00401		506SB00402		506SB00501		506SB00502		506SB00601	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/27/95		10/27/95		10/27/95		10/27/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5586S	VAL	L5586S	VAL	L5586S	VAL	L5586S	VAL	L5586S	VAL	L5586S	VAL
7429-90-5	Aluminum (Al)	10800.		9130.		11100.		11000.		9060.		6890.	
7440-36-0	Antimony (Sb)	11.4	U	11.2	U	14.	U	11.8	U	12.	U	11.7	U
7440-38-2	Arsenic (As)	2.	J	2.3		4.4		3.1		4.		4.1	
7440-39-3	Barium (Ba)	18.7	J	19.9	J	23.5	J	18.4	J	19.8	J	665.	
7440-41-7	Beryllium (Be)	0.22	U	0.22	U	0.27	U	0.23	U	0.24	U	0.23	U
7440-43-9	Cadmium (Cd)	1.1	U	1.1	U	1.4	U	1.2	U	1.2	U	1.2	
7440-70-2	Calcium (Ca)	2580.		12000.		115000.		1110.	J	90800.		3450.	
7440-47-3	Chromium (Cr)	10.8		9.4		29.1		10.9		19.7		30.1	
7440-48-4	Cobalt (Co)	1.3	U	1.5	J	1.6	U	17.7		1.7	J	3.5	J
7440-50-8	Copper (Cu)	3.2	J	3.5	J	8.8		2.8	J	7.4		48.9	
7439-89-6	Iron (Fe)	5670.	J	6120.	J	6670.	J	9220.	J	4520.	J	6950.	J
7439-92-1	Lead (Pb)	10.4		8.5		11.8		5.4		7.5		66.	
7439-95-4	Magnesium (Mg)	403.	J	447.	J	2950.		325.	J	1730.		1110.	J
7439-96-5	Manganese (Mn)	13.2		23.		45.		13.2		39.4		63.7	
7439-97-6	Mercury (Hg)	0.11	U	0.11	U	0.13	U	0.1	U	0.12	U	0.12	U
7440-02-0	Nickel (Ni)	5.1	J	5.3	J	12.4		3.9	J	9.3	J	9.4	
7440-09-7	Potassium (K)	300.	J	305.	J	658.	J	376.	J	555.	J	294.	J
7782-49-2	Selenium (Se)	0.66	U	0.66	U	1.	J	0.7	U	0.73	U	0.69	U
7440-22-4	Silver (Ag)	0.67	U	0.66	U	0.82	U	0.7	U	0.71	U	0.69	U
7440-23-5	Sodium (Na)	218.	J	237.	J	593.	J	224.	J	559.	J	244.	J
7440-28-0	Thallium (Tl)	0.88	U	0.88	U	1.1	U	0.93	U	0.97	U	0.93	U
7440-62-2	Vanadium (V)	13.3		13.4		20.8		17.		13.9		12.5	
7440-66-6	Zinc (Zn)	10.2		9.6		38.2		6.8		24.		281.	
7440-31-5	Tin (Sn)	8.3	U	8.1	U	10.2	U	8.6	U	8.7	U	8.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META

SAMPLE ID ------->	506-S-B006-02
ORIGINAL ID ----->	506SB00602
LAB SAMPLE ID --->	L5586-30
ID FROM REPORT -->	506SB00602
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/21/95
DATE ANALYZED --->	10/27/95
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	L5586S	VAL
7429-90-5	Aluminum (Al)	7120.	
7440-36-0	Antimony (Sb)	11.9	U
7440-38-2	Arsenic (As)	5.8	
7440-39-3	Barium (Ba)	29.1	J
7440-41-7	Beryllium (Be)	0.23	U
7440-43-9	Cadmium (Cd)	1.2	U
7440-70-2	Calcium (Ca)	109000.	
7440-47-3	Chromium (Cr)	23.3	
7440-48-4	Cobalt (Co)	1.4	U
7440-50-8	Copper (Cu)	8.6	
7439-89-6	Iron (Fe)	4600.	J
7439-92-1	Lead (Pb)	17.3	
7439-95-4	Magnesium (Mg)	1560.	
7439-96-5	Manganese (Mn)	33.9	
7439-97-6	Mercury (Hg)	0.11	U
7440-02-0	Nickel (Ni)	9.7	
7440-09-7	Potassium (K)	536.	J
7782-49-2	Selenium (Se)	0.95	J
7440-22-4	Silver (Ag)	0.7	U
7440-23-5	Sodium (Na)	882.	J
7440-28-0	Thallium (Tl)	0.93	U
7440-62-2	Vanadium (V)	12.8	
7440-66-6	Zinc (Zn)	38.2	
7440-31-5	Tin (Sn)	8.6	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	506-S-B001-01		506-S-B001-02		506-S-B002-01		506-S-B002-02		506-S-B003-01		506-S-B003-02	
	ORIGINAL ID ----->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	LAB SAMPLE ID --->	L5586-23		L5586-24		L5586-21		L5586-22		L5586-19		L5586-20	
	ID FROM REPORT -->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE ANALYZED --->	11/06/95		11/03/95		11/02/95		11/02/95		11/02/95		11/06/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
108-95-2	Phenol	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
111-44-4	bis(2-Chloroethyl)ether	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
95-57-8	2-Chlorophenol	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
541-73-1	1,3-Dichlorobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
106-46-7	1,4-Dichlorobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
100-51-6	Benzyl alcohol	1400.	U	1400.	U	1600.	U	1500.	U	1500.	U	1400.	U
95-50-1	1,2-Dichlorobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
95-48-7	2-Methylphenol (o-Cresol)	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
621-64-7	N-Nitroso-di-n-propylamine	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
67-72-1	Hexachloroethane	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
98-95-3	Nitrobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
78-59-1	Isophorone	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
88-75-5	2-Nitrophenol	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
105-67-9	2,4-Dimethylphenol	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
65-85-0	Benzoic acid	3600.	U	3700.	U	4000.	U	3900.	U	3800.	U	3700.	U
111-91-1	bis(2-Chloroethoxy)methane	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
120-83-2	2,4-Dichlorophenol	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
120-82-1	1,2,4-Trichlorobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
91-20-3	Naphthalene	710.	U	550.	J	790.	U	320.	J	760.	U	730.	U
106-47-8	4-Chloroaniline	1400.	U	1400.	U	1600.	U	1500.	U	1500.	U	1400.	U
87-68-3	Hexachlorobutadiene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
59-50-7	4-Chloro-3-methylphenol	1400.	U	1400.	U	1600.	U	1500.	U	1500.	U	1400.	U
91-57-6	2-Methylnaphthalene	710.	U	580.	J	790.	U	780.	U	760.	U	730.	U
77-47-4	Hexachlorocyclopentadiene	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
88-06-2	2,4,6-Trichlorophenol	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
95-95-4	2,4,5-Trichlorophenol	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
91-58-7	2-Chloronaphthalene	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
88-74-4	2-Nitroaniline	3600.	U	3700.	UJ	4000.	U	3900.	U	3800.	U	3700.	U
131-11-3	Dimethyl phthalate	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
208-96-8	Acenaphthylene	710.	U	970.	J	790.	U	780.	U	760.	U	730.	U
606-20-2	2,6-Dinitrotoluene	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
99-09-2	3-Nitroaniline	3600.	U	3700.	UJ	4000.	U	3900.	U	3800.	U	3700.	U
83-32-9	Acenaphthene	710.	U	600.	J	790.	U	780.	U	760.	U	730.	U
51-28-5	2,4-Dinitrophenol	3600.	U	3700.	UJ	4000.	U	3900.	U	3800.	U	3700.	U
100-02-7	4-Nitrophenol	3600.	U	3700.	UJ	4000.	U	3900.	U	3800.	U	3700.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA													
	SAMPLE ID ------->	506-S-B001-01		506-S-B001-02		506-S-B002-01		506-S-B002-02		506-S-B003-01		506-S-B003-02	
	ORIGINAL ID ----->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	LAB SAMPLE ID --->	L5586-23		L5586-24		L5586-21		L5586-22		L5586-19		L5586-20	
	ID FROM REPORT -->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE ANALYZED --->	11/06/95		11/03/95		11/02/95		11/02/95		11/02/95		11/06/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
132-64-9	Dibenzofuran	710.	U	1200.	J	790.	U	780.	U	760.	U	730.	U
121-14-2	2,4-Dinitrotoluene	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
84-66-2	Diethylphthalate	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
7005-72-3	4-Chlorophenylphenylether	710.	U	730.	UJ	790.	U	780.	U	760.	U	730.	U
86-73-7	Fluorene	710.	U	1800.	J	790.	U	780.	U	760.	U	730.	U
100-01-6	4-Nitroaniline	3600.	U	3700.	U	4000.	U	3900.	U	3800.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	3700.	U	4000.	U	3900.	U	3800.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
101-55-3	4-Bromophenyl-phenylether	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
118-74-1	Hexachlorobenzene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
87-86-5	Pentachlorophenol	3600.	U	3700.	U	4000.	U	3900.	U	3800.	U	3700.	U
85-01-8	Phenanthrene	710.	U	11000.		790.	U	430.	J	760.	U	730.	U
120-12-7	Anthracene	710.	U	1800.		790.	U	780.	U	760.	U	730.	U
86-74-8	Carbazole	710.	U	1200.		790.	U	780.	U	760.	U	730.	U
84-74-2	Di-n-butylphthalate	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
206-44-0	Fluoranthene	710.	U	39000.	UR	790.	U	660.	J	760.	U	730.	U
129-00-0	Pyrene	710.	U	19000.	UR	790.	U	520.	J	760.	U	730.	U
85-68-7	Butylbenzylphthalate	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1400.	U	1600.	U	1500.	U	1500.	U	1400.	U
56-55-3	Benzo(a)anthracene	710.	U	5700.		790.	U	230.	J	760.	U	730.	U
218-01-9	Chrysene	710.	U	6500.		790.	U	340.	J	760.	U	730.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
117-84-0	Di-n-octyl phthalate	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
205-99-2	Benzo(b)fluoranthene	710.	U	8000.		790.	U	430.	J	760.	U	730.	U
207-08-9	Benzo(k)fluoranthene	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
50-32-8	Benzo(a)pyrene	710.	U	5400.		790.	U	280.	J	760.	U	730.	U
193-39-5	Indeno(1,2,3-cd)pyrene	710.	U	3000.		790.	U	160.	J	760.	U	730.	U
53-70-3	Dibenz(a,h)anthracene	710.	U	1300.		790.	U	780.	U	760.	U	730.	U
191-24-2	Benzo(g,h,i)perylene	710.	U	3100.		790.	U	190.	J	760.	U	730.	U
106-44-5	4-Methylphenol (p-Cresol)	710.	U	730.	U	790.	U	780.	U	760.	U	730.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	506-S-B004-01		506-S-B004-02		506-S-B005-01		506-S-B005-02		506-S-B006-01		506-S-B006-02	
	ORIGINAL ID ----->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	LAB SAMPLE ID --->	L5586-25		L5586-26		L5586-27		L5586-28		L5586-15		L5586-16	
	ID FROM REPORT -->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE ANALYZED --->	11/02/95		11/03/95		11/06/95		11/02/95		11/02/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
108-95-2	Phenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
111-44-4	bis(2-Chloroethyl)ether	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
95-57-8	2-Chlorophenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
541-73-1	1,3-Dichlorobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
106-46-7	1,4-Dichlorobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
100-51-6	Benzyl alcohol	1500.	U	1800.	U	1500.	U	1600.	U	1500.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
95-48-7	2-Methylphenol (o-Cresol)	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
621-64-7	N-Nitroso-di-n-propylamine	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
67-72-1	Hexachloroethane	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
98-95-3	Nitrobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
78-59-1	Isophorone	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
88-75-5	2-Nitrophenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
105-67-9	2,4-Dimethylphenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
65-85-0	Benzoic acid	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
111-91-1	bis(2-Chloroethoxy)methane	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
120-83-2	2,4-Dichlorophenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
120-82-1	1,2,4-Trichlorobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
91-20-3	Naphthalene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
106-47-8	4-Chloroaniline	1500.	U	1800.	U	1500.	U	1600.	U	1500.	U	1500.	U
87-68-3	Hexachlorobutadiene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1800.	U	1500.	U	1600.	U	1500.	U	1500.	U
91-57-6	2-Methylnaphthalene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
77-47-4	Hexachlorocyclopentadiene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
88-06-2	2,4,6-Trichlorophenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
95-95-4	2,4,5-Trichlorophenol	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
91-58-7	2-Chloronaphthalene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
88-74-4	2-Nitroaniline	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
131-11-3	Dimethyl phthalate	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
208-96-8	Acenaphthylene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
606-20-2	2,6-Dinitrotoluene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
99-09-2	3-Nitroaniline	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
83-32-9	Acenaphthene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
51-28-5	2,4-Dinitrophenol	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
100-02-7	4-Nitrophenol	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA															
	SAMPLE ID ------->	506-S-B004-01		506-S-B004-02		506-S-B005-01		506-S-B005-02		506-S-B006-01		506-S-B006-02	
	ORIGINAL ID ----->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	LAB SAMPLE ID --->	L5586-25		L5586-26		L5586-27		L5586-28		L5586-15		L5586-16	
	ID FROM REPORT -->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	DATE ANALYZED --->	11/02/95		11/03/95		11/06/95		11/02/95		11/02/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
132-64-9	Dibenzofuran	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
121-14-2	2,4-Dinitrotoluene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
84-66-2	Diethylphthalate	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
7005-72-3	4-Chlorophenylphenylether	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
86-73-7	Fluorene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
100-01-6	4-Nitroaniline	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
86-30-6	N-Nitrosodiphenylamine	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
101-55-3	4-Bromophenyl-phenylether	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
118-74-1	Hexachlorobenzene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
87-86-5	Pentachlorophenol	3700.	U	4500.	U	3900.	U	4000.	U	3700.	U	3900.	U
85-01-8	Phenanthrene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
120-12-7	Anthracene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
86-74-8	Carbazole	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
84-74-2	Di-n-butylphthalate	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
206-44-0	Fluoranthene	740.	U	350.	J	790.	U	790.	U	750.	U	780.	U
129-00-0	Pyrene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
85-68-7	Butylbenzylphthalate	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1800.	U	1500.	U	1600.	U	1500.	U	1500.	U
56-55-3	Benzo(a)anthracene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
218-01-9	Chrysene	740.	U	250.	J	790.	U	790.	U	750.	U	780.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
117-84-0	Di-n-octyl phthalate	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
205-99-2	Benzo(b)fluoranthene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
207-08-9	Benzo(k)fluoranthene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
50-32-8	Benzo(a)pyrene	740.	U	210.	J	790.	U	790.	U	750.	U	780.	U
193-39-5	Indeno(1,2,3-cd)pyrene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
53-70-3	Dibenz(a,h)anthracene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
191-24-2	Benzo(g,h,i)perylene	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
106-44-5	4-Methylphenol (p-Cresol)	740.	U	900.	U	790.	U	790.	U	750.	U	780.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	506-S-B001-01		506-S-B001-02		506-S-B002-01		506-S-B002-02		506-S-B003-01		506-S-B003-02	
	ORIGINAL ID ----->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	LAB SAMPLE ID --->	L5586-9		L5586-10		L5586-7		L5586-8		L5586-5		L5586-6	
	ID FROM REPORT -->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
74-87-3	Chloromethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
75-01-4	Vinyl chloride	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
74-83-9	Bromomethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
75-00-3	Chloroethane	5.4	UR	5.6	U	6.	UR	5.8	U	5.7	U	5.5	UR
75-69-4	Trichlorofluoromethane	5.4	UJ	5.6	UJ	6.	UJ	5.8	UJ	5.7	UJ	5.5	UJ
67-64-1	Acetone	60.		11.	U	12.	U	56.		11.	U	7.7	J
75-35-4	1,1-Dichloroethene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
75-15-0	Carbon disulfide	5.4	U	5.6	U	6.	U	3.6	J	5.7	U	5.5	U
75-09-2	Methylene chloride	5.4	U	5.6	U	6.	U	1.2	J	5.7	U	5.5	U
156-60-5	trans-1,2-Dichloroethene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
108-05-4	Vinyl acetate	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	12.	U	6.9	J	11.	U	11.	U
156-59-2	cis-1,2-Dichloroethene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
67-66-3	Chloroform	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
71-55-6	1,1,1-Trichloroethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
56-23-5	Carbon tetrachloride	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
107-06-2	1,2-Dichloroethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
71-43-2	Benzene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
79-01-6	Trichloroethene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
78-87-5	1,2-Dichloropropane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
75-27-4	Bromodichloromethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	22.	U	24.	U	23.	U	23.	U	22.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
108-88-3	Toluene	5.4	U	2.4	J	6.	U	4.1	J	1.7	J	5.5	U
10061-02-6	trans-1,3-Dichloropropene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
591-78-6	2-Hexanone	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
79-00-5	1,1,2-Trichloroethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
127-18-4	Tetrachloroethene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
124-48-1	Dibromochloromethane	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
108-90-7	Chlorobenzene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
100-41-4	Ethylbenzene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
100-42-5	Styrene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
75-25-2	Bromoform	5.4	U	5.6	U	6.	UJ	5.8	U	5.7	U	5.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

#846-VOA													
	SAMPLE ID ------->	506-S-B001-01		506-S-B001-02		506-S-B002-01		506-S-B002-02		506-S-B003-01		506-S-B003-02	
	ORIGINAL ID ----->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	LAB SAMPLE ID --->	L5586-9		L5586-10		L5586-7		L5586-8		L5586-5		L5586-6	
	ID FROM REPORT -->	506SB00101		506SB00102		506SB00201		506SB00202		506SB00301		506SB00302	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	5.6	U	6.	UJ	5.8	U	5.7	U	5.5	U
541-73-1	1,3-Dichlorobenzene	5.4	U	5.6	U	6.	UJ	5.8	U	5.7	U	5.5	U
106-46-7	1,4-Dichlorobenzene	5.4	U	5.6	U	6.	UJ	5.8	U	5.7	U	5.5	U
95-50-1	1,2-Dichlorobenzene	5.4	U	5.6	U	6.	UJ	5.8	U	5.7	U	5.5	U
99900-05-0	m+p Xylene	5.4	U	5.6	U	6.	U	5.8	U	5.7	U	5.5	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	506-S-B004-01		506-S-B004-02		506-S-B005-01		506-S-B005-02		506-S-B006-01		506-S-B006-02	
	ORIGINAL ID ----->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	LAB SAMPLE ID --->	L5586-11		L5586-12		L5586-13		L5586-14		L5586-1		L5586-2	
	ID FROM REPORT -->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/21/95		10/23/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
74-87-3	Chloromethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-01-4	Vinyl chloride	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
74-83-9	Bromomethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-00-3	Chloroethane	5.5	UR	7.	U	5.9	U	6.1	U	5.8	UR	5.9	UR
75-69-4	Trichlorofluoromethane	5.5	UJ	7.	UJ	5.9	UJ	6.1	UJ	5.8	UJ	5.9	UJ
67-64-1	Acetone	15.		14.	U	34.		12.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-15-0	Carbon disulfide	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-09-2	Methylene chloride	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
108-05-4	Vinyl acetate	11.	U	14.	U	12.	U	12.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
78-93-3	2-Butanone (MEK)	11.	U	14.	U	12.	U	12.	U	12.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
67-66-3	Chloroform	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
71-55-6	1,1,1-Trichloroethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
56-23-5	Carbon tetrachloride	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
107-06-2	1,2-Dichloroethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
71-43-2	Benzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
79-01-6	Trichloroethene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
78-87-5	1,2-Dichloropropane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-27-4	Bromodichloromethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
110-75-8	2-Chloroethyl vinyl ether	22.	U	28.	U	24.	U	24.	U	23.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	14.	U	12.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
108-88-3	Toluene	5.5	U	9.2		1.3	J	3.5	J	5.8	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
591-78-6	2-Hexanone	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
79-00-5	1,1,2-Trichloroethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
127-18-4	Tetrachloroethene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
124-48-1	Dibromochloromethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
108-90-7	Chlorobenzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
100-41-4	Ethylbenzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
100-42-5	Styrene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
75-25-2	Bromoform	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-VOA													
	SAMPLE ID ------->	506-S-B004-01		506-S-B004-02		506-S-B005-01		506-S-B005-02		506-S-B006-01		506-S-B006-02	
	ORIGINAL ID ----->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	LAB SAMPLE ID --->	L5586-11		L5586-12		L5586-13		L5586-14		L5586-1		L5586-2	
	ID FROM REPORT -->	506SB00401		506SB00402		506SB00501		506SB00502		506SB00601		506SB00602	
	SAMPLE DATE ----->	10/11/95		10/11/95		10/11/95		10/11/95		10/11/95		10/11/95	
	DATE ANALYZED --->	10/21/95		10/23/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL	L5586	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
541-73-1	1,3-Dichlorobenzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
106-46-7	1,4-Dichlorobenzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
95-50-1	1,2-Dichlorobenzene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
99900-05-0	m+p Xylene	5.5	U	7.	U	5.9	U	6.1	U	5.8	U	5.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

SAMPLE ID ------->	506-G-W001-01
ORIGINAL ID ----->	506GW00101
LAB SAMPLE ID --->	L5997-61
ID FROM REPORT -->	506GW00101
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/13/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L5997	VAL
7429-90-5	Aluminum (Al)	3020.	
7440-36-0	Antimony (Sb)	51.	U
7440-38-2	Arsenic (As)	4.	U
7440-39-3	Barium (Ba)	35.4	J
7440-41-7	Beryllium (Be)	1.	U
7440-43-9	Cadmium (Cd)	5.	U
7440-70-2	Calcium (Ca)	38900.	
7440-47-3	Chromium (Cr)	9.7	J
7440-48-4	Cobalt (Co)	6.	U
7440-50-8	Copper (Cu)	14.4	J
7439-89-6	Iron (Fe)	3710.	J
7439-92-1	Lead (Pb)	3.	U
7439-95-4	Magnesium (Mg)	23900.	
7439-96-5	Manganese (Mn)	85.7	
7439-97-6	Mercury (Hg)	0.2	U
7440-02-0	Nickel (Ni)	16.7	J
7440-09-7	Potassium (K)	6870.	
7782-49-2	Selenium (Se)	3.	J
7440-22-4	Silver (Ag)	3.	U
7440-23-5	Sodium (Na)	63400.	J
7440-28-0	Thallium (Tl)	4.	UJ
7440-62-2	Vanadium (V)	6.2	J
7440-66-6	Zinc (Zn)	137.	
7440-31-5	Tin (Sn)	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-SVOA

SAMPLE ID ------->	506-G-W001-01
ORIGINAL ID ----->	506GW00101
LAB SAMPLE ID --->	L5997-36
ID FROM REPORT -->	506GW00101
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/14/95
DATE ANALYZED --->	12/21/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5997	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	21.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
65-85-0	Benzoic acid	52.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	21.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	21.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	10.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	52.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	52.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	52.	U
100-02-7	4-Nitrophenol	52.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	506-G-W001-01
ORIGINAL ID ----->	506GW00101
LAB SAMPLE ID --->	L5997-36
ID FROM REPORT -->	506GW00101
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	12/14/95
DATE ANALYZED --->	12/21/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5997	VAL
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	21.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	52.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	52.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	21.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA

SAMPLE ID ------->	506-G-W001-01
ORIGINAL ID ----->	506GW00101
LAB SAMPLE ID --->	L5997-10
ID FROM REPORT -->	506GW00101
SAMPLE DATE ----->	12/07/95
DATE ANALYZED --->	12/19/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L5997	VAL
74-87-3	Chloromethane	5.	U
75-01-4	Vinyl chloride	5.	U
74-83-9	Bromomethane	5.	UJ
75-00-3	Chloroethane	5.	U
75-69-4	Trichlorofluoromethane	21.	
67-64-1	Acetone	10.	U
75-35-4	1,1-Dichloroethene	5.	U
75-15-0	Carbon disulfide	5.	U
75-09-2	Methylene chloride	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	10.	U
75-34-3	1,1-Dichloroethane	3.5	J
78-93-3	2-Butanone (MEK)	10.	U
156-59-2	cis-1,2-Dichloroethene	5.	U
67-66-3	Chloroform	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
107-06-2	1,2-Dichloroethane	5.	U
71-43-2	Benzene	5.	U
79-01-6	Trichloroethene	5.	U
78-87-5	1,2-Dichloropropane	5.	U
75-27-4	Bromodichloromethane	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
108-88-3	Toluene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
591-78-6	2-Hexanone	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U
127-18-4	Tetrachloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.	U
100-42-5	Styrene	5.	U
75-25-2	Bromoform	5.	U

*** Validatic. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	506-G-W001-01
ORIGINAL ID ----->	506GW00101
LAB SAMPLE ID --->	L5997-10
ID FROM REPORT -->	506GW00101
SAMPLE DATE ----->	12/07/95
DATE ANALYZED --->	12/19/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L5997	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
999900-05-0	m+p Xylene	5.	U
540-59-0	1,2-Dichloroethene (total)	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW-VOA

SAMPLE ID ------->	506-G-W001-04
ORIGINAL ID ----->	506GW00104
LAB SAMPLE ID --->	6434-02
ID FROM REPORT -->	506GW00104
SAMPLE DATE ----->	10/10/96
DATE ANALYZED --->	10/17/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	6434	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl chloride	5.	U
75-00-3	Chloroethane	5.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	UR
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
127-18-4	Tetrachloroethene	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U
1330-20-7	Xylene (Total)	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-META										
	SAMPLE ID ------->	506-G-W001-02		506-G-W001-03		506-G-W001-04				
	ORIGINAL ID ----->	506GW00102		506GW00103		506GW00104				
	LAB SAMPLE ID --->	L6916-11		L7335-11		6434-02				
	ID FROM REPORT -->	506GW00102		506GW00103		506GW00104				
	SAMPLE DATE ----->	04/25/96		06/26/96		10/10/96				
	DATE EXTRACTED -->	05/07/96		07/09/96		10/25/96				
	DATE ANALYZED --->	05/09/96		07/15/96		10/30/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	L6916W	VAL	L7335	VAL	6434	VAL			
7429-90-5	Aluminum (Al)	3190.	J	1840.		118.	UJ			
7440-36-0	Antimony (Sb)	7.3	U	9.	U	2.	UR			
7440-38-2	Arsenic (As)	2.	UJ	3.	U	2.1	UR			
7440-39-3	Barium (Ba)	51.8	U	46.	J	97.	J			
7440-41-7	Beryllium (Be)	1.	U	1.	U	0.11	UJ			
7440-43-9	Cadmium (Cd)	5.	U	3.	U	0.22	U			
7440-70-2	Calcium (Ca)	47200.		40000.		84600.				
7440-47-3	Chromium (Cr)	7.1	J	6.	U	0.78	UJ			
7440-48-4	Cobalt (Co)	7.	U	4.	U	0.67	UJ			
7440-50-8	Copper (Cu)	8.9	J	7.8	J	2.7	UR			
7439-89-6	Iron (Fe)	2800.		1850.		112.	J			
7439-92-1	Lead (Pb)	2.	U	2.	U	1.4	UR			
7439-95-4	Magnesium (Mg)	18000.		16900.		16600.				
7439-96-5	Manganese (Mn)	30.	U	36.2		16.6	J			
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.11	UJ			
7440-02-0	Nickel (Ni)	13.	U	12.	U	0.67	UJ			
7440-09-7	Potassium (K)	5450.		5790.		9200.6	J			
7782-49-2	Selenium (Se)	5.6	J	3.8	J	9.8	U			
7440-22-4	Silver (Ag)	7.	U	6.	U	1.	UJ			
7440-23-5	Sodium (Na)	49900.	U	55900.		27800.	U			
7440-28-0	Thallium (Tl)	3.	U	3.	U	3.1	UR			
7440-62-2	Vanadium (V)	8.9	J	6.	U	0.76	J			
7440-66-6	Zinc (Zn)	14.4	U	17.1	U	25.7	UR			
7440-31-5	Tin (Sn)	33.	U	15.	U	54.8	UJ			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

SAMPLE ID ------->	506-G-W001-04
ORIGINAL ID ----->	506GW00104
LAB SAMPLE ID --->	6434-02
ID FROM REPORT -->	506GW00104
SAMPLE DATE ----->	10/10/96
DATE EXTRACTED -->	10/14/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	6434	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U
100-51-6	Benzyl alcohol	10.	U
95-50-1	1,2-Dichlorobenzene	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ
106-44-5	4-Methylphenol (p-Cresol)	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
65-85-0	Benzoic acid	50.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	10.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	10.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	UJ

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-SVOA

SAMPLE ID ------->	506-G-W001-04
ORIGINAL ID ----->	506GW00104
LAB SAMPLE ID --->	6434-02
ID FROM REPORT -->	506GW00104
SAMPLE DATE ----->	10/10/96
DATE EXTRACTED -->	10/14/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	6434	VAL
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U
110-86-1	Pyridine	10.	U
103-33-3	Azobenzene	10.	U
62-53-3	Aniline	NR	
62-75-9	N-Nitrosodimethylamine	NR	

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	506-G-W001-02		506-G-W001-03					
	ORIGINAL ID ----->	506GW00102		506GW00103					
	LAB SAMPLE ID --->	L6916-2		L7335-7					
	ID FROM REPORT -->	506GW00102		506GW00103					
	SAMPLE DATE ----->	04/25/96		06/26/96					
	DATE ANALYZED --->	05/01/96		06/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L6916	VAL	L7335	VAL				
74-87-3	Chloromethane	5.	U	5.	U				
74-83-9	Bromomethane	5.	UJ	5.	UJ				
75-01-4	Vinyl chloride	5.	U	5.	U				
75-00-3	Chloroethane	5.	UJ	5.	UJ				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	10.	U	10.	U				
75-15-0	Carbon disulfide	5.	U	1.6	J				
75-35-4	1,1-Dichloroethene	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	4.2	J	5.1					
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
79-01-6	Trichloroethene	5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U				
75-25-2	Bromoform	5.	U	5.	U				
591-78-6	2-Hexanone	10.	U	10.	UJ				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
108-88-3	Toluene	5.	U	5.	U				
108-90-7	Chlorobenzene	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U				
75-69-4	Trichlorofluoromethane	33.	J	28.					
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U				
95-47-6	o-Xylene	5.	U	5.	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

846-VOA	SAMPLE ID ------->	506-G-W001-02		506-G-W001-03					
	ORIGINAL ID ----->	506GW00102		506GW00103					
	LAB SAMPLE ID --->	L6916-2		L7335-7					
	ID FROM REPORT -->	506GW00102		506GW00103					
	SAMPLE DATE ----->	04/25/96		06/26/96					
	DATE ANALYZED --->	05/01/96		06/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	L6916	VAL	L7335	VAL				
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U				
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U				
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U				
99900-05-0	m+p Xylene	5.	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	NR		NR					
1330-20-7	Xylene (Total)	NR		NR					

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

VOA													
	SAMPLE ID ------->	506-G-P001-01		506-G-P001-02		506-G-P002-01		506-G-P002-02		506-G-P003-01		506-G-P003-02	
	ORIGINAL ID ----->	506GP00101		506GP00102		506GP00201		506GP00202		506GP00301		506GP00302	
	LAB SAMPLE ID --->	29820.03		29820.02		29820.01		29820.04		29820.09		29820.11	
	ID FROM REPORT -->	506GP00101		506GP00102		506GP00201		506GP00202		506GP00301		506GP00302	
	SAMPLE DATE ----->	06/24/97		06/24/97		06/24/97		06/24/97		06/23/97		06/23/97	
	DATE ANALYZED --->	06/26/97		06/26/97		06/26/97		06/26/97		06/26/97		06/26/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29820	VAL	29820	VAL	29820	VAL	29820	VAL	29820	VAL	29820	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	UJ	12.	UJ	10.	UJ	14.	UJ	10.	UJ	10.	UJ
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	J	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

UP9-SVOA

	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	LAB SAMPLE ID --->	L5542-3		L5557-5		L5557-4		L5557-6			
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95			
	DATE EXTRACTED -->	10/17/95		10/17/95		10/17/95		10/17/95			
	DATE ANALYZED --->	10/28/95		10/30/95		10/30/95		10/28/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL		
108-95-2	Phenol	810.	U	760.	U	760.	U	750.	U		
111-44-4	bis(2-Chloroethyl)ether	810.	U	760.	U	760.	U	750.	U		
95-57-8	2-Chlorophenol	810.	U	760.	U	760.	U	750.	U		
100-51-6	Benzyl alcohol	1600.	U	1500.	U	1500.	U	1500.	U		
95-48-7	2-Methylphenol (o-Cresol)	810.	U	760.	U	760.	U	750.	U		
39638-32-9	Bis(2-Chloroisopropyl)Ether	810.	U	760.	U	760.	U	750.	U		
621-64-7	N-Nitroso-di-n-propylamine	810.	U	760.	U	760.	U	750.	U		
67-72-1	Hexachloroethane	810.	U	760.	U	760.	U	750.	U		
98-95-3	Nitrobenzene	810.	U	760.	U	760.	U	750.	U		
78-59-1	Isophorone	810.	U	760.	U	760.	U	750.	U		
88-75-5	2-Nitrophenol	810.	U	760.	U	760.	U	750.	U		
105-67-9	2,4-Dimethylphenol	810.	U	760.	U	760.	U	750.	U		
111-91-1	bis(2-Chloroethoxy)methane	810.	U	760.	U	760.	U	750.	U		
120-83-2	2,4-Dichlorophenol	810.	U	760.	U	760.	U	750.	U		
91-20-3	Naphthalene	810.	U	760.	U	760.	U	750.	U		
106-47-8	4-Chloroaniline	1600.	U	1500.	U	1500.	U	1500.	U		
87-68-3	Hexachlorobutadiene	810.	U	760.	U	760.	U	750.	U		
59-50-7	4-Chloro-3-methylphenol	1600.	U	1500.	U	1500.	U	1500.	U		
91-57-6	2-Methylnaphthalene	810.	U	760.	U	760.	U	750.	U		
77-47-4	Hexachlorocyclopentadiene	810.	U	760.	U	760.	U	750.	U		
88-06-2	2,4,6-Trichlorophenol	810.	U	760.	U	760.	U	750.	U		
95-95-4	2,4,5-Trichlorophenol	810.	U	760.	U	760.	U	750.	U		
91-58-7	2-Chloronaphthalene	810.	U	760.	U	760.	U	750.	U		
88-74-4	2-Nitroaniline	4000.	U	3800.	U	3800.	U	3700.	U		
131-11-3	Dimethyl phthalate	810.	U	760.	U	760.	U	750.	U		
208-96-8	Acenaphthylene	810.	U	760.	U	760.	U	750.	U		
606-20-2	2,6-Dinitrotoluene	810.	U	760.	U	760.	U	750.	U		
99-09-2	3-Nitroaniline	4000.	U	3800.	U	3800.	U	3700.	U		
83-32-9	Acenaphthene	810.	U	760.	U	760.	U	750.	U		
51-28-5	2,4-Dinitrophenol	4000.	U	3800.	U	3800.	U	3700.	U		
100-02-7	4-Nitrophenol	4000.	U	3800.	U	3800.	U	3700.	U		
132-64-9	Dibenzofuran	810.	U	760.	U	760.	U	750.	U		
121-14-2	2,4-Dinitrotoluene	810.	U	760.	U	760.	U	750.	U		
84-66-2	Diethylphthalate	810.	U	760.	U	760.	U	750.	U		
7005-72-3	4-Chlorophenylphenylether	810.	U	760.	U	760.	U	750.	U		
86-73-7	Fluorene	810.	U	760.	U	760.	U	750.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->		GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01	
ORIGINAL ID ----->		GDACB00302		GDACB00501		GDACB00701		GDACB01101	
LAB SAMPLE ID --->		L5542-3		L5557-5		L5557-4		L5557-6	
ID FROM REPORT -->		GDACB00302		GDACB00501		GDACB00701		GDACB01101	
SAMPLE DATE ----->		10/05/95		10/09/95		10/09/95		10/09/95	
DATE EXTRACTED -->		10/17/95		10/17/95		10/17/95		10/17/95	
DATE ANALYZED --->		10/28/95		10/30/95		10/30/95		10/28/95	
MATRIX ---------->		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL
100-01-6	4-Nitroaniline	4000.	U	3800.	U	3800.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4000.	U	3800.	U	3800.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	4000.	U	3800.	U	3800.	U	3700.	U
101-55-3	4-Bromophenyl-phenylether	810.	U	760.	U	760.	U	750.	U
118-74-1	Hexachlorobenzene	810.	U	760.	U	760.	U	750.	U
87-86-5	Pentachlorophenol	4000.	U	3800.	U	3800.	U	3700.	U
85-01-8	Phenanthrene	810.	U	760.	U	760.	U	750.	U
120-12-7	Anthracene	810.	U	760.	U	760.	U	750.	U
84-74-2	Di-n-butylphthalate	810.	U	760.	U	760.	U	750.	U
206-44-0	Fluoranthene	810.	U	760.	U	480.	J	750.	U
129-00-0	Pyrene	810.	U	760.	U	500.	J	750.	U
85-68-7	Butylbenzylphthalate	810.	U	760.	U	760.	U	750.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U	1500.	U	1500.	U	1500.	U
56-55-3	Benzo(a)anthracene	810.	U	760.	U	760.	U	750.	U
218-01-9	Chrysene	810.	U	760.	U	410.	J	750.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	810.	U	760.	U	760.	U	750.	U
117-84-0	Di-n-octyl phthalate	810.	U	760.	U	760.	U	750.	U
205-99-2	Benzo(b)fluoranthene	810.	U	760.	U	530.	J	750.	U
207-08-9	Benzo(k)fluoranthene	810.	U	760.	U	380.	J	750.	U
50-32-8	Benzo(a)pyrene	810.	U	760.	U	310.	J	750.	U
193-39-5	Indeno(1,2,3-cd)pyrene	810.	U	760.	U	310.	J	750.	U
53-70-3	Dibenz(a,h)anthracene	810.	U	760.	U	760.	U	750.	U
191-24-2	Benzo(g,h,i)perylene	810.	U	760.	U	760.	U	750.	U
95-53-4	o-Toluidine	1600.	U	1500.	U	1500.	U	1500.	U
1888-71-7	Hexachloropropene	810.	U	760.	U	760.	U	750.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	810.	U	760.	U	760.	U	750.	U
608-93-5	Pentachlorobenzene	810.	U	760.	U	760.	U	750.	U
91-59-8	2-Naphthylamine	4000.	U	3800.	U	3800.	U	3700.	U
134-32-7	1-Naphthylamine	4000.	U	3800.	U	3800.	U	3700.	U
297-97-2	Thionazin	4000.	U	3800.	U	3800.	U	3700.	U
99-55-8	5-Nitro-o-toluidine	4000.	U	3800.	U	3800.	U	3700.	U
2303-16-4	Diallate	1600.	U	1500.	U	1500.	U	1500.	U
298-02-2	Phorate	1600.	U	1500.	U	1500.	U	1500.	U
62-44-2	Phenacetin	1600.	U	1500.	U	1500.	U	1500.	U
60-51-5	Dimethoate	1600.	U	1500.	U	1500.	U	1500.	U
92-67-1	4-Aminobiphenyl	4000.	U	3800.	U	3800.	U	3700.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

P9-SVOA

SAMPLE ID ------->		GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01	
ORIGINAL ID ----->		GDACB00302		GDACB00501		GDACB00701		GDACB01101	
LAB SAMPLE ID --->		L5542-3		L5557-5		L5557-4		L5557-6	
ID FROM REPORT -->		GDACB00302		GDACB00501		GDACB00701		GDACB01101	
SAMPLE DATE ----->		10/05/95		10/09/95		10/09/95		10/09/95	
DATE EXTRACTED -->		10/17/95		10/17/95		10/17/95		10/17/95	
DATE ANALYZED --->		10/28/95		10/30/95		10/30/95		10/28/95	
MATRIX ---------->		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL
23950-58-5	Pronamide	1600.	U	1500.	U	1500.	U	1500.	U
298-04-4	Disulfoton	1600.	U	1500.	U	1500.	U	1500.	U
298-00-0	Methyl parathion	4000.	UJ	3800.	UR	3800.	UR	3700.	UJ
56-38-2	Parathion	1600.	UJ	1500.	UR	1500.	UR	1500.	UJ
140-57-8	Aramite	1600.	U	1500.	U	1500.	U	1500.	U
510-15-6	Chlorobenzilate	1600.	U	1500.	U	1500.	U	1500.	U
119-93-7	3,3-Dimethylbenzidine	24000.	U	23000.	U	23000.	U	23000.	U
52-85-7	Famphur	810.	U	760.	U	760.	U	750.	U
53-96-3	Acetamidofluorene	1600.	U	1500.	U	1500.	U	1500.	U
70-30-4	Hexachlorophene	13000.	U	13000.	U	13000.	U	12000.	U
56-49-5	3-Methyl cholanthrene	1600.	U	1500.	U	1500.	U	1500.	U
110-86-1	Pyridine	1600.	U	1500.	U	1500.	U	1500.	U
76-01-7	Pentachloroethane	810.	U	760.	U	760.	U	750.	U
62-75-9	N-Nitrosodimethylamine	1600.	U	1500.	U	1500.	U	1500.	U
109-06-8	2-Picoline	2800.	U	2600.	U	2600.	U	2600.	U
10595-95-6	N-Nitrosomethylethylamine	1600.	U	1500.	U	1500.	U	1500.	U
66-27-3	Methyl methanesulfonate	810.	U	760.	U	760.	U	750.	U
55-18-5	N-Nitrosodiethylamine	1600.	U	1500.	U	1500.	U	1500.	U
62-50-0	Ethyl methanesulfonate	810.	U	760.	U	760.	U	750.	U
62-53-3	Aniline	1600.	U	1500.	U	1500.	U	1500.	U
930-55-2	N-Nitrosopyrrolidine	1600.	U	1500.	U	1500.	U	1500.	U
59-89-2	N-Nitrosomorpholine	1600.	U	1500.	U	1500.	U	1500.	U
98-86-2	Acetophenone	810.	U	760.	U	760.	U	750.	U
87-65-0	2,6-Dichlorophenol	1600.	U	1500.	U	1500.	U	1500.	U
100-75-4	N-Nitrosopiperidine	1600.	U	1500.	U	1500.	U	1500.	U
924-16-3	N-Nitroso-di-n-butylamine	1600.	U	1500.	U	1500.	U	1500.	U
120-58-1	Isosafrole	810.	U	760.	U	760.	U	750.	U
94-59-7	Safrole	810.	U	760.	U	760.	U	750.	U
130-15-4	1,4-Naphthoquinone	1600.	U	1500.	U	1500.	U	1500.	U
99-65-0	1,3-Dinitrobenzene	1600.	U	1500.	U	1500.	U	1500.	U
58-90-2	2,3,4,6-Tetrachlorophenol	4000.	U	3800.	U	3800.	U	3700.	U
99-35-4	1,3,5-Trinitrobenzene	1600.	U	1500.	UJ	1500.	UJ	1500.	U
82-68-8	Pentachloronitrobenzene	810.	U	760.	U	760.	U	750.	U
88-85-7	Dinoseb	2400.	U	2300.	U	2300.	U	2300.	U
3689-24-5	Sulfotep	1600.	U	1500.	U	1500.	U	1500.	U
126-68-1	O,O,O-Triethylphosphorothioate	1600.	U	1500.	U	1500.	U	1500.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

9-SVOA

	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	LAB SAMPLE ID --->	L5542-3		L5557-5		L5557-4		L5557-6			
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95			
	DATE EXTRACTED -->	10/17/95		10/17/95		10/17/95		10/17/95			
	DATE ANALYZED --->	10/28/95		10/30/95		10/30/95		10/28/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL		
60-11-7	p-(Dimethylamino)azobenzene	1600.	U	1500.	U	1500.	U	1500.	U		
57-97-6	7,12-Dimethylbenz(a)anthracene	810.	U	760.	U	760.	U	750.	U		
56-57-5	4-Nitroquinoline 1-oxide	1600.	U	1500.	U	1500.	U	1500.	U		
108-39-4	3-Methylphenol (m-Cresol)	1600.	U	1500.	U	1500.	U	1500.	U		
99900-32-2	3-Methylphenol/4-Methylphenol	1600.	U	1500.	U	1500.	U	1500.	U		
91-80-5	Methapyrilene	1600.	U	1500.	U	1500.	U	1500.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR			

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 PEST											
	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	LAB SAMPLE ID --->	L5542-3		L5557-5		L5557-4		L5557-6			
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95			
	DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95			
	DATE ANALYZED --->	11/03/95		11/04/95		11/04/95		11/04/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL		
319-84-6	alpha-BHC	2.	U	2.	U	2.	U	1.9	U		
319-85-7	beta-BHC	2.	U	2.	UJ	2.	U	1.9	UJ		
319-86-8	delta-BHC	2.	U	2.	UJ	2.	U	1.9	UJ		
58-89-9	gamma-BHC (Lindane)	2.	U	2.	U	2.	U	1.9	U		
76-44-8	Heptachlor	2.	U	2.	U	2.	U	1.9	U		
309-00-2	Aldrin	2.	U	2.	UJ	2.	U	1.9	UJ		
1024-57-3	Heptachlor epoxide	2.	U	2.	UJ	1.9	J	1.9	UJ		
959-98-8	Endosulfan I	2.	U	2.	U	2.	U	1.9	U		
60-57-1	Dieldrin	4.	U	4.	U	4.	U	3.6	U		
72-55-9	4,4'-DDE	4.	U	4.	UJ	48.		3.6	UJ		
72-20-8	Endrin	4.	U	4.	U	4.	U	3.6	U		
33213-65-9	Endosulfan II	4.	U	4.	UJ	4.	U	3.6	UJ		
72-54-8	4,4'-DDD	4.	U	4.	U	4.	U	3.6	U		
1031-07-8	Endosulfan sulfate	4.	U	4.	UJ	4.	U	3.6	UJ		
50-29-3	4,4'-DDT	4.	U	6.7	J	4.	U	18.	J		
72-43-5	Methoxychlor	20.	U	20.	U	20.	U	19.	U		
53494-70-5	Endrin ketone	4.	U	4.	U	4.	U	3.6	U		
7421-93-4	Endrin aldehyde	4.	U	4.	UJ	4.	U	3.6	UJ		
5103-71-9	alpha-Chlordane	2.	U	2.	UJ	1.1	J	1.9	UJ		
5103-74-2	gamma-Chlordane	2.	U	2.	UJ	4.7		1.9	UJ		
8001-35-2	Toxaphene	200.	U	200.	U	200.	U	190.	U		
12674-11-2	Aroclor-1016	16.	U	16.	U	16.	U	14.	U		
11104-28-2	Aroclor-1221	16.	U	16.	U	16.	U	14.	U		
11141-16-5	Aroclor-1232	16.	U	16.	U	16.	U	14.	U		
53469-21-9	Aroclor-1242	16.	U	16.	U	16.	U	14.	U		
12672-29-6	Aroclor-1248	16.	U	16.	U	16.	U	14.	U		
11097-69-1	Aroclor-1254	16.	U	16.	U	16.	U	14.	U		
11096-82-5	Aroclor-1260	16.	U	16.	U	16.	U	14.	U		
57-74-9	Chlordane	48.	U	48.	U	48.	U	44.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9 VOA

	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01	
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101	
	LAB SAMPLE ID --->	L5542-2		L5557-2		L5557-1		L5557-3	
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101	
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/14/95		10/18/95		10/18/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL
74-87-3	Chloromethane	12.	U	11.	U	12.	UJ	11.	U
75-01-4	Vinyl chloride	12.	U	11.	U	12.	UJ	11.	U
74-83-9	Bromomethane	12.	U	11.	U	12.	UJ	11.	U
75-00-3	Chloroethane	12.	U	11.	U	12.	UJ	11.	U
75-69-4	Trichlorofluoromethane	6.2	U	5.7	U	5.8	UJ	5.7	U
67-64-1	Acetone	12.	J	110.	U	120.	UJ	45.	J
75-35-4	1,1-Dichloroethene	6.2	U	5.7	U	5.8	UJ	5.7	U
75-15-0	Carbon disulfide	6.2	U	5.7	U	5.8	UJ	5.7	U
75-09-2	Methylene chloride	6.2	U	5.7	U	5.8	UJ	5.7	U
156-60-5	trans-1,2-Dichloroethene	6.2	U	5.7	U	5.8	UJ	5.7	U
108-05-4	Vinyl acetate	6.2	U	5.7	U	5.8	UJ	5.7	U
75-34-3	1,1-Dichloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
78-93-3	2-Butanone (MEK)	62.	U	1.4	J	58.	UJ	7.8	J
67-66-3	Chloroform	6.2	U	5.7	U	5.8	UJ	5.7	U
71-55-6	1,1,1-Trichloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
56-23-5	Carbon tetrachloride	6.2	U	5.7	U	5.8	UJ	5.7	U
107-06-2	1,2-Dichloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
71-43-2	Benzene	6.2	U	5.7	U	5.8	UJ	5.7	U
79-01-6	Trichloroethene	6.2	U	2.2	J	1.8	J	1.2	J
78-87-5	1,2-Dichloropropane	6.2	U	5.7	U	5.8	UJ	5.7	U
75-27-4	Bromodichloromethane	6.2	U	5.7	U	5.8	UJ	5.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	62.	U	57.	U	58.	UJ	57.	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U	5.7	U	5.8	UJ	5.7	U
108-88-3	Toluene	1.3	J	5.7	U	5.8	UJ	5.7	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U	5.7	U	5.8	UJ	5.7	U
591-78-6	2-Hexanone	62.	U	57.	U	58.	UJ	57.	U
79-00-5	1,1,2-Trichloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
127-18-4	Tetrachloroethene	6.2	U	5.7	UJ	5.8	UJ	5.7	U
124-48-1	Dibromochloromethane	6.2	U	5.7	UJ	5.8	UJ	5.7	U
108-90-7	Chlorobenzene	6.2	U	5.7	UJ	5.8	UJ	5.7	U
100-41-4	Ethylbenzene	6.2	U	5.7	UJ	5.8	UJ	5.7	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR	
95-47-6	o-Xylene	6.2	U	5.7	UJ	5.8	UJ	5.7	U
100-42-5	Styrene	6.2	U	5.7	UJ	5.8	UJ	5.7	U
75-25-2	Bromoform	6.2	U	5.7	U	5.8	UJ	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
541-73-1	1,3-Dichlorobenzene	6.2	U	5.7	U	5.8	UJ	5.7	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01	
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101	
	LAB SAMPLE ID --->	L5542-2		L5557-2		L5557-1		L5557-3	
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101	
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/14/95		10/18/95		10/18/95		10/19/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL
106-46-7	1,4-Dichlorobenzene	6.2	U	5.7	U	5.8	UJ	5.7	U
95-50-1	1,2-Dichlorobenzene	6.2	U	5.7	U	5.8	UJ	5.7	U
75-05-8	Acetonitrile	62.	UJ	57.	U	58.	UJ	57.	U
107-02-8	Acrolein	62.	U	57.	U	58.	UJ	57.	U
107-13-1	Acrylonitrile	62.	U	57.	U	58.	UJ	57.	U
107-05-1	3-Chloropropene	25.	U	23.	U	23.	UJ	23.	U
106-93-4	1, 2-Dibromoethane	6.2	U	5.7	U	5.8	UJ	5.7	U
74-95-3	Methylene bromide	6.2	U	5.7	U	5.8	UJ	5.7	U
96-12-8	1,2-Dibromo-3-Chloropropane	120.	U	110.	U	120.	UJ	110.	U
110-57-6	trans-1,4-Dichloro-2-butene	120.	U	110.	U	120.	UJ	110.	U
75-71-8	Dichlorodifluoromethane	6.2	U	5.7	U	5.8	UJ	5.7	U
123-91-1	1,4-Dioxane	120.	UR	110.	UR	120.	UR	110.	UR
107-12-0	Propionitrile	12.	U	11.	U	12.	UJ	11.	U
97-63-2	Ethyl methacrylate	6.2	U	5.7	U	5.8	UJ	5.7	U
74-88-4	Methyl iodide	6.2	U	5.7	U	5.8	UJ	5.7	U
78-83-1	Isobutyl alcohol	120.	UR	110.	U	120.	UJ	110.	U
126-98-7	Methacrylonitrile	6.2	U	5.7	U	5.8	UJ	5.7	U
80-62-6	Methyl methacrylate	6.2	U	5.7	U	5.8	UJ	5.7	U
630-20-6	1,1,1,2-Tetrachloroethane	6.2	U	5.7	U	5.8	UJ	5.7	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U	5.7	U	5.8	UJ	5.7	U
96-18-4	1,2,3-Trichloropropane	6.2	U	5.7	U	5.8	UJ	5.7	U
540-59-0	1,2-Dichloroethene (total)	6.2	U	5.7	U	5.8	U	5.7	U
110-75-8	2-Chloroethyl vinyl ether	6.2	U	5.7	U	5.8	U	5.7	U
126-99-8	Chloroprene	6.2	U	5.7	U	5.8	U	5.7	U
76-01-7	Pentachloroethane	6.2	U	5.7	U	5.8	U	5.7	U
71-36-3	n-Butyl alcohol	6.2	U	5.7	U	5.8	U	5.7	U
99900-05-0	m+p Xylene	6.2	U	5.7	UJ	5.8	UJ	5.7	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

PX9-HERB

SAMPLE ID ------->		GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
ORIGINAL ID ----->		GDACB00302		GDACB00501		GDACB00701		GDACB01101			
LAB SAMPLE ID --->		L5542-3		L5557-5		L5557-4		L5557-6			
ID FROM REPORT -->		GDACB00302		GDACB00501		GDACB00701		GDACB01101			
SAMPLE DATE ----->		10/05/95		10/09/95		10/09/95		10/09/95			
DATE EXTRACTED -->		10/16/95		10/16/95		10/16/95		10/16/95			
DATE ANALYZED --->		10/25/95		10/26/95		10/26/95		10/26/95			
MATRIX ---------->		Soil		Soil		Soil		Soil			
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL		
94-75-7	2,4-D	180.	U	180.	U	170.	U	180.	U		
93-72-1	2,4,5-TP (Silvex)	60.	U	60.	U	55.	U	60.	U		
93-76-5	2,4,5-T	60.	U	60.	U	55.	U	60.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ARSENIC										
	SAMPLE ID ------->	GDA-S-B0A6-01		GDA-S-B0B6-01		GDA-S-B0C6-01				
	ORIGINAL ID ----->	B0A601		B0B601		B0C601				
	LAB SAMPLE ID --->	7624-01		7624-02		7624-03				
	ID FROM REPORT -->	B0A601		B0B601		B0C601				
	SAMPLE DATE ----->	04/30/97		04/30/97		04/30/97				
	DATE EXTRACTED -->	05/07/97		05/07/97		05/07/97				
	DATE ANALYZED --->	05/09/97		05/09/97		05/09/97				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	7624	NV	7624	NV	7624	NV			
7440-38-2	Arsenic (As)	15.3	J	7.2	J	6.4	J			

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-23		L5545-24		L5545-29		L5545-30		L5545-25		L5545-28	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE EXTRACTED -->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	DATE ANALYZED --->	10/12/95		10/12/95		10/12/95		10/12/95		10/12/95		10/12/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5545I	VAL	L5545I	VAL	L5545I	VAL	L5545I	VAL	L5545I	VAL	L5545I	VAL
57-12-5	Cyanide (CN)	1.1	U	1.5	U	1.3	U	1.2	U	1.2	U	1.2	U

*** Validatio_ Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
	SAMPLE ID ------->	GDA-C-B003-02		GDA-S-B005-01		GDA-C-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02	
	ORIGINAL ID ----->	GDACB00302		GDASB00501		GDACB00501		GDASB00502		GDASB00601		GDASB00602	
	LAB SAMPLE ID --->	L5542-1		L5563-98		L5557-8		L5563-99		L5563-100		L5563-101	
	ID FROM REPORT -->	GDACB00302		GDASB00501		GDACB00501		GDASB00502		GDASB00601		GDASB00602	
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/12/95		10/18/95		10/16/95		10/18/95		10/18/95		10/18/95	
	DATE ANALYZED --->	10/12/95		10/18/95		10/16/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5542I	VAL	L5563I	VAL	L5557I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)	1.2	U	1.2	U	1.2	U	1.5	U	1.4	U	1.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-S-B007-01		GDA-C-B007-01		GDA-S-B007-02		GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01	
	ORIGINAL ID ----->	GDASB00701		GDACB00701		GDASB00702		GDASB00801		GDASB00802		GDASB00901	
	LAB SAMPLE ID --->	L5563-96		L5557-7		L5563-97		L5563-102		L5563-103		L5563-104	
	ID FROM REPORT -->	GDASB00701		GDACB00701		GDASB00702		GDASB00801		GDASB00802		GDASB00901	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/18/95		10/16/95		10/18/95		10/18/95		10/18/95		10/18/95	
	DATE ANALYZED --->	10/18/95		10/16/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563I	VAL	L5557I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	1.1	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
		SAMPLE ID ------->	GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01		GDA-C-B011-01		GDA-S-B011-02		GDA-S-B012-01
		ORIGINAL ID ----->	GDASB00902		GDASB01001		GDASB01101		GDACB01101		GDASB01102		GDASB01201
		LAB SAMPLE ID --->	L5563-105		L5563-107		L5563-114		L5557-9		L5563-115		L5563-108
		ID FROM REPORT -->	GDASB00902		GDASB01001		GDASB01101		GDACB01101		GDASB01102		GDASB01201
		SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95
		DATE EXTRACTED -->	10/18/95		10/18/95		10/18/95		10/16/95		10/18/95		10/18/95
		DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/16/95		10/18/95		10/18/95
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter		L5563I	VAL	L5563I	VAL	L5563I	VAL	L5557I	VAL	L5563I	VAL	L5563I	VAL
57-12-5	Cyanide (CN)		1.3	U	1.1	U	1.1	U	1.2	U	1.5	U	1.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01		GDA-S-B014-02	
	ORIGINAL ID ----->	GDASB01202		GDASB01301		GDASB01302		GDASB01401		GDASB01402	
	LAB SAMPLE ID --->	L5563-109		L5563-117		L5563-119		L5586-31		L5586-32	
	ID FROM REPORT -->	GDASB01202		GDASB01301		GDASB01302		GDASB01401		GDASB01402	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563I	VAL	L5563I	VAL	L5563I	VAL	L5586I	VAL	L5586I	VAL
57-12-5	Cyanide (CN)	1.3	U	1.1	U	1.2	U	1.1	U	1.2	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01		
ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101		
LAB SAMPLE ID --->	107-202-8		107-202-12		107-202-11		107-202-13		
ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101		
SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95		
DATE EXTRACTED -->	10/13/95		10/13/95		10/13/95		10/13/95		
DATE ANALYZED --->	10/18/95		10/18/95		10/18/95		10/18/95		
MATRIX ---------->	Soil		Soil		Soil		Soil		
UNITS ---------->	NG/KG		NG/KG		NG/KG		NG/KG		
CAS # Parameter	L5557	VAL	L5557	VAL	L5557	VAL	L5557	VAL	
1746-01-6 2378-TCDD	0.2	U	0.2	U	0.87		0.09	U	
40321-76-4 12378-PeCDD	0.3	U	0.3	U	0.92		0.2	U	
39227-28-6 123478-HxCDD	0.18		0.29		1.9		0.13	EMPC	
57653-85-7 123678-HxCDD	0.22		0.51	EMPC	4.7		0.17	EMPC	
19408-74-3 123789-HxCDD	0.24	EMPC	0.82		2.6		0.41		
35822-46-9 1234678-HpCDD	4.7		20.5		160.		7.3		
3268-87-9 OCDD	472.		1430.		1570.		1060.		
51207-31-9 2378-TCDF	0.2	U	0.46		1.8		0.08	U	
57117-41-6 12378-PeCDF	0.2	U	0.2	U	0.63		0.1	U	
57117-31-4 23478-PeCDF	0.2	U	0.15	EMPC	1.		0.1	U	
70648-26-9 123478-HxCDF	0.18		0.3		2.8		0.1	U	
57117-44-9 123678-HxCDF	0.17		0.11	EMPC	1.4		0.08	U	
60851-34-5 234678-HxCDF	0.4		0.48	EMPC	1.5	EMPC	0.2	EMPC	
72918-21-9 123789-HxCDF	0.2	U	0.2	U	0.2	U	0.1	U	
67562-39-4 1234678-HpCDF	0.59	EMPC	2.2		27.8		0.1	U	
55673-89-7 1234789-HpCDF	0.11	EMPC	0.13		1.2	EMPC	0.1	U	
39001-02-0 OCDF	1.6		7.9		95.		0.3	U	
41903-57-5 Total Tetra-Dioxins	1.5	EMPC	2.5	EMPC	4.4		0.33	EMPC	
36088-22-9 Total Penta-Dioxins	0.57	EMPC	1.7	EMPC	10.9	EMPC	0.36		
34465-46-8 Total Hexa-Dioxins	7.5	EMPC	12.9	EMPC	78.5		4.9	EMPC	
37871-00-4 Total Hepta-Dioxins	18.6		81.3		699.		19.		
55722-27-5 Total Tetra-Furans	0.2	U	1.9	EMPC	14.	EMPC	0.08	U	
30602-15-4 Total Penta-Furans	0.2	U	0.94	EMPC	11.7		0.1	U	
55684-94-1 Total Hexa-Furans	1.3		3.2	EMPC	42.9	EMPC	0.2	EMPC	
38998-75-3 Total Hepta-Furans	1.5	EMPC	6.6		71.9		0.1	U	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHRONE											
	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	LAB SAMPLE ID --->	L5542-1		L5557-8		L5557-7		L5557-9			
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95			
	DATE EXTRACTED -->	10/06/95		10/10/95		10/10/95		10/10/95			
	DATE ANALYZED --->	10/06/95		10/10/95		10/10/95		10/10/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	L5542I	VAL	L5557I	VAL	L5557I	VAL	L5557I	VAL		
18540-29-9	Chromium (Hexavalent)	0.025	U	0.023	U	0.023	U	0.023	U		

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OP PEST											
	SAMPLE ID ------->	GDA-C-B003-02		GDA-C-B005-01		GDA-C-B007-01		GDA-C-B011-01			
	ORIGINAL ID ----->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	LAB SAMPLE ID --->	L5542-3		L5557-5		L5557-4		L5557-6			
	ID FROM REPORT -->	GDACB00302		GDACB00501		GDACB00701		GDACB01101			
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95			
	DATE EXTRACTED -->	10/17/95		10/17/95		10/17/95		10/17/95			
	DATE ANALYZED --->	10/24/95		10/30/95		10/30/95		10/30/95			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	L5542	VAL	L5557	VAL	L5557	VAL	L5557	VAL		
60-51-5	Dimethoate	60.	U	60.	U	60.	U	60.	U		
298-04-4	Disulfoton	60.	U	60.	U	60.	U	60.	U		
52-85-7	Famphur	60.	U	60.	U	60.	U	60.	U		
56-38-2	Parathion	60.	U	60.	U	60.	U	60.	U		
298-00-0	Methyl parathion	60.	U	60.	U	60.	U	60.	U		
298-02-2	Phorate	60.	UJ	60.	U	60.	U	60.	U		
3689-24-5	Sulfotep	60.	UJ	60.	U	60.	U	60.	U		
297-97-2	Thionazin	60.	UJ	60.	U	60.	U	60.	U		
126-68-1	O,O,O-Triethylphosphorothioate	60.	U	60.	U	60.	U	60.	U		

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-23		L5545-24		L5545-29		L5545-30		L5545-25		L5545-28	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE EXTRACTED -->	10/14/95		10/14/95		10/14/95		10/14/95		10/14/95		10/14/95	
	DATE ANALYZED --->	10/21/95		10/21/95		10/21/95		10/21/95		10/21/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5545S	VAL	L5545S	VAL	L5545S	VAL	L5545S	VAL	L5545S	VAL	L5545S	VAL
7429-90-5	Aluminum (Al)	6010.		8180.		3640.		7750.		7470.		11700.	
7440-36-0	Antimony (Sb)	11.6	U	14.5	U	13.1	U	11.7	U	11.9	U	12.6	U
7440-38-2	Arsenic (As)	6.6		6.9		1.7	J	1.1	J	4.		4.	
7440-39-3	Barium (Ba)	19.3	J	16.2	J	6.5	J	20.2	J	22.4	J	13.1	J
7440-41-7	Beryllium (Be)	0.23	U	0.28	U	0.26	U	0.23	U	0.23	U	0.25	U
7440-43-9	Cadmium (Cd)	1.1	U	1.4	U	1.3	U	1.2	U	1.2	U	1.2	U
7440-70-2	Calcium (Ca)	3360.		166000.		4410.		1090.	J	44400.		2740.	
7440-47-3	Chromium (Cr)	8.		36.3		5.7		7.4		18.5		13.4	
7440-48-4	Cobalt (Co)	1.4	U	1.7	U	1.5	U	1.4	U	1.7	J	1.5	U
7440-50-8	Copper (Cu)	6.2		8.8		2.2	J	2.3	J	24.8		2.7	J
7439-89-6	Iron (Fe)	4560.		8170.		1530.		2610.		7570.		9870.	
7439-92-1	Lead (Pb)	19.2		4.2		4.1		4.3		57.9		5.6	
7439-95-4	Magnesium (Mg)	231.	J	4270.		231.	J	269.	J	955.	J	356.	J
7439-96-5	Manganese (Mn)	26.1		30.3		8.7		10.4		66.1		12.1	
7439-97-6	Mercury (Hg)	0.11	U	0.15	U	0.13	U	0.12	U	0.12	U	0.12	U
7440-02-0	Nickel (Ni)	3.2	U	15.1		3.6	U	3.4	J	9.6		3.5	U
7440-09-7	Potassium (K)	128.	J	566.	J	133.	UJ	120.	UJ	313.	J	248.	J
7782-49-2	Selenium (Se)	0.67	U	2.6		0.78	U	0.71	U	0.7	J	0.83	J
7440-22-4	Silver (Ag)	0.68	U	0.85	U	0.77	U	1.	J	0.7	U	0.74	U
7440-23-5	Sodium (Na)	207.	J	823.	J	255.	J	259.	J	315.	J	261.	J
7440-28-0	Thallium (Tl)	0.89	U	1.2	U	1.	U	0.95	U	0.93	UJ	0.97	U
7440-62-2	Vanadium (V)	10.4	J	24.		4.9	J	9.3	J	13.5		18.7	
7440-66-6	Zinc (Zn)	37.5		39.1		4.5	J	6.		130.		9.2	
7440-31-5	Tin (Sn)	8.4	U	10.5	U	9.5	U	8.5	U	8.6	U	9.1	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META															
	SAMPLE ID ------->	GDA-C-B003-02		GDA-S-B005-01		GDA-C-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02	
	ORIGINAL ID ----->	GDACB00302		GDASB00501		GDACB00501		GDASB00502		GDASB00601		GDASB00602	
	LAB SAMPLE ID --->	L5542-1		L5563-98		L5557-8		L5563-99		L5563-100		L5563-101	
	ID FROM REPORT -->	GDACB00302		GDASB00501		GDACB00501		GDASB00502		GDASB00601		GDASB00602	
	SAMPLE DATE ----->	10/05/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/14/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/21/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5542S	VAL	L5563S	VAL	L5557S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	12900.		10900.		9440.		5780.		5650.		9430.	
7440-36-0	Antimony (Sb)	12.3	U	12.3	U	11.7	UJ	15.2	U	13.6	U	12.3	U
7440-38-2	Arsenic (As)	3.3		5.2		6.	J	5.6		30.1		3.3	
7440-39-3	Barium (Ba)	13.8	J	24.	J	20.7	J	10.9	J	46.5	J	22.6	J
7440-41-7	Beryllium (Be)	0.24	U	0.24	U	0.23	U	0.3	U	0.32	J	0.24	U
7440-43-9	Cadmium (Cd)	1.2	U	1.2	U	1.1	U	1.5	U	1.3	U	1.2	U
7440-70-2	Calcium (Ca)	1740.		78900.	J	51600.		262000.	J	5160.	J	837.	J
7440-47-3	Chromium (Cr)	12.9		34.4	J	31.3		55.4	J	20.	J	13.3	J
7440-48-4	Cobalt (Co)	1.6	J	1.4	U	1.4	U	1.8	U	4.4	J	1.4	U
7440-50-8	Copper (Cu)	1.9	J	7.6		8.4		11.2		70.9		3.2	J
7439-89-6	Iron (Fe)	9390.		7090.	J	6470.		5180.	J	13700.	J	8550.	J
7439-92-1	Lead (Pb)	8.3		14.5		14.6		2.8		93.1		12.2	
7439-95-4	Magnesium (Mg)	360.	J	3150.	J	2100.		10200.	J	443.	J	474.	J
7439-96-5	Manganese (Mn)	11.2		44.9	J	32.7		40.7	J	62.2	J	15.7	J
7439-97-6	Mercury (Hg)	0.12	U	0.12	UJ	0.12	U	0.15	UJ	0.3	J	0.12	UJ
7440-02-0	Nickel (Ni)	3.4	U	13.7		10.1		28.5		14.1		3.4	U
7440-09-7	Potassium (K)	322.	J	675.	J	535.	J	1100.	J	213.	J	279.	J
7782-49-2	Selenium (Se)	0.72	U	0.74	U	1.2	J	0.95	J	0.79	UJ	0.77	J
7440-22-4	Silver (Ag)	0.72	U	0.72	U	0.69	U	0.89	U	0.8	U	0.72	U
7440-23-5	Sodium (Na)	238.	J	653.	J	574.	J	1550.		269.	J	248.	J
7440-28-0	Thallium (Tl)	0.97	U	0.98	U	0.92	U	1.2	U	1.1	U	0.93	U
7440-62-2	Vanadium (V)	21.3		22.3		18.		33.4		19.7		18.6	
7440-66-6	Zinc (Zn)	8.2		58.		80.1		60.7		94.7		14.7	
7440-31-5	Tin (Sn)	8.9	U	8.9	U	8.5	U	11.	U	9.9	U	8.9	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	GDA-S-B007-01		GDA-C-B007-01		GDA-S-B007-02		GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01	
	ORIGINAL ID ----->	GDASB00701		GDACB00701		GDASB00702		GDASB00801		GDASB00802		GDASB00901	
	LAB SAMPLE ID --->	L5563-96		L5557-7		L5563-97		L5563-102		L5563-103		L5563-104	
	ID FROM REPORT -->	GDASB00701		GDACB00701		GDASB00702		GDASB00801		GDASB00802		GDASB00901	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/16/95		10/16/95		10/16/95		10/16/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5557S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	5260.		5270.		11000.		6850.		3850.		7270.	
7440-36-0	Antimony (Sb)	12.1	U	11.5	UJ	12.2	U	11.6	U	11.9	U	11.3	U
7440-38-2	Arsenic (As)	8.2		6.7		4.1		3.9		1.6	J	4.5	
7440-39-3	Barium (Ba)	21.6	J	23.2	J	15.4	J	18.5	J	5.7	J	34.2	J
7440-41-7	Beryllium (Be)	0.24	U	0.23	U	0.24	U	0.23	U	0.23	U	0.22	U
7440-43-9	Cadmium (Cd)	1.2	U	1.1	U	1.2	U	1.1	U	1.2	U	1.1	U
7440-70-2	Calcium (Ca)	22400.	J	26700.		1010.	J	804.	J	3500.	J	1390.	J
7440-47-3	Chromium (Cr)	13.2	J	15.4		13.8	J	11.5	J	6.3	J	14.8	J
7440-48-4	Cobalt (Co)	1.6	J	1.5	J	1.4	U	1.4	U	1.6	J	1.3	U
7440-50-8	Copper (Cu)	39.3		42.		2.7	J	30.		1.1	J	17.4	
7439-89-6	Iron (Fe)	6320.	J	7450.		7810.	J	5810.	J	2550.	J	8740.	J
7439-92-1	Lead (Pb)	72.3		65.7		8.5		51.2		2.6		67.4	
7439-95-4	Magnesium (Mg)	774.	J	729.	J	307.	J	279.	J	438.	J	421.	J
7439-96-5	Manganese (Mn)	53.9	J	60.5		7.5	J	24.5	J	16.5	J	40.1	J
7439-97-6	Mercury (Hg)	0.23	J	0.29		0.12	UJ	0.19	J	0.12	UJ	0.12	J
7440-02-0	Nickel (Ni)	7.5	J	7.9	J	3.3	U	4.8	J	3.8	J	5.2	J
7440-09-7	Potassium (K)	323.	J	294.	J	291.	J	149.	J	121.	U	213.	J
7782-49-2	Selenium (Se)	0.71	UJ	0.68	UJ	1.1	J	0.68	U	0.86	J	0.68	UJ
7440-22-4	Silver (Ag)	0.71	U	0.68	U	0.72	U	0.68	U	0.7	U	0.67	U
7440-23-5	Sodium (Na)	239.	J	239.	J	256.	J	208.	J	205.	J	212.	J
7440-28-0	Thallium (Tl)	0.95	U	0.91	U	0.94	U	0.91	U	0.93	U	0.91	U
7440-62-2	Vanadium (V)	14.7		16.7		22.9		16.5		5.6	J	18.9	
7440-66-6	Zinc (Zn)	89.9		92.7		8.		116.		12.9		58.5	
7440-31-5	Tin (Sn)	8.8	U	8.4	U	8.9	U	8.4	U	8.6	U	8.2	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META													
	SAMPLE ID ------->	GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01		GDA-C-B011-01		GDA-S-B011-02		GDA-S-B012-01	
	ORIGINAL ID ----->	GDASB00902		GDASB01001		GDASB01101		GDACB01101		GDASB01102		GDASB01201	
	LAB SAMPLE ID --->	L5563-105		L5563-107		L5563-114		L5557-9		L5563-115		L5563-108	
	ID FROM REPORT -->	GDASB00902		GDASB01001		GDASB01101		GDACB01101		GDASB01102		GDASB01201	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/17/95		10/16/95		10/17/95		10/16/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/25/95		10/25/95		10/25/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5557S	VAL	L5563S	VAL	L5563S	VAL
7429-90-5	Aluminum (Al)	14200.		9020.		11800.		10600.		7570.		7320.	
7440-36-0	Antimony (Sb)	13.	U	11.1	U	11.3	U	11.5	UJ	15.4	U	12.1	U
7440-38-2	Arsenic (As)	6.2		3.6		3.8		4.4		5.5		4.	
7440-39-3	Barium (Ba)	13.	J	25.3	J	22.9	J	20.1	J	13.8	J	15.6	J
7440-41-7	Beryllium (Be)	0.25	U	0.22	U	0.22	U	0.23	U	0.3	U	0.24	U
7440-43-9	Cadmium (Cd)	1.3	U	1.1	U	1.1	U	1.1	U	1.5	U	1.2	U
7440-70-2	Calcium (Ca)	491.	J	9450.	J	5120.	J	14900.		233000.	J	49300.	J
7440-47-3	Chromium (Cr)	31.8	J	12.9	J	20.6	J	16.1		63.4	J	25.9	J
7440-48-4	Cobalt (Co)	1.5	U	1.3	U	2.7	J	4.4	J	1.8	U	1.6	J
7440-50-8	Copper (Cu)	2.9	J	4.	J	15.9		8.6		12.9		9.3	
7439-89-6	Iron (Fe)	20900.	J	7040.	J	15700.	J	9120.		7180.	J	6420.	J
7439-92-1	Lead (Pb)	13.8		14.1		11.4		17.4		2.4		19.2	
7439-95-4	Magnesium (Mg)	1380.	J	628.	J	806.	J	956.	J	9520.	J	2040.	J
7439-96-5	Manganese (Mn)	21.7	J	23.7	J	25.5	J	22.4		38.9	J	48.	J
7439-97-6	Mercury (Hg)	0.13	UJ	0.11	UJ	0.11	UJ	0.12	U	0.15	UJ	0.12	UJ
7440-02-0	Nickel (Ni)	3.6	U	6.8	J	5.9	J	8.3	J	35.		15.4	
7440-09-7	Potassium (K)	804.	J	241.	J	418.	J	387.	J	1470.	J	420.	J
7782-49-2	Selenium (Se)	0.76	U	0.88	J	0.66	U	0.97	J	1.3	J	0.69	U
7440-22-4	Silver (Ag)	0.76	U	0.65	U	0.66	U	0.68	U	0.91	U	0.71	U
7440-23-5	Sodium (Na)	1460.		261.	J	313.	J	352.	J	1220.	J	411.	J
7440-28-0	Thallium (Tl)	1.	U	0.88	U	0.88	U	0.92	U	1.2	U	0.92	U
7440-62-2	Vanadium (V)	41.4		18.2		28.1		20.4		35.		18.4	
7440-66-6	Zinc (Zn)	16.6		17.3		32.1		27.6		65.6		50.4	
7440-31-5	Tin (Sn)	9.4	U	8.	U	8.2	U	8.3	U	11.2	U	8.8	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01		GDA-S-B014-02	
	ORIGINAL ID ----->	GDASB01202		GDASB01301		GDASB01302		GDASB01401		GDASB01402	
	LAB SAMPLE ID --->	L5563-109		L5563-117		L5563-119		L5586-31		L5586-32	
	ID FROM REPORT -->	GDASB01202		GDASB01301		GDASB01302		GDASB01401		GDASB01402	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/11/95		10/11/95	
	DATE EXTRACTED -->	10/16/95		10/17/95		10/17/95		10/21/95		10/21/95	
	DATE ANALYZED --->	10/25/95		10/25/95		10/25/95		10/27/95		10/27/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	L5563S	VAL	L5563S	VAL	L5563S	VAL	L5586S	VAL	L5586S	VAL
7429-90-5	Aluminum (Al)	17500.		7710.		4630.		8180.		7400.	
7440-36-0	Antimony (Sb)	12.8	U	11.6	U	12.4	U	11.3	U	11.7	U
7440-38-2	Arsenic (As)	6.		3.8		0.94	U	3.2		2.4	
7440-39-3	Barium (Ba)	24.5	J	18.9	J	10.7	J	21.4	J	31.	J
7440-41-7	Beryllium (Be)	0.25	U	0.23	U	0.24	U	0.22	U	0.23	U
7440-43-9	Cadmium (Cd)	1.3	U	2.8		1.2	U	1.1	U	1.1	U
7440-70-2	Calcium (Ca)	4580.	J	4260.	J	2630.	J	797.	J	31700.	
7440-47-3	Chromium (Cr)	41.6	J	11.8	J	7.6	J	10.		12.6	
7440-48-4	Cobalt (Co)	1.5	U	1.4	U	1.5	U	1.3	U	1.7	J
7440-50-8	Copper (Cu)	4.1	J	5.	J	2.1	J	7.		9.2	
7439-89-6	Iron (Fe)	37400.	J	5860.	J	2560.	J	6650.	J	9060.	J
7439-92-1	Lead (Pb)	9.6		31.4		8.5		15.7		25.6	
7439-95-4	Magnesium (Mg)	1300.	J	442.	J	245.	J	288.	J	859.	J
7439-96-5	Manganese (Mn)	21.2	J	25.4	J	11.1	J	17.9		91.	
7439-97-6	Mercury (Hg)	0.13	UJ	0.11	UJ	0.12	UJ	0.11	U	0.11	U
7440-02-0	Nickel (Ni)	4.5	J	3.2	J	3.6	J	5.2	J	9.1	
7440-09-7	Potassium (K)	593.	J	267.	J	126.	U	242.	J	312.	J
7782-49-2	Selenium (Se)	1.2	J	0.67	UJ	0.71	UJ	0.67	U	0.75	J
7440-22-4	Silver (Ag)	0.75	U	0.68	U	0.73	U	0.67	U	0.69	U
7440-23-5	Sodium (Na)	259.	J	227.	J	195.	J	195.	J	353.	J
7440-28-0	Thallium (Tl)	1.	U	0.9	U	0.94	U	0.89	U	0.91	U
7440-62-2	Vanadium (V)	48.8		11.7		5.5	J	13.9		10.9	J
7440-66-6	Zinc (Zn)	15.5		168.		31.3		124.		27.1	
7440-31-5	Tin (Sn)	9.3	U	8.4	U	9.2	J	8.2	U	8.5	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-13		L5545-14		L5545-19		L5545-20		L5545-15		L5545-18	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE EXTRACTED -->	10/15/95		10/15/95		10/15/95		10/15/95		10/15/95		10/15/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL
319-84-6	alpha-BHC	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
319-85-7	beta-BHC	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
319-86-8	delta-BHC	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
76-44-8	Heptachlor	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
309-00-2	Aldrin	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
1024-57-3	Heptachlor epoxide	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
5103-74-2	gamma-Chlordane	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
959-98-8	Endosulfan I	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
5103-71-9	alpha-Chlordane	1.9	U	2.6	U	2.2	UJ	2.	U	2.	U	2.	U
72-55-9	4,4'-DDE	7.8		5.	U	4.3	UJ	4.	U	52.		4.	U
50-29-3	4,4'-DDT	7.7	U	5.	U	4.3	UJ	4.7	U	14.	U	4.	U
60-57-1	Dieldrin	3.6	U	5.	U	4.3	UJ	4.	U	4.	U	4.	U
72-20-8	Endrin	3.6	U	5.	U	4.3	UJ	4.	U	4.	U	4.	U
33213-65-9	Endosulfan II	3.6	U	5.	U	4.3	UJ	4.	U	4.	U	4.	U
72-54-8	4,4'-DDD	3.6	U	5.	U	4.3	UJ	4.	U	43.		4.	U
7421-93-4	Endrin aldehyde	3.6	U	5.	U	4.3	UJ	4.	U	4.	U	4.	U
1031-07-8	Endosulfan sulfate	3.6	U	5.	U	4.3	UJ	4.	U	4.	U	4.	U
72-43-5	Methoxychlor	19.	U	26.	U	22.	UJ	20.	U	20.	U	20.	U
8001-35-2	Toxaphene	190.	U	260.	U	220.	UJ	200.	U	200.	U	200.	U
12674-11-2	Aroclor-1016	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
11104-28-2	Aroclor-1221	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
11141-16-5	Aroclor-1232	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
53469-21-9	Aroclor-1242	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
12672-29-6	Aroclor-1248	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
11097-69-1	Aroclor-1254	14.	U	20.	U	17.	UJ	16.	U	16.	U	16.	U
11096-82-5	Aroclor-1260	14.	U	20.	U	17.	UJ	16.	U	86.		16.	U
57-74-9	Chlordane	44.	U	60.	U	52.	UJ	48.	U	48.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	GDA-S-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02		GDA-S-B007-01		GDA-S-B007-02	
	ORIGINAL ID ----->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	LAB SAMPLE ID --->	L5563-50		L5563-51		L5563-52		L5563-53		L5563-48		L5563-49	
	ID FROM REPORT -->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/21/95		10/21/95		10/16/95		10/16/95		10/21/95		10/16/95	
	DATE ANALYZED --->	10/30/95		11/01/95		11/04/95		11/03/95		10/31/95		11/03/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
319-84-6	alpha-BHC	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
319-85-7	beta-BHC	3.1		2.6	U	2.4	UJ	2.	U	2.	U	2.	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
319-86-8	delta-BHC	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
76-44-8	Heptachlor	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
309-00-2	Aldrin	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
1024-57-3	Heptachlor epoxide	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
5103-74-2	gamma-Chlordane	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
959-98-8	Endosulfan I	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
5103-71-9	alpha-Chlordane	2.	U	2.6	U	2.4	UJ	2.	U	2.	U	2.	U
72-55-9	4,4'-DDE	4.	U	5.	U	60.	J	4.	U	72.		4.	U
50-29-3	4,4'-DDT	4.7		5.	U	4.6	UJ	4.6		21.		4.9	
60-57-1	Dieldrin	4.	U	5.	U	4.6	UJ	4.	U	4.	U	4.	U
72-20-8	Endrin	4.	U	5.	U	4.6	UJ	4.	U	4.	U	4.	U
33213-65-9	Endosulfan II	4.	U	5.	U	4.6	UJ	4.	U	4.	U	4.	U
72-54-8	4,4'-DDD	4.	U	5.	U	31.	J	4.	U	5.8		0.6	J
7421-93-4	Endrin aldehyde	4.	U	5.	U	4.6	UJ	4.	U	4.	U	4.	U
1031-07-8	Endosulfan sulfate	4.	U	5.	U	4.6	UJ	4.	U	4.	U	4.	U
72-43-5	Methoxychlor	20.	U	26.	U	24.	UJ	20.	U	20.	U	20.	U
8001-35-2	Toxaphene	200.	U	260.	U	240.	UJ	200.	U	200.	U	200.	U
12674-11-2	Aroclor-1016	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
11104-28-2	Aroclor-1221	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
11141-16-5	Aroclor-1232	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
53469-21-9	Aroclor-1242	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
12672-29-6	Aroclor-1248	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
11097-69-1	Aroclor-1254	16.	U	20.	U	18.	UJ	16.	U	16.	U	16.	U
11096-82-5	Aroclor-1260	16.	U	20.	U	18.	UJ	16.	U	54.		16.	U
57-74-9	Chlordane	48.	U	60.	U	56.	UJ	48.	U	48.	U	48.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01		GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01	
	ORIGINAL ID ----->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	LAB SAMPLE ID --->	L5563-54		L5563-55		L5563-56		L5563-58		L5563-59		L5563-67	
	ID FROM REPORT -->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/16/95		10/16/95		10/21/95		10/16/95		10/16/95		10/22/95	
	DATE ANALYZED --->	11/04/95		11/03/95		10/31/95		11/04/95		11/04/95		11/06/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
319-84-6	alpha-BHC	1.9	U	2.	U	8.7		2.2	U	1.9	UJ	1.9	U
319-85-7	beta-BHC	1.9	U	2.	U	31.		2.2	UJ	1.9	UJ	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.	U	1.9	U	2.2	U	1.9	UJ	1.9	U
319-86-8	delta-BHC	1.9	U	2.	U	4.7		2.2	UJ	1.9	UJ	1.9	U
76-44-8	Heptachlor	1.9	U	2.	U	1.9	U	2.2	U	1.9	UJ	1.9	U
309-00-2	Aldrin	1.9	U	2.	U	1.9	U	2.2	UJ	1.9	UJ	1.9	U
1024-57-3	Heptachlor epoxide	2.2	J	2.	U	5.8		2.2	UJ	1.9	UJ	1.9	U
5103-74-2	gamma-Chlordane	14.	J	2.	U	4.1		2.2	UJ	2.1	J	1.9	U
959-98-8	Endosulfan I	1.9	U	2.	U	1.9	U	2.2	U	1.9	UJ	1.9	U
5103-71-9	alpha-Chlordane	9.8	J	2.	U	1.6	J	2.2	UJ	1.6	J	1.9	U
72-55-9	4,4'-DDE	70.	J	4.	U	150.	D	4.3	UJ	2.4	J	3.6	U
50-29-3	4,4'-DDT	18.	J	4.	U	70.		2.7	J	3.6	UJ	50.	
60-57-1	Dieldrin	3.6	U	4.	U	3.6	U	4.3	U	3.6	UJ	3.6	U
72-20-8	Endrin	3.6	U	4.	U	3.6	U	4.3	U	3.6	UJ	3.6	U
33213-65-9	Endosulfan II	3.6	U	4.	U	3.6	U	4.3	UJ	3.6	UJ	3.6	U
72-54-8	4,4'-DDD	25.	J	4.	U	20.		4.3	U	8.9	J	3.6	U
7421-93-4	Endrin aldehyde	3.6	U	4.	U	3.6	U	4.3	UJ	3.6	UJ	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U	4.	U	3.6	U	4.3	UJ	3.6	UJ	3.6	U
72-43-5	Methoxychlor	19.	U	20.	U	19.	U	22.	U	19.	UJ	19.	U
8001-35-2	Toxaphene	190.	U	200.	U	190.	U	220.	U	190.	UJ	190.	U
12674-11-2	Aroclor-1016	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
11104-28-2	Aroclor-1221	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
11141-16-5	Aroclor-1232	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
53469-21-9	Aroclor-1242	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
12672-29-6	Aroclor-1248	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
11097-69-1	Aroclor-1254	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
11096-82-5	Aroclor-1260	14.	U	16.	U	14.	U	17.	U	14.	UJ	14.	U
57-74-9	Chlordane	44.	U	48.	U	44.	U	52.	U	44.	UJ	44.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

	SAMPLE ID ------->	GDA-S-B011-02		GDA-S-B012-01		GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01	
	ORIGINAL ID ----->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	LAB SAMPLE ID --->	L5563-68		L5563-60		L5563-62		L5563-69		L5563-70		L5586-17	
	ID FROM REPORT -->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/11/95	
	DATE EXTRACTED -->	10/22/95		10/22/95		10/22/95		10/22/95		10/22/95		10/22/95	
	DATE ANALYZED --->	11/06/95		11/06/95		11/06/95		11/06/95		11/06/95		11/07/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5586	VAL
319-84-6	alpha-BHC	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
319-85-7	beta-BHC	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
58-89-9	gamma-BHC (Lindane)	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
319-86-8	delta-BHC	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
76-44-8	Heptachlor	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
309-00-2	Aldrin	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
1024-57-3	Heptachlor epoxide	2.6	U	27.		2.2	U	1.9	U	2.	U	1.9	U
5103-74-2	gamma-Chlordane	2.6	U	53.		2.2	U	1.9	U	2.	U	1.9	U
959-98-8	Endosulfan I	2.6	U	2.	U	2.2	U	1.9	U	2.	U	1.9	U
5103-71-9	alpha-Chlordane	2.6	U	71.		2.1	J	1.9	U	2.	U	1.9	U
72-55-9	4,4'-DDE	5.	U	170.	D	4.3	U	3.6	U	4.	U	26.	J
50-29-3	4,4'-DDT	5.	U	42.		4.3	U	3.6	U	4.	U	3.6	UR
60-57-1	Dieldrin	5.	U	4.	U	4.3	U	3.6	U	4.	U	3.6	U
72-20-8	Endrin	5.	U	4.	U	4.3	U	3.6	U	4.	U	3.6	U
33213-65-9	Endosulfan II	5.	U	4.	U	4.3	U	3.6	U	4.	U	3.6	U
72-54-8	4,4'-DDD	5.	U	62.		1.4	J	3.6	U	4.	U	3.6	U
7421-93-4	Endrin aldehyde	5.	U	4.	U	4.3	U	3.6	U	4.	U	3.6	U
1031-07-8	Endosulfan sulfate	5.	U	4.	U	4.3	U	3.6	U	4.	U	3.6	U
72-43-5	Methoxychlor	26.	U	20.	U	22.	U	19.	U	20.	U	19.	U
8001-35-2	Toxaphene	260.	U	200.	U	220.	U	190.	U	200.	U	190.	U
12674-11-2	Aroclor-1016	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
11104-28-2	Aroclor-1221	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
11141-16-5	Aroclor-1232	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
53469-21-9	Aroclor-1242	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
12672-29-6	Aroclor-1248	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
11097-69-1	Aroclor-1254	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
11096-82-5	Aroclor-1260	20.	U	16.	U	17.	U	14.	U	16.	U	14.	U
57-74-9	Chlordane	60.	U	48.	U	52.	U	44.	U	48.	U	44.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

SAMPLE ID ------->	GDA-S-B014-02
ORIGINAL ID ----->	GDASB01402
LAB SAMPLE ID --->	L5586-18
ID FROM REPORT -->	GDASB01402
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/22/95
DATE ANALYZED --->	11/07/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5586	VAL
319-84-6	alpha-BHC	2.	U
319-85-7	beta-BHC	2.	U
58-89-9	gamma-BHC (Lindane)	2.	U
319-86-8	delta-BHC	2.	U
76-44-8	Heptachlor	2.	U
309-00-2	Aldrin	2.	U
1024-57-3	Heptachlor epoxide	2.	U
5103-74-2	gamma-Chlordane	2.	U
959-98-8	Endosulfan I	2.	U
5103-71-9	alpha-Chlordane	2.	U
72-55-9	4,4'-DDE	4.	U
50-29-3	4,4'-DDT	4.	U
60-57-1	Dieldrin	4.	U
72-20-8	Endrin	4.	U
33213-65-9	Endosulfan II	4.	U
72-54-8	4,4'-DDD	4.	U
7421-93-4	Endrin aldehyde	4.	U
1031-07-8	Endosulfan sulfate	4.	U
72-43-5	Methoxychlor	20.	U
8001-35-2	Toxaphene	200.	U
12674-11-2	Aroclor-1016	16.	U
11104-28-2	Aroclor-1221	16.	U
11141-16-5	Aroclor-1232	16.	U
53469-21-9	Aroclor-1242	16.	U
12672-29-6	Aroclor-1248	16.	U
11097-69-1	Aroclor-1254	16.	U
11096-82-5	Aroclor-1260	16.	U
57-74-9	Chlordane	48.	U
53494-70-5	Endrin ketone	NR	
465-73-6	Isodrin	NR	
143-50-0	Kepone	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

8846-SVOA													
	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-13		L5545-14		L5545-19		L5545-20		L5545-15		L5545-18	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL
108-95-2	Phenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
95-57-8	2-Chlorophenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
541-73-1	1,3-Dichlorobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
106-46-7	1,4-Dichlorobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
100-51-6	Benzyl alcohol	1500.	U	1900.	U	1700.	U	1500.	U	1500.	U	1600.	U
95-50-1	1,2-Dichlorobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	UJ	960.	UJ	860.	UJ	790.	UJ	770.	UJ	810.	UJ
621-64-7	N-Nitroso-di-n-propylamine	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
67-72-1	Hexachloroethane	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
98-95-3	Nitrobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
78-59-1	Isophorone	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
88-75-5	2-Nitrophenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
105-67-9	2,4-Dimethylphenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
65-85-0	Benzoic acid	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
120-83-2	2,4-Dichlorophenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
91-20-3	Naphthalene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
106-47-8	4-Chloroaniline	1500.	U	1900.	U	1700.	U	1500.	U	1500.	U	1600.	U
87-68-3	Hexachlorobutadiene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1900.	U	1700.	U	1500.	U	1500.	U	1600.	U
91-57-6	2-Methylnaphthalene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
95-95-4	2,4,5-Trichlorophenol	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
91-58-7	2-Chloronaphthalene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
88-74-4	2-Nitroaniline	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
131-11-3	Dimethyl phthalate	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
208-96-8	Acenaphthylene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
606-20-2	2,6-Dinitrotoluene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
99-09-2	3-Nitroaniline	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
83-32-9	Acenaphthene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
51-28-5	2,4-Dinitrophenol	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
100-02-7	4-Nitrophenol	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-13		L5545-14		L5545-19		L5545-20		L5545-15		L5545-18	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE EXTRACTED -->	10/19/95		10/19/95		10/19/95		10/19/95		10/19/95		10/19/95	
	DATE ANALYZED --->	10/24/95		10/24/95		10/24/95		10/24/95		10/24/95		10/24/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL
132-64-9	Dibenzofuran	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
121-14-2	2,4-Dinitrotoluene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
84-66-2	Diethylphthalate	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
86-73-7	Fluorene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
100-01-6	4-Nitroaniline	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
118-74-1	Hexachlorobenzene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
87-86-5	Pentachlorophenol	3800.	U	4800.	U	4300.	U	3900.	U	3800.	U	4100.	U
85-01-8	Phenanthrene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
120-12-7	Anthracene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
86-74-8	Carbazole	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
84-74-2	Di-n-butylphthalate	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
206-44-0	Fluoranthene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
129-00-0	Pyrene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
85-68-7	Butylbenzylphthalate	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1900.	U	1700.	U	1500.	U	1500.	U	1600.	U
56-55-3	Benzo(a)anthracene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
218-01-9	Chrysene	750.	U	960.	U	860.	U	790.	U	190.	J	810.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
117-84-0	Di-n-octyl phthalate	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
205-99-2	Benzo(b)fluoranthene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
207-08-9	Benzo(k)fluoranthene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
50-32-8	Benzo(a)pyrene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
53-70-3	Dibenz(a,h)anthracene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
106-44-5	4-Methylphenol (p-Cresol)	750.	U	960.	U	860.	U	790.	U	770.	U	810.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-SVOA

	SAMPLE ID ------->	GDA-S-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02		GDA-S-B007-01		GDA-S-B007-02	
	ORIGINAL ID ----->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	LAB SAMPLE ID --->	L5563-50		L5563-51		L5563-52		L5563-53		L5563-48		L5563-49	
	ID FROM REPORT -->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/21/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/01/95		10/30/95		10/31/95		10/30/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
108-95-2	Phenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
111-44-4	bis(2-Chloroethyl)ether	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
95-57-8	2-Chlorophenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
541-73-1	1,3-Dichlorobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
106-46-7	1,4-Dichlorobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
100-51-6	Benzyl alcohol	1600.	U	2000.	U	1800.	U	1600.	U	1500.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
95-48-7	2-Methylphenol (o-Cresol)	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
621-64-7	N-Nitroso-di-n-propylamine	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
67-72-1	Hexachloroethane	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
98-95-3	Nitrobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
78-59-1	Isophorone	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
88-75-5	2-Nitrophenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
105-67-9	2,4-Dimethylphenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
65-85-0	Benzoic acid	4100.	U	5100.	U	4500.	U	4000.	UJ	3900.	U	3900.	UJ
111-91-1	bis(2-Chloroethoxy)methane	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
120-83-2	2,4-Dichlorophenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
120-82-1	1,2,4-Trichlorobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
91-20-3	Naphthalene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
106-47-8	4-Chloroaniline	1600.	U	2000.	U	1800.	U	1600.	U	1500.	U	1500.	U
87-68-3	Hexachlorobutadiene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
59-50-7	4-Chloro-3-methylphenol	1600.	U	2000.	U	1800.	U	1600.	U	1500.	U	1500.	U
91-57-6	2-Methylnaphthalene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
77-47-4	Hexachlorocyclopentadiene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
88-06-2	2,4,6-Trichlorophenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
95-95-4	2,4,5-Trichlorophenol	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
91-58-7	2-Chloronaphthalene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
88-74-4	2-Nitroaniline	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
131-11-3	Dimethyl phthalate	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
208-96-8	Acenaphthylene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
606-20-2	2,6-Dinitrotoluene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
99-09-2	3-Nitroaniline	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
83-32-9	Acenaphthene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
51-28-5	2,4-Dinitrophenol	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
100-02-7	4-Nitrophenol	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	GDA-S-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02		GDA-S-B007-01		GDA-S-B007-02	
	ORIGINAL ID ----->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	LAB SAMPLE ID --->	L5563-50		L5563-51		L5563-52		L5563-53		L5563-48		L5563-49	
	ID FROM REPORT -->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/21/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	DATE ANALYZED --->	11/01/95		10/30/95		10/31/95		10/30/95		10/30/95		10/30/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
132-64-9	Dibenzofuran	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
121-14-2	2,4-Dinitrotoluene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
84-66-2	Diethylphthalate	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
7005-72-3	4-Chlorophenylphenylether	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
86-73-7	Fluorene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
100-01-6	4-Nitroaniline	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
86-30-6	N-Nitrosodiphenylamine	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
101-55-3	4-Bromophenyl-phenylether	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
118-74-1	Hexachlorobenzene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
87-86-5	Pentachlorophenol	4100.	U	5100.	U	4500.	U	4000.	U	3900.	U	3900.	U
85-01-8	Phenanthrene	810.	U	1000.	U	180.	J	460.	J	190.	J	790.	U
120-12-7	Anthracene	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
86-74-8	Carbazole	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
84-74-2	Di-n-butylphthalate	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
206-44-0	Fluoranthene	810.	U	1000.	U	740.	J	800.	U	470.	J	790.	U
129-00-0	Pyrene	810.	U	1000.	U	870.	J	800.	U	550.	J	790.	U
85-68-7	Butylbenzylphthalate	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U	2000.	U	1800.	U	1600.	U	1500.	U	1500.	U
56-55-3	Benzo(a)anthracene	810.	U	1000.	U	660.	J	800.	U	280.	J	790.	U
218-01-9	Chrysene	810.	U	1000.	U	980.		800.	U	310.	J	790.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	290.	J	1000.	U	900.	U	800.	U	780.	U	790.	U
117-84-0	Di-n-octyl phthalate	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
205-99-2	Benzo(b)fluoranthene	810.	U	1000.	U	1800.		800.	U	470.	J	790.	U
207-08-9	Benzo(k)fluoranthene	810.	U	1000.	U	1100.		800.	U	450.	J	790.	U
50-32-8	Benzo(a)pyrene	810.	U	1000.	U	830.	J	800.	U	340.	J	790.	U
193-39-5	Indeno(1,2,3-cd)pyrene	810.	U	1000.	U	670.	J	800.	U	220.	J	790.	U
53-70-3	Dibenz(a,h)anthracene	810.	U	1000.	U	230.	J	800.	U	780.	U	790.	U
191-24-2	Benzo(g,h,i)perylene	810.	U	1000.	U	650.	J	800.	U	240.	J	790.	U
106-44-5	4-Methylphenol (p-Cresol)	810.	U	1000.	U	900.	U	800.	U	780.	U	790.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01		GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01	
	ORIGINAL ID ----->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	LAB SAMPLE ID --->	L5563-54		L5563-55		L5563-56		L5563-58		L5563-59		L5563-67	
	ID FROM REPORT -->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	DATE ANALYZED --->	10/31/95		10/30/95		10/31/95		10/31/95		10/31/95		10/31/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
108-95-2	Phenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
95-57-8	2-Chlorophenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
541-73-1	1,3-Dichlorobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
106-46-7	1,4-Dichlorobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
100-51-6	Benzyl alcohol	1500.	U	1500.	U	1500.	U	1700.	U	1400.	U	1500.	U
95-50-1	1,2-Dichlorobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
621-64-7	N-Nitroso-di-n-propylamine	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
67-72-1	Hexachloroethane	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
98-95-3	Nitrobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
78-59-1	Isophorone	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
88-75-5	2-Nitrophenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
105-67-9	2,4-Dimethylphenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
65-85-0	Benzoic acid	3700.	U	3900.	UJ	3800.	U	4200.	U	3600.	U	3700.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
120-83-2	2,4-Dichlorophenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
91-20-3	Naphthalene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
106-47-8	4-Chloroaniline	1500.	U	1500.	U	1500.	U	1700.	U	1400.	U	1500.	U
87-68-3	Hexachlorobutadiene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U	1500.	U	1500.	U	1700.	U	1400.	U	1500.	U
91-57-6	2-Methylnaphthalene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
95-95-4	2,4,5-Trichlorophenol	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
91-58-7	2-Chloronaphthalene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
88-74-4	2-Nitroaniline	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
131-11-3	Dimethyl phthalate	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
208-96-8	Acenaphthylene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
606-20-2	2,6-Dinitrotoluene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
99-09-2	3-Nitroaniline	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
83-32-9	Acenaphthene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
51-28-5	2,4-Dinitrophenol	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
100-02-7	4-Nitrophenol	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA															
	SAMPLE ID ------->	GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01		GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01	
	ORIGINAL ID ----->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	LAB SAMPLE ID --->	L5563-54		L5563-55		L5563-56		L5563-58		L5563-59		L5563-67	
	ID FROM REPORT -->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/23/95	
	DATE ANALYZED --->	10/31/95		10/30/95		10/31/95		10/31/95		10/31/95		10/31/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
132-64-9	Dibenzofuran	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
121-14-2	2,4-Dinitrotoluene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
84-66-2	Diethylphthalate	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
86-73-7	Fluorene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
100-01-6	4-Nitroaniline	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
118-74-1	Hexachlorobenzene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
87-86-5	Pentachlorophenol	3700.	U	3900.	U	3800.	U	4200.	U	3600.	U	3700.	U
85-01-8	Phenanthrene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
120-12-7	Anthracene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
86-74-8	Carbazole	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
84-74-2	Di-n-butylphthalate	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
206-44-0	Fluoranthene	750.	U	780.	U	250.	J	840.	U	730.	U	750.	U
129-00-0	Pyrene	750.	U	780.	U	360.	J	840.	U	730.	U	750.	U
85-68-7	Butylbenzylphthalate	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	1500.	U	1500.	U	1700.	U	1400.	U	1500.	U
56-55-3	Benzo(a)anthracene	750.	U	780.	U	250.	J	840.	U	730.	U	750.	U
218-01-9	Chrysene	750.	U	780.	U	270.	J	840.	U	730.	U	750.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
117-84-0	Di-n-octyl phthalate	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
205-99-2	Benzo(b)fluoranthene	750.	U	780.	U	390.	J	840.	U	730.	U	750.	U
207-08-9	Benzo(k)fluoranthene	750.	U	780.	U	390.	J	840.	U	730.	U	750.	U
50-32-8	Benzo(a)pyrene	750.	U	780.	U	340.	J	840.	U	730.	U	750.	U
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	780.	U	210.	J	840.	U	730.	U	750.	U
53-70-3	Dibenz(a,h)anthracene	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	780.	U	230.	J	840.	U	730.	U	750.	U
106-44-5	4-Methylphenol (p-Cresol)	750.	U	780.	U	750.	U	840.	U	730.	U	750.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-SVOA

	SAMPLE ID ------->	GDA-S-B011-02		GDA-S-B012-01		GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01	
	ORIGINAL ID ----->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	LAB SAMPLE ID --->	L5563-68		L5563-60		L5563-62		L5563-69		L5563-70		L5586-17	
	ID FROM REPORT -->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/11/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/25/95	
	DATE ANALYZED --->	10/31/95		10/31/95		10/30/95		10/31/95		10/30/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5586	VAL
108-95-2	Phenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
111-44-4	bis(2-Chloroethyl)ether	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
95-57-8	2-Chlorophenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
541-73-1	1,3-Dichlorobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
106-46-7	1,4-Dichlorobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
100-51-6	Benzyl alcohol	2000.	U	1500.	U	1700.	U	1500.	U	1600.	U	1400.	U
95-50-1	1,2-Dichlorobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
95-48-7	2-Methylphenol (o-Cresol)	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
621-64-7	N-Nitroso-di-n-propylamine	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
67-72-1	Hexachloroethane	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
98-95-3	Nitrobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
78-59-1	Isophorone	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
88-75-5	2-Nitrophenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
105-67-9	2,4-Dimethylphenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
65-85-0	Benzoic acid	5100.	U	3900.	U	4300.	UJ	3700.	U	4000.	UJ	3600.	U
111-91-1	bis(2-Chloroethoxy)methane	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
120-83-2	2,4-Dichlorophenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
120-82-1	1,2,4-Trichlorobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
91-20-3	Naphthalene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
106-47-8	4-Chloroaniline	2000.	U	1500.	U	1700.	U	1500.	U	1600.	U	1400.	U
87-68-3	Hexachlorobutadiene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
59-50-7	4-Chloro-3-methylphenol	2000.	U	1500.	U	1700.	U	1500.	U	1600.	U	1400.	U
91-57-6	2-Methylnaphthalene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
77-47-4	Hexachlorocyclopentadiene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
88-06-2	2,4,6-Trichlorophenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
91-58-7	2-Chloronaphthalene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
88-74-4	2-Nitroaniline	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
131-11-3	Dimethyl phthalate	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
208-96-8	Acenaphthylene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
606-20-2	2,6-Dinitrotoluene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
99-09-2	3-Nitroaniline	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
83-32-9	Acenaphthene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
51-28-5	2,4-Dinitrophenol	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
100-02-7	4-Nitrophenol	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA													
	SAMPLE ID ------->	GDA-S-B011-02		GDA-S-B012-01		GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01	
	ORIGINAL ID ----->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	LAB SAMPLE ID --->	L5563-68		L5563-60		L5563-62		L5563-69		L5563-70		L5586-17	
	ID FROM REPORT -->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/11/95	
	DATE EXTRACTED -->	10/23/95		10/23/95		10/23/95		10/23/95		10/23/95		10/25/95	
	DATE ANALYZED --->	10/31/95		10/31/95		10/30/95		10/31/95		10/30/95		11/02/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5586	VAL
132-64-9	Dibenzofuran	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
121-14-2	2,4-Dinitrotoluene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
84-66-2	Diethylphthalate	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
7005-72-3	4-Chlorophenylphenylether	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
86-73-7	Fluorene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
100-01-6	4-Nitroaniline	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
86-30-6	N-Nitrosodiphenylamine	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
101-55-3	4-Bromophenyl-phenylether	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
118-74-1	Hexachlorobenzene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
87-86-5	Pentachlorophenol	5100.	U	3900.	U	4300.	U	3700.	U	4000.	U	3600.	U
85-01-8	Phenanthrene	1000.	U	790.	U	860.	U	400.	J	800.	U	720.	U
120-12-7	Anthracene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
86-74-8	Carbazole	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
84-74-2	Di-n-butylphthalate	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
206-44-0	Fluoranthene	1000.	U	790.	U	860.	U	870.		800.	U	720.	U
129-00-0	Pyrene	1000.	U	790.	U	860.	U	1300.		800.	U	720.	U
85-68-7	Butylbenzylphthalate	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
91-94-1	3,3'-Dichlorobenzidine	2000.	U	1500.	U	1700.	U	1500.	U	1600.	U	1400.	U
56-55-3	Benzo(a)anthracene	1000.	U	790.	U	860.	U	500.	J	800.	U	720.	U
218-01-9	Chrysene	1000.	U	790.	U	860.	U	530.	J	800.	U	720.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
117-84-0	Di-n-octyl phthalate	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
205-99-2	Benzo(b)fluoranthene	1000.	U	790.	U	860.	U	390.	J	800.	U	720.	U
207-08-9	Benzo(k)fluoranthene	1000.	U	790.	U	860.	U	450.	J	800.	U	720.	U
50-32-8	Benzo(a)pyrene	1000.	U	790.	U	860.	U	450.	J	800.	U	720.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1000.	U	790.	U	860.	U	230.	J	800.	U	720.	U
53-70-3	Dibenz(a,h)anthracene	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
191-24-2	Benzo(g,h,i)perylene	1000.	U	790.	U	860.	U	330.	J	800.	U	720.	U
106-44-5	4-Methylphenol (p-Cresol)	1000.	U	790.	U	860.	U	750.	U	800.	U	720.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

5W846-SVOA

SAMPLE ID ------->	GDA-S-B014-02
ORIGINAL ID ----->	GDASB01402
LAB SAMPLE ID --->	L5586-18
ID FROM REPORT -->	GDASB01402
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/25/95
DATE ANALYZED --->	11/02/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5586	VAL
108-95-2	Phenol	770.	U
111-44-4	bis(2-Chloroethyl)ether	770.	U
95-57-8	2-Chlorophenol	770.	U
541-73-1	1,3-Dichlorobenzene	770.	U
106-46-7	1,4-Dichlorobenzene	770.	U
100-51-6	Benzyl alcohol	1500.	U
95-50-1	1,2-Dichlorobenzene	770.	U
95-48-7	2-Methylphenol (o-Cresol)	770.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	770.	U
621-64-7	N-Nitroso-di-n-propylamine	770.	U
67-72-1	Hexachloroethane	770.	U
98-95-3	Nitrobenzene	770.	U
78-59-1	Isophorone	770.	U
88-75-5	2-Nitrophenol	770.	U
105-67-9	2,4-Dimethylphenol	770.	U
65-85-0	Benzoic acid	3800.	U
111-91-1	bis(2-Chloroethoxy)methane	770.	U
120-83-2	2,4-Dichlorophenol	770.	U
120-82-1	1,2,4-Trichlorobenzene	770.	U
91-20-3	Naphthalene	770.	U
106-47-8	4-Chloroaniline	1500.	U
87-68-3	Hexachlorobutadiene	770.	U
59-50-7	4-Chloro-3-methylphenol	1500.	U
91-57-6	2-Methylnaphthalene	770.	U
77-47-4	Hexachlorocyclopentadiene	770.	U
88-06-2	2,4,6-Trichlorophenol	770.	U
95-95-4	2,4,5-Trichlorophenol	770.	U
91-58-7	2-Chloronaphthalene	770.	U
88-74-4	2-Nitroaniline	3800.	U
131-11-3	Dimethyl phthalate	770.	U
208-96-8	Acenaphthylene	770.	U
606-20-2	2,6-Dinitrotoluene	770.	U
99-09-2	3-Nitroaniline	3800.	U
83-32-9	Acenaphthene	770.	U
51-28-5	2,4-Dinitrophenol	3800.	U
100-02-7	4-Nitrophenol	3800.	U

*** Validatic Complete ***

SW846-SVOA

SAMPLE ID ------->	GDA-S-8014-02
ORIGINAL ID ----->	GDAS801402
LAB SAMPLE ID --->	L5586-18
ID FROM REPORT -->	GDAS801402
SAMPLE DATE ----->	10/11/95
DATE EXTRACTED -->	10/25/95
DATE ANALYZED --->	11/02/95
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	L5586	VAL
132-64-9	Dibenzofuran	770.	U
121-14-2	2,4-Dinitrotoluene	770.	U
84-66-2	Diethylphthalate	770.	U
7005-72-3	4-Chlorophenylphenylether	770.	U
86-73-7	Fluorene	770.	U
100-01-6	4-Nitroaniline	3800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3800.	U
86-30-6	N-Nitrosodiphenylamine	770.	U
101-55-3	4-Bromophenyl-phenylether	770.	U
118-74-1	Hexachlorobenzene	770.	U
87-86-5	Pentachlorophenol	3800.	U
85-01-8	Phenanthrene	200.	J
120-12-7	Anthracene	770.	U
86-74-8	Carbazole	770.	U
84-74-2	Di-n-butylphthalate	770.	U
206-44-0	Fluoranthene	330.	J
129-00-0	Pyrene	770.	U
85-68-7	Butylbenzylphthalate	770.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U
56-55-3	Benzo(a)anthracene	770.	U
218-01-9	Chrysene	160.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	770.	U
117-84-0	Di-n-octyl phthalate	770.	U
205-99-2	Benzo(b)fluoranthene	770.	U
207-08-9	Benzo(k)fluoranthene	770.	U
50-32-8	Benzo(a)pyrene	770.	U
193-39-5	Indeno(1,2,3-cd)pyrene	770.	U
53-70-3	Dibenz(a,h)anthracene	770.	U
191-24-2	Benzo(g,h,i)perylene	770.	U
106-44-5	4-Methylphenol (p-Cresol)	770.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA

	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-1		L5545-2		L5545-7		L5545-8		L5545-3		L5545-6	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE ANALYZED --->	10/17/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL
74-87-3	Chloromethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-01-4	Vinyl chloride	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
74-83-9	Bromomethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-00-3	Chloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-69-4	Trichlorofluoromethane	5.7	UJ	7.2	UJ	6.3	UJ	6.	UJ	5.7	UJ	6.	UJ
67-64-1	Acetone	11.	U	14.	U	10.	J	12.		17.		12.	
75-35-4	1,1-Dichloroethene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-15-0	Carbon disulfide	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-09-2	Methylene chloride	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
156-60-5	trans-1,2-Dichloroethene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
108-05-4	Vinyl acetate	11.	U	14.	U	13.	U	12.	U	11.	U	12.	U
75-34-3	1,1-Dichloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
78-93-3	2-Butanone (MEK)	11.	U	14.	U	13.	U	12.	U	11.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
67-66-3	Chloroform	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
71-55-6	1,1,1-Trichloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
56-23-5	Carbon tetrachloride	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
107-06-2	1,2-Dichloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
71-43-2	Benzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
79-01-6	Trichloroethene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
78-87-5	1,2-Dichloropropane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-27-4	Bromodichloromethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	23.	U	29.	U	25.	U	24.	U	23.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	14.	U	13.	U	12.	U	11.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
108-88-3	Toluene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
591-78-6	2-Hexanone	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
79-00-5	1,1,2-Trichloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
127-18-4	Tetrachloroethene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
124-48-1	Dibromochloromethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
108-90-7	Chlorobenzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
100-41-4	Ethylbenzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
100-42-5	Styrene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
75-25-2	Bromoform	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA															
	SAMPLE ID ------->	GDA-S-B001-01		GDA-S-B001-02		GDA-S-B002-01		GDA-S-B002-02		GDA-S-B003-01		GDA-S-B003-02	
	ORIGINAL ID ----->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	LAB SAMPLE ID --->	L5545-1		L5545-2		L5545-7		L5545-8		L5545-3		L5545-6	
	ID FROM REPORT -->	GDASB00101		GDASB00102		GDASB00201		GDASB00202		GDASB00301		GDASB00302	
	SAMPLE DATE ----->	10/05/95		10/05/95		10/05/95		10/05/95		10/05/95		10/05/95	
	DATE ANALYZED --->	10/17/95		10/18/95		10/18/95		10/18/95		10/18/95		10/18/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL	L5545	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
541-73-1	1,3-Dichlorobenzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
106-46-7	1,4-Dichlorobenzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
95-50-1	1,2-Dichlorobenzene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
999900-05-0	m+p Xylene	5.7	U	7.2	U	6.3	U	6.	U	5.7	U	6.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	GDA-S-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02		GDA-S-B007-01		GDA-S-B007-02	
	ORIGINAL ID ----->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	LAB SAMPLE ID --->	L5563-3		L5563-4		L5563-5		L5563-6		L5563-1		L5563-2	
	ID FROM REPORT -->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/19/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-01-4	Vinyl chloride	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
74-83-9	Bromomethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-00-3	Chloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-69-4	Trichlorofluoromethane	6.1	UJ	7.5	UJ	6.6	U	6.	U	5.9	U	5.9	U
67-64-1	Acetone	12.	U	15.	U	13.	U	18.		12.	U	23.	
75-35-4	1,1-Dichloroethene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-15-0	Carbon disulfide	6.1	U	2.7	J	6.6	U	6.	U	5.9	U	5.9	U
75-09-2	Methylene chloride	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
108-05-4	Vinyl acetate	12.	U	15.	U	13.	U	12.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
78-93-3	2-Butanone (MEK)	12.	U	15.	U	13.	U	12.	U	12.	U	12.	U
156-59-2	cis-1,2-Dichloroethene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
67-66-3	Chloroform	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
71-55-6	1,1,1-Trichloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
56-23-5	Carbon tetrachloride	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
107-06-2	1,2-Dichloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
71-43-2	Benzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
79-01-6	Trichloroethene	3.1	J	2.4	J	2.2	J	6.	U	1.4	J	5.9	U
78-87-5	1,2-Dichloropropane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-27-4	Bromodichloromethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
110-75-8	2-Chloroethyl vinyl ether	25.	U	30.	U	26.	U	24.	U	23.	U	24.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	15.	U	13.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
108-88-3	Toluene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
591-78-6	2-Hexanone	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
79-00-5	1,1,2-Trichloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
127-18-4	Tetrachloroethene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
124-48-1	Dibromochloromethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
108-90-7	Chlorobenzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
100-41-4	Ethylbenzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
100-42-5	Styrene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
75-25-2	Bromoform	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	GDA-S-B005-01		GDA-S-B005-02		GDA-S-B006-01		GDA-S-B006-02		GDA-S-B007-01		GDA-S-B007-02	
	ORIGINAL ID ----->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	LAB SAMPLE ID --->	L5563-3		L5563-4		L5563-5		L5563-6		L5563-1		L5563-2	
	ID FROM REPORT -->	GDASB00501		GDASB00502		GDASB00601		GDASB00602		GDASB00701		GDASB00702	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/19/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
541-73-1	1,3-Dichlorobenzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
106-46-7	1,4-Dichlorobenzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
95-50-1	1,2-Dichlorobenzene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
999900-05-0	m+p Xylene	6.1	U	7.5	U	6.6	U	6.	U	5.9	U	5.9	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA

	SAMPLE ID ------->	GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01		GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01	
	ORIGINAL ID ----->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	LAB SAMPLE ID --->	L5563-7		L5563-8		L5563-9		L5563-10		L5563-11		L5563-18	
	ID FROM REPORT -->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/20/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
74-87-3	Chloromethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-01-4	Vinyl chloride	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
74-83-9	Bromomethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-00-3	Chloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
67-64-1	Acetone	11.	U	11.	U	11.	U	13.	U	11.	U	210.	
75-35-4	1,1-Dichloroethene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-15-0	Carbon disulfide	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	1.8	J
75-09-2	Methylene chloride	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
108-05-4	Vinyl acetate	11.	U	11.	U	11.	U	13.	U	11.	U	11.	U
75-34-3	1,1-Dichloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
78-93-3	2-Butanone (MEK)	11.	U	11.	U	11.	U	13.	U	11.	U	11.	U
156-59-2	cis-1,2-Dichloroethene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
67-66-3	Chloroform	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
56-23-5	Carbon tetrachloride	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
107-06-2	1,2-Dichloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
71-43-2	Benzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
79-01-6	Trichloroethene	1.9	J	5.7	U	1.2	J	6.4	U	2.4	J	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-27-4	Bromodichloromethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
110-75-8	2-Chloroethyl vinyl ether	23.	U	23.	U	23.	U	25.	U	22.	U	22.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	13.	U	11.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
108-88-3	Toluene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
10061-02-6	trans-1,3-Dichloropropene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
591-78-6	2-Hexanone	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
127-18-4	Tetrachloroethene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
124-48-1	Dibromochloromethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
108-90-7	Chlorobenzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
100-41-4	Ethylbenzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
100-42-5	Styrene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
75-25-2	Bromoform	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA															
	SAMPLE ID ------->	GDA-S-B008-01		GDA-S-B008-02		GDA-S-B009-01		GDA-S-B009-02		GDA-S-B010-01		GDA-S-B011-01	
	ORIGINAL ID ----->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	LAB SAMPLE ID --->	L5563-7		L5563-8		L5563-9		L5563-10		L5563-11		L5563-18	
	ID FROM REPORT -->	GDASB00801		GDASB00802		GDASB00901		GDASB00902		GDASB01001		GDASB01101	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/09/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/20/95		10/20/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
999900-05-0	m+p Xylene	5.6	U	5.7	U	5.7	U	6.4	U	5.5	U	5.6	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

5W846-VOA

	SAMPLE ID ------->	GDA-S-B011-02		GDA-S-B012-01		GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01	
	ORIGINAL ID ----->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	LAB SAMPLE ID --->	L5563-19		L5563-12		L5563-13		L5563-20		L5563-21		L5586-3	
	ID FROM REPORT -->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/11/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/20/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5586	VAL
74-87-3	Chloromethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-01-4	Vinyl chloride	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
74-83-9	Bromomethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-00-3	Chloroethane	7.7	UJ	5.9	UR	6.4	U	5.6	U	5.9	U	5.4	UR
75-69-4	Trichlorofluoromethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	UJ
67-64-1	Acetone	260.	J	12.	U	13.	U	11.	U	12.	U	11.	U
75-35-4	1,1-Dichloroethene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-15-0	Carbon disulfide	19.	J	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-09-2	Methylene chloride	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
156-60-5	trans-1,2-Dichloroethene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
108-05-4	Vinyl acetate	15.	UJ	12.	U	13.	U	11.	U	12.	U	11.	U
75-34-3	1,1-Dichloroethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
78-93-3	2-Butanone (MEK)	12.	J	12.	U	13.	U	11.	U	12.	U	11.	U
156-59-2	cis-1,2-Dichloroethene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
67-66-3	Chloroform	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
71-55-6	1,1,1-Trichloroethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
56-23-5	Carbon tetrachloride	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
107-06-2	1,2-Dichloroethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
71-43-2	Benzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
79-01-6	Trichloroethene	7.7	UJ	5.9	U	6.4	U	1.9	J	5.9	U	5.4	U
78-87-5	1,2-Dichloropropane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-27-4	Bromodichloromethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
110-75-8	2-Chloroethyl vinyl ether	31.	UJ	24.	U	26.	U	22.	U	24.	U	21.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	15.	UJ	12.	U	13.	U	11.	U	12.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
108-88-3	Toluene	7.7	UJ	1.7	J	6.4	U	5.6	U	5.9	U	5.4	U
10061-02-6	trans-1,3-Dichloropropene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
591-78-6	2-Hexanone	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
79-00-5	1,1,2-Trichloroethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
127-18-4	Tetrachloroethene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
124-48-1	Dibromochloromethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
108-90-7	Chlorobenzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
100-41-4	Ethylbenzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
100-42-5	Styrene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
75-25-2	Bromoform	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA															
	SAMPLE ID ------->	GDA-S-B011-02		GDA-S-B012-01		GDA-S-B012-02		GDA-S-B013-01		GDA-S-B013-02		GDA-S-B014-01	
	ORIGINAL ID ----->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	LAB SAMPLE ID --->	L5563-19		L5563-12		L5563-13		L5563-20		L5563-21		L5586-3	
	ID FROM REPORT -->	GDASB01102		GDASB01201		GDASB01202		GDASB01301		GDASB01302		GDASB01401	
	SAMPLE DATE ----->	10/09/95		10/09/95		10/09/95		10/09/95		10/09/95		10/11/95	
	DATE ANALYZED --->	10/20/95		10/20/95		10/20/95		10/20/95		10/20/95		10/21/95	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5563	VAL	L5586	VAL
79-34-5	1,1,2,2-Tetrachloroethane	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
541-73-1	1,3-Dichlorobenzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
106-46-7	1,4-Dichlorobenzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
95-50-1	1,2-Dichlorobenzene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
999900-05-0	m+p Xylene	7.7	UJ	5.9	U	6.4	U	5.6	U	5.9	U	5.4	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846-VOA

SAMPLE ID ------->	GDA-S-B014-02
ORIGINAL ID ----->	GDASB01402
LAB SAMPLE ID --->	L5586-4
ID FROM REPORT -->	GDASB01402
SAMPLE DATE ----->	10/11/95
DATE ANALYZED --->	10/21/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5586	VAL
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	UR
75-69-4	Trichlorofluoromethane	5.8	UJ
67-64-1	Acetone	12.	U
75-35-4	1,1-Dichloroethene	5.8	U
75-15-0	Carbon disulfide	5.8	U
75-09-2	Methylene chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	U
108-05-4	Vinyl acetate	12.	U
75-34-3	1,1-Dichloroethane	5.8	U
78-93-3	2-Butanone (MEK)	12.	U
156-59-2	cis-1,2-Dichloroethene	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
56-23-5	Carbon tetrachloride	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
71-43-2	Benzene	5.8	U
79-01-6	Trichloroethene	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
110-75-8	2-Chloroethyl vinyl ether	23.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
108-88-3	Toluene	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U
591-78-6	2-Hexanone	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
127-18-4	Tetrachloroethene	5.8	U
124-48-1	Dibromochloromethane	5.8	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethylbenzene	5.8	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

SAMPLE ID ------->	GDA-S-B014-02
ORIGINAL ID ----->	GDASB01402
LAB SAMPLE ID --->	L5586-4
ID FROM REPORT -->	GDASB01402
SAMPLE DATE ----->	10/11/95
DATE ANALYZED --->	10/21/95
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	L5586	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
999900-05-0	m+p Xylene	5.8	U
540-59-0	1,2-Dichloroethene (total)	NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON -- ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID -------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-14
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
100-51-6	Benzyl alcohol	21.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U
67-72-1	Hexachloroethane	10.	U
98-95-3	Nitrobenzene	10.	U
78-59-1	Isophorone	10.	U
88-75-5	2-Nitrophenol	10.	U
105-67-9	2,4-Dimethylphenol	10.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U
120-83-2	2,4-Dichlorophenol	10.	U
91-20-3	Naphthalene	10.	U
106-47-8	4-Chloroaniline	21.	U
87-68-3	Hexachlorobutadiene	10.	U
59-50-7	4-Chloro-3-methylphenol	19.	U
91-57-6	2-Methylnaphthalene	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U
95-95-4	2,4,5-Trichlorophenol	10.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	52.	U
131-11-3	Dimethyl phthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	52.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	52.	U
100-02-7	4-Nitrophenol	52.	U
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-14
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
100-01-6	4-Nitroaniline	21.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	52.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	52.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	21.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octyl phthalate	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U
50-32-8	Benzo(a)pyrene	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U
95-53-4	o-Toluidine	31.	U
1888-71-7	Hexachloropropene	10.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	U
608-93-5	Pentachlorobenzene	10.	U
91-59-8	2-Naphthylamine	52.	U
134-32-7	1-Naphthylamine	52.	U
297-97-2	Thionazin	21.	U
99-55-8	5-Nitro-o-toluidine	10.	U
2303-16-4	Diallate	21.	U
298-02-2	Phorate	21.	U
62-44-2	Phenacetin	31.	U
60-51-5	Dimethoate	21.	U
92-67-1	4-Aminobiphenyl	52.	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-14
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
23950-58-5	Pronamide	21.	U
298-04-4	Disulfoton	21.	U
298-00-0	Methyl parathion	21.	U
56-38-2	Parathion	10.	U
140-57-8	Aramite	31.	U
510-15-6	Chlorobenzilate	21.	U
119-93-7	3,3-Dimethylbenzidine	210.	U
52-85-7	Famphur	18.	U
53-96-3	Acetamidofluorene	21.	U
70-30-4	Hexachlorophene	21.	U
56-49-5	3-Methyl cholanthrene	10.	U
110-86-1	Pyridine	15.	U
76-01-7	Pentachloroethane	10.	U
62-75-9	N-Nitrosodimethylamine	21.	U
109-06-8	2-Picoline	31.	U
10595-95-6	N-Nitrosomethylethylamine	31.	U
66-27-3	Methyl methanesulfonate	21.	U
55-18-5	N-Nitrosodiethylamine	31.	U
62-50-0	Ethyl methanesulfonate	21.	U
62-53-3	Aniline	31.	U
930-55-2	N-Nitrosopyrrolidine	12.	U
59-89-2	N-Nitrosomorpholine	42.	U
98-86-2	Acetophenone	21.	U
87-65-0	2,6-Dichlorophenol	31.	U
100-75-4	N-Nitrosopiperidine	10.	U
924-16-3	N-Nitroso-di-n-butylamine	21.	U
120-58-1	Isosafrole	10.	U
94-59-7	Safrole	10.	U
130-15-4	1,4-Naphthoquinone	21.	U
99-65-0	1,3-Dinitrobenzene	21.	U
58-90-2	2,3,4,6-Tetrachlorophenol	31.	U
99-35-4	1,3,5-Trinitrobenzene	10.	U
82-68-8	Pentachloronitrobenzene	21.	U
88-85-7	Dinoseb	31.	U
3689-24-5	Sulfotep	21.	U
126-68-1	O,O,O-Triethylphosphorothioate	31.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP9-SVOA

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-14
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L6007	VAL
60-11-7	p-(Dimethylamino)azobenzene	31.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U
56-57-5	4-Nitroquinoline 1-oxide	21.	U
108-39-4	3-Methylphenol (m-Cresol)	31.	U
999900-32-2	3-Methylphenol/4-Methylphenol	31.	U
91-80-5	Methapyrilene	31.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 PEST

SAMPLE ID -------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-18
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	12/16/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
319-84-6	alpha-BHC	0.055	U
319-85-7	beta-BHC	0.055	U
319-86-8	delta-BHC	0.055	U
58-89-9	gamma-BHC (Lindane)	0.055	U
76-44-8	Heptachlor	0.055	U
309-00-2	Aldrin	0.055	U
1024-57-3	Heptachlor epoxide	0.055	U
959-98-8	Endosulfan I	0.055	U
60-57-1	Dieldrin	0.11	U
72-55-9	4,4'-DDE	0.11	U
72-20-8	Endrin	0.11	U
33213-65-9	Endosulfan II	0.11	U
72-54-8	4,4'-DDD	0.11	U
1031-07-8	Endosulfan sulfate	0.11	U
50-29-3	4,4'-DDT	0.11	U
72-43-5	Methoxychlor	0.55	U
53494-70-5	Endrin ketone	0.11	U
7421-93-4	Endrin aldehyde	0.11	U
5103-71-9	alpha-Chlordane	0.055	U
5103-74-2	gamma-Chlordane	0.055	U
8001-35-2	Toxaphene	5.5	U
12674-11-2	Aroclor-1016	1.1	U
11104-28-2	Aroclor-1221	2.2	U
11141-16-5	Aroclor-1232	1.1	U
53469-21-9	Aroclor-1242	1.1	U
12672-29-6	Aroclor-1248	1.1	U
11097-69-1	Aroclor-1254	1.1	U
11096-82-5	Aroclor-1260	1.1	U
57-74-9	Chlordane	1.1	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-2
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE ANALYZED --->	12/13/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
74-87-3	Chloromethane	10.	U
75-01-4	Vinyl chloride	10.	U
74-83-9	Bromomethane	10.	U
75-00-3	Chloroethane	10.	UJ
75-69-4	Trichlorofluoromethane	5.	U
67-64-1	Acetone	100.	U
75-35-4	1,1-Dichloroethene	5.	U
75-15-0	Carbon disulfide	5.	U
75-09-2	Methylene chloride	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	5.	U
75-34-3	1,1-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
67-66-3	Chloroform	22.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
107-06-2	1,2-Dichloroethane	5.	U
71-43-2	Benzene	5.	U
79-01-6	Trichloroethene	5.	U
78-87-5	1,2-Dichloropropane	5.	U
75-27-4	Bromodichloromethane	3.4	J
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
108-88-3	Toluene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
591-78-6	2-Hexanone	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U
127-18-4	Tetrachloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
1330-20-7	Xylene (Total)	NR	
95-47-6	o-Xylene	5.	U
100-42-5	Styrene	5.	U
75-25-2	Bromoform	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9 VOA

SAMPLE ID -------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-2
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE ANALYZED --->	12/13/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L6007	VAL
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
75-05-8	Acetonitrile	50.	UR
107-02-8	Acrolein	50.	U
107-13-1	Acrylonitrile	15.	U
107-05-1	3-Chloropropene	5.	U
106-93-4	1, 2-Dibromoethane	5.	U
74-95-3	Methylene bromide	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-71-8	Dichlorodifluoromethane	5.	U
123-91-1	1,4-Dioxane	200.	UR
107-12-0	Propionitrile	10.	U
97-63-2	Ethyl methacrylate	5.	U
74-88-4	Methyl iodide	5.	U
78-83-1	Isobutyl alcohol	100.	U
126-98-7	Methacrylonitrile	5.	U
80-62-6	Methyl methacrylate	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U
540-59-0	1,2-Dichloroethene (total)	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U
126-99-8	Chloroprene	10.	UR
76-01-7	Pentachloroethane	5.	U
71-36-3	n-Butyl alcohol	5.	U
999900-05-0	m+p Xylene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-HERB

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-10
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	12/15/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L6007	VAL
94-75-7	2,4-D	4.3	U
93-72-1	2,4,5-TP (Silvex)	0.61	U
93-76-5	2,4,5-T	0.72	U

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE											
	SAMPLE ID ------->	GDA-G-W01D-01		GDA-G-W02D-01		GDA-H-W02D-01		GDA-G-W03D-01			
	ORIGINAL ID ----->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	LAB SAMPLE ID --->	L5997-67		L6008-51		L6007-20		L6008-52			
	ID FROM REPORT -->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/08/95			
	DATE EXTRACTED -->	12/19/95		12/20/95		12/19/95		12/21/95			
	DATE ANALYZED --->	12/19/95		12/20/95		12/19/95		12/21/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ----------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter	L5997	VAL	L6008	VAL	L6007	VAL	L6008	VAL		
16887-00-6	Chloride	1300.		6600.		6400.		20000.			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE													
	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-H-W02D-01		GDA-G-W02D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAHW02D01		GDAGW02D01	
	LAB SAMPLE ID --->	L5997-64		L6008-45		L6008-47		L5997-65		L6007-9		L6008-46	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAHW02D01		GDAGW02D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE EXTRACTED -->	12/08/95		12/12/95		12/12/95		12/08/95		12/12/95		12/12/95	
	DATE ANALYZED --->	12/08/95		12/12/95		12/12/95		12/08/95		12/12/95		12/12/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6007	VAL	L6008	VAL
57-12-5	Cyanide (CN)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

SAMPLE ID -------->	GDA-G-W03D-01
ORIGINAL ID ----->	GDAGW03D01
LAB SAMPLE ID --->	L6008-48
ID FROM REPORT -->	GDAGW03D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/12/95
DATE ANALYZED --->	12/12/95
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	L6008	VAL
57-12-5	Cyanide (CN)	0.068	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-1
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/09/95
DATE ANALYZED --->	12/09/95
MATRIX ---------->	Water
UNITS ---------->	MG/L

CAS #	Parameter	L6007	VAL
18540-29-9	Chromium (Hexavalent)	0.002	J

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

OP PEST

SAMPLE ID ------->	GDA-H-W02D-01
ORIGINAL ID ----->	GDAHW02D01
LAB SAMPLE ID --->	L6007-11
ID FROM REPORT -->	GDAHW02D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/10/95
DATE ANALYZED --->	12/18/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L6007	VAL
60-51-5	Dimethoate	3.3	U
298-04-4	Disulfoton	2.2	U
52-85-7	Famphur	3.3	U
56-38-2	Parathion	3.3	U
298-00-0	Methyl parathion	3.3	U
298-02-2	Phorate	2.2	U
3689-24-5	Sulfotep	3.3	U
297-97-2	Thionazin	3.3	U
126-68-1	O,O,O-Triethylphosphorothioate	3.3	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE											
	SAMPLE ID ------->	GDA-G-W01D-01		GDA-G-W02D-01		GDA-H-W02D-01		GDA-G-W03D-01			
	ORIGINAL ID ----->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	LAB SAMPLE ID --->	L5997-67		L6008-51		L6007-20		L6008-52			
	ID FROM REPORT -->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/08/95			
	DATE EXTRACTED -->	12/18/95		12/18/95		12/18/95		12/18/95			
	DATE ANALYZED --->	12/18/95		12/18/95		12/18/95		12/18/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter	L5997	VAL	L6008	VAL	L6007	VAL	L6008	VAL		
14808-79-8	Sulfate	270.		350.		360.		280.			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META															
	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-H-W02D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAHW02D01	
	LAB SAMPLE ID --->	L5997-62		L6008-59		L6008-41		L5997-63		L6008-60		L6007-8	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAHW02D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE EXTRACTED -->	12/13/95		12/22/95		12/22/95		12/13/95		12/22/95		12/22/95	
	DATE ANALYZED --->	12/15/95		12/26/95		12/26/95		12/15/95		12/26/95		12/26/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6007	VAL
7429-90-5	Aluminum (Al)	1020.		2840.		955.		316.		49.3	J	31.9	J
7440-36-0	Antimony (Sb)	51.	U	51.	U	51.	U	51.	U	51.	U	51.	U
7440-38-2	Arsenic (As)	68.3		20.	U	4.	U	4.	J	4.	U	4.	U
7440-39-3	Barium (Ba)	33.3	J	102.	J	21.3	J	65.6	J	153.	J	159.	J
7440-41-7	Beryllium (Be)	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
7440-43-9	Cadmium (Cd)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-70-2	Calcium (Ca)	77400.		151000.	J	43100.	J	78300.		177000.	J	181000.	J
7440-47-3	Chromium (Cr)	5.	J	6.1	J	4.	UJ	4.	U	4.	UJ	7.3	J
7440-48-4	Cobalt (Co)	6.	U	6.	UJ	6.	UJ	6.	U	10.3	J	13.9	J
7440-50-8	Copper (Cu)	10.1	J	10.1	J	3.4	J	5.7	J	3.	U	3.	U
7439-89-6	Iron (Fe)	72100.	J	21800.	J	8230.	J	12500.	J	17200.	J	17700.	J
7439-92-1	Lead (Pb)	3.	U	3.2	J	3.	UR	15.	U	30.	UR	3.	UR
7439-95-4	Magnesium (Mg)	17600.		38300.		25300.		111000.		426000.		437000.	
7439-96-5	Manganese (Mn)	336.		152.	J	79.8	J	344.		2340.	J	2390.	J
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	14.	U	14.	UJ	14.	UJ	14.	U	20.1	J	15.2	J
7440-09-7	Potassium (K)	4130.	J	18400.		14500.		26400.		118000.		122000.	
7782-49-2	Selenium (Se)	3.	U	3.	UR	3.	UR	3.	UJ	3.	UR	3.	UR
7440-22-4	Silver (Ag)	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-23-5	Sodium (Na)	10600.	J	59700.	J	215000.	J	801000.	J	3650000.	J	3780000.	J
7440-28-0	Thallium (Tl)	4.	UJ	4.	UR	4.	UR	4.	UJ	4.	UR	40.	UR
7440-62-2	Vanadium (V)	4.	U	4.1	J	4.	U	4.	U	4.	U	4.4	J
7440-66-6	Zinc (Zn)	89.		28.3		7.5	J	86.8		6.	J	5.1	J
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

SAMPLE ID ------->	GDA-G-W03D-01
ORIGINAL ID ----->	GDAGW03D01
LAB SAMPLE ID --->	L6008-43
ID FROM REPORT -->	GDAGW03D01
SAMPLE DATE ----->	12/08/95
DATE EXTRACTED -->	12/26/95
DATE ANALYZED --->	12/27/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	L6008	VAL
7429-90-5	Aluminum (Al)	21.	U
7440-36-0	Antimony (Sb)	255.	U
7440-38-2	Arsenic (As)	20.	U
7440-39-3	Barium (Ba)	59.9	J
7440-41-7	Beryllium (Be)	1.	UJ
7440-43-9	Cadmium (Cd)	5.	U
7440-70-2	Calcium (Ca)	410000.	J
7440-47-3	Chromium (Cr)	4.	UJ
7440-48-4	Cobalt (Co)	6.	UJ
7440-50-8	Copper (Cu)	3.	U
7439-89-6	Iron (Fe)	187.	J
7439-92-1	Lead (Pb)	60.	UR
7439-95-4	Magnesium (Mg)	1610000.	
7439-96-5	Manganese (Mn)	1470.	J
7439-97-6	Mercury (Hg)	0.2	U
7440-02-0	Nickel (Ni)	14.	UJ
7440-09-7	Potassium (K)	370000.	
7782-49-2	Selenium (Se)	30.	UR
7440-22-4	Silver (Ag)	3.	U
7440-23-5	Sodium (Na)	11100000.	J
7440-28-0	Thallium (Tl)	163.	J
7440-62-2	Vanadium (V)	9.9	J
7440-66-6	Zinc (Zn)	6.9	J
7440-31-5	Tin (Sn)	NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-PEST

SAMPLE ID ------->		GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-G-W03D-01	
ORIGINAL ID ----->		GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
LAB SAMPLE ID --->		L5997-48		L6008-31		L6008-33		L5997-50		L6008-57		L6008-35	
ID FROM REPORT -->		GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
SAMPLE DATE ----->		12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
DATE EXTRACTED -->		12/11/95		12/11/95		12/11/95		12/11/95		12/11/95		12/11/95	
DATE ANALYZED --->		12/15/95		12/15/95		12/15/95		12/15/95		12/20/95		12/20/95	
MATRIX ---------->		Water		Water		Water		Water		Water		Water	
UNITS ---------->		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6008	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	UJ	0.05	UJ	0.05	U	0.05	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	UJ	5.	UJ	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	UJ	2.	UJ	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
57-74-9	Chlordane	1.	U	1.	U	1.	UJ	1.	UJ	1.	U	1.	U
53494-70-5	Endrin ketone	NR		NR		NR		NR		NR		NR	
465-73-6	Isodrin	NR		NR		NR		NR		NR		NR	
143-50-0	Kepone	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA

	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-G-W03D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	LAB SAMPLE ID --->	L5997-38		L6008-21		L6008-23		L5997-40		L6008-55		L6008-25	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE EXTRACTED -->	12/14/95		12/14/95		12/14/95		12/14/95		12/14/95		12/14/95	
	DATE ANALYZED --->	12/21/95		12/21/95		12/21/95		12/26/95		12/21/95		12/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6008	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-51-6	Benzyl alcohol	20.	U	21.	U	20.	U	20.	U	20.	U	20.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
65-85-0	Benzoic acid	50.	UJ	52.	UJ	50.	UJ	50.	UJ	50.	UJ	50.	UJ
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-47-8	4-Chloroaniline	20.	U	21.	U	20.	U	20.	U	20.	U	20.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
59-50-7	4-Chloro-3-methylphenol	20.	U	21.	U	20.	U	20.	U	20.	U	20.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-95-4	2,4,5-Trichlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-09-2	3-Nitroaniline	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U
100-02-7	4-Nitrophenol	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-SVOA															
	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-G-W03D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	LAB SAMPLE ID --->	L5997-38		L6008-21		L6008-23		L5997-40		L6008-55		L6008-25	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE EXTRACTED -->	12/14/95		12/14/95		12/14/95		12/14/95		12/14/95		12/14/95	
	DATE ANALYZED --->	12/21/95		12/21/95		12/21/95		12/26/95		12/21/95		12/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6008	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
100-01-6	4-Nitroaniline	20.	UJ	21.	UJ	20.	UJ	20.	UJ	20.	UJ	20.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	52.	U	50.	U	50.	U	50.	U	50.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-74-8	Carbazole	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	21.	U	20.	U	20.	U	20.	U	20.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-G-W03D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	LAB SAMPLE ID --->	L5997-13		L6008-1		L6008-7		L5997-16		L6008-4		L6008-10	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE ANALYZED --->	12/15/95		12/18/95		12/18/95		12/19/95		12/18/95		12/18/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6008	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
74-83-9	Bromomethane	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	22.	U	11.	U	10.	U	11.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	2.2	J	5.	U	4.3	J
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	8.2	U	5.	U	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	
95-47-6	o-Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA													
	SAMPLE ID ------->	GDA-G-W001-01		GDA-G-W002-01		GDA-G-W003-01		GDA-G-W01D-01		GDA-G-W02D-01		GDA-G-W03D-01	
	ORIGINAL ID ----->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	LAB SAMPLE ID --->	L5997-13		L6008-1		L6008-7		L5997-16		L6008-4		L6008-10	
	ID FROM REPORT -->	GDAGW00101		GDAGW00201		GDAGW00301		GDAGW01D01		GDAGW02D01		GDAGW03D01	
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/07/95		12/08/95		12/08/95	
	DATE ANALYZED --->	12/15/95		12/18/95		12/18/95		12/19/95		12/18/95		12/18/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L5997	VAL	L6008	VAL	L6008	VAL	L5997	VAL	L6008	VAL	L6008	VAL
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
999900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DS

	SAMPLE ID ------->	GDA-G-W01D-01		GDA-G-W02D-01		GDA-H-W02D-01		GDA-G-W03D-01			
	ORIGINAL ID ----->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	LAB SAMPLE ID --->	L5997-67		L6008-51		L6007-20		L6008-52			
	ID FROM REPORT -->	GDAGW01D01		GDAGW02D01		GDAHW02D01		GDAGW03D01			
	SAMPLE DATE ----->	12/07/95		12/08/95		12/08/95		12/08/95			
	DATE EXTRACTED -->	12/13/95		12/13/95		12/13/95		12/13/95			
	DATE ANALYZED --->	12/13/95		12/13/95		12/13/95		12/13/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter	L5997	VAL	L6008	VAL	L6007	VAL	L6008	VAL		
99900-07-2	Total Dissolved Solids (TDS)	2800.		12000.		12000.		39000.			

*** Validatic Complete ***

TPH							
	SAMPLE ID ------->	GDA-H-W02D-01					
	ORIGINAL ID ----->	GDAHW02D01					
	LAB SAMPLE ID --->	L6007-16					
	ID FROM REPORT -->	GDAHW02D01					
	SAMPLE DATE ----->	12/08/95					
	DATE EXTRACTED -->	12/11/95					
	DATE ANALYZED --->	12/16/95					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	L6007	VAL				
999900-02-6	TPH - Diesel Range Organics	1.1	U				
999900-02-5	TPH - Gasoline Range Organics	1.1	U				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP-9 VOA

SAMPLE ID -------->	GDA-G-W002-04
ORIGINAL ID ----->	GDAGW00204
LAB SAMPLE ID --->	6468-01
ID FROM REPORT -->	GDAGW00204
SAMPLE DATE ----->	10/17/96
DATE EXTRACTED -->	11/13/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	6414	VAL
74-87-3	Chloromethane	5.	U
74-83-9	Bromomethane	5.	U
75-01-4	Vinyl chloride	5.	U
75-00-3	Chloroethane	5.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	10.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
80-62-6	Methyl methacrylate	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylene (Total)	5.	U
75-71-8	Dichlorodifluoromethane	5.	U
75-69-4	Trichlorofluoromethane	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

AP-9 VOA

SAMPLE ID ------->	GDA-G-W002-04
ORIGINAL ID ----->	GDAGW00204
LAB SAMPLE ID --->	6468-01
ID FROM REPORT -->	GDAGW00204
SAMPLE DATE ----->	10/17/96
DATE EXTRACTED -->	11/13/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	6414	VAL
74-88-4	Methyl iodide	5.	U
107-05-1	3-Chloropropene	5.	U
107-12-0	Propionitrile	50.	UR
75-05-8	Acetonitrile	50.	UR
107-02-8	Acrolein	50.	UR
126-99-8	Chloroprene	10.	U
107-13-1	Acrylonitrile	50.	U
123-91-1	1,4-Dioxane	50.	UR
126-98-7	Methacrylonitrile	50.	U
74-95-3	Methylene bromide	5.	U
78-83-1	Isobutyl alcohol	500.	UR
106-93-4	1, 2-Dibromoethane	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
95-47-6	o-Xylene	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U
97-63-2	Ethyl methacrylate	5.	U
76-01-7	Pentachloroethane	5.	U
108-38-3	m-Xylene	NR	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-VOA

SAMPLE ID -------->	GDA-H-W02D-03
ORIGINAL ID ----->	GDAHW02D03
LAB SAMPLE ID --->	L7309-2
ID FROM REPORT -->	GDAHW02D03
SAMPLE DATE ----->	06/24/96
DATE ANALYZED --->	07/03/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7309	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	UR
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	UJ
75-09-2	Methylene chloride	5.	UJ
67-64-1	Acetone	100.	U
75-15-0	Carbon disulfide	5.	UJ
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
127-18-4	Tetrachloroethene	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
75-69-4	Trichlorofluoromethane	5.	UJ
156-60-5	trans-1,2-Dichloroethene	5.	U
95-47-6	o-Xylene	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

APX9-VOA

SAMPLE ID ------->	GDA-H-W02D-03
ORIGINAL ID ----->	GDAHW02D03
LAB SAMPLE ID --->	L7309-2
ID FROM REPORT -->	GDAHW02D03
SAMPLE DATE ----->	06/24/96
DATE ANALYZED --->	07/03/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	L7309	VAL
95-50-1	1,2-Dichlorobenzene	5.	U
999900-05-0	m+p Xylene	5.	U
75-05-8	Acetonitrile	50.	UJ
107-02-8	Acrolein	50.	UR
107-13-1	Acrylonitrile	15.	UJ
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	10.	U
106-93-4	1, 2-Dibromoethane	5.	U
74-95-3	Methylene bromide	5.	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.	U
75-71-8	Dichlorodifluoromethane	5.	U
123-91-1	1,4-Dioxane	200.	UR
107-12-0	Propionitrile	10.	U
97-63-2	Ethyl methacrylate	5.	U
74-88-4	Methyl iodide	5.	U
78-83-1	Isobutyl alcohol	100.	U
126-98-7	Methacrylonitrile	5.	U
80-62-6	Methyl methacrylate	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
96-18-4	1,2,3-Trichloropropane	5.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-03		GDA-G-W002-04		GDA-G-W003-03		GDA-G-W003-04	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	LAB SAMPLE ID --->	L7310-28		6450-01		L7310-30		6468-01		L7317-36		6458-01	
	ID FROM REPORT -->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		10/17/96		06/25/96		10/16/96	
	DATE EXTRACTED -->	07/03/96				07/03/96				07/03/96			
	DATE ANALYZED --->	07/03/96		10/18/96		07/03/96		10/18/96		07/03/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	6414	VAL	L7317I	VAL	6434	VAL
16887-00-6	Chloride	64.		5.	U	23.		6950.		1300.		177.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE

	SAMPLE ID ------->	GDA-G-W01D-03		GDA-G-W01D-04		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04		GDA-H-W02D-04	
	ORIGINAL ID ----->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	LAB SAMPLE ID --->	L7310-29		6450-02		L7310-31		L7309-7		6468-02		6468-03	
	ID FROM REPORT -->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		06/24/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	07/03/96				07/03/96		07/03/96					
	DATE ANALYZED --->	07/03/96		10/18/96		07/03/96		07/03/96		10/18/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	L7309I	VAL	6468	VAL	6468	VAL
16887-00-6	Chloride	1200.		6250.		6600.		6300.		6820.	J	15.	J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CHLORIDE								
	SAMPLE ID ------->	GDA-G-W03D-03		GDA-G-W03D-04				
	ORIGINAL ID ----->	GDAGW03D03		GDAGW03D04				
	LAB SAMPLE ID --->	L7317-37		6458-02				
	ID FROM REPORT -->	GDAGW03D03		GDAGW03D04				
	SAMPLE DATE ----->	06/25/96		10/16/96				
	DATE EXTRACTED -->	07/03/96						
	DATE ANALYZED --->	07/03/96		10/18/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	MG/L		MG/L				
CAS #	Parameter	L73171	VAL	6434	VAL			
16887-00-6	Chloride	8200.		1080000.				

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-03		GDA-G-W002-04		GDA-G-W003-03		GDA-G-W003-04	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	LAB SAMPLE ID --->	L7310-24		6450-01		L7310-26		6468-01		L7317-32		6458-01	
	ID FROM REPORT -->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		10/17/96		06/25/96		10/16/96	
	DATE EXTRACTED -->	06/28/96				06/28/96				06/28/96			
	DATE ANALYZED --->	06/28/96		10/21/96		06/28/96		10/21/96		06/28/96		10/21/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	6414	VAL	L7317I	VAL	6434	VAL
57-12-5	Cyanide (CN)	0.005	U	0.01	U	0.005	U	0.01	U	0.005	U	0.01	U

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-G-W01D-03		GDA-G-W01D-04		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04		GDA-H-W02D-04	
	ORIGINAL ID ----->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	LAB SAMPLE ID --->	L7310-25		6450-02		L7310-27		L7309-6		6468-02		6468-03	
	ID FROM REPORT -->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		06/24/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	06/28/96				06/28/96		06/28/96					
	DATE ANALYZED --->	06/28/96		10/21/96		06/28/96		06/28/96		10/21/96		10/21/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	L7309I	VAL	6468	VAL	6468	VAL
57-12-5	Cyanide (CN)	0.005	U	0.01	U	0.005	U	0.005	U	0.01	U	0.01	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

CYANIDE

	SAMPLE ID ------->	GDA-G-W03D-03		GDA-G-W03D-04					
	ORIGINAL ID ----->	GDAGW03D03		GDAGW03D04					
	LAB SAMPLE ID --->	L7317-33		6458-02					
	ID FROM REPORT -->	GDAGW03D03		GDAGW03D04					
	SAMPLE DATE ----->	06/25/96		10/16/96					
	DATE EXTRACTED -->	06/28/96							
	DATE ANALYZED --->	06/28/96		10/21/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	MG/L		MG/L					
CAS #	Parameter	L7317I	VAL	6434	VAL				
57-12-5	Cyanide (CN)	0.005	U	0.01	U				

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W002-03		GDA-G-W003-03		GDA-G-W01D-03		GDA-H-W02D-02		GDA-G-W02D-03	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAHW02D02		GDAGW02D03	
	LAB SAMPLE ID --->	129-58-5A		129-58-7A		129-58-9A		129-58-6A		121-51-3		129-58-8A	
	ID FROM REPORT -->	GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAHW02D02		GDAGW02D03	
	SAMPLE DATE ----->	06/24/96		06/24/96		06/25/96		06/24/96		04/25/96		06/24/96	
	DATE EXTRACTED -->	07/05/96		07/05/96		07/05/96		07/05/96		05/06/96		07/05/96	
	DATE ANALYZED --->	07/10/96		07/10/96		07/10/96		07/10/96		05/10/96		07/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	PG/L		PG/L		PG/L		PG/L		PG/L		PG/L	
CAS #	Parameter	L7308D	VAL	L7308D	VAL	L7308D	VAL	L7308D	VAL	L6904	VAL	L7308D	VAL
1746-01-6	2378-TCDD	9.2	U	9.2	U	7.3	U	10.	U	9.5	UJ	9.	U
40321-76-4	12378-PeCDD	12.6	U	13.3	U	9.6	U	15.6	U	15.4	UJ	12.6	U
39227-28-6	123478-HxCDD	13.2	U	14.	U	10.3	U	18.8	U	14.4	U	14.5	U
57653-85-7	123678-HxCDD	11.1	U	11.7	U	8.7	U	15.9	U	13.2	U	12.2	U
19408-74-3	123789-HxCDD	11.4	U	12.	U	8.9	U	16.2	U	12.7	U	12.5	U
35822-46-9	1234678-HpCDD	12.8	U	14.3	U	10.2	U	19.5	U	16.	U	15.7	U
3268-87-9	OCDD	14.7	U	25.5	EMPC	29.2	EMPC	25.2	U	24.5	U	18.5	U
51207-31-9	2378-TCDF	6.7	U	7.	U	5.4	U	7.8	U	6.1	U	6.8	U
57117-41-6	12378-PeCDF	7.7	U	8.	U	6.2	U	9.6	U	9.8	UJ	7.7	U
57117-31-4	23478-PeCDF	7.6	U	7.8	U	6.	U	9.5	U	9.5	U	7.5	U
70648-26-9	123478-HxCDF	8.1	U	8.8	U	6.4	U	11.3	U	9.5	U	9.	U
57117-44-9	123678-HxCDF	6.4	U	6.9	U	5.	U	8.9	U	7.7	U	7.1	U
60851-34-5	234678-HxCDF	8.1	U	8.8	U	6.4	U	11.3	U	9.5	U	9.	U
72918-21-9	123789-HxCDF	9.	U	9.8	U	7.1	U	12.5	U	10.5	U	10.	U
67562-39-4	1234678-HpCDF	6.5	U	7.	U	5.1	U	9.8	U	8.2	U	7.5	U
55673-89-7	1234789-HpCDF	9.7	U	10.5	U	7.7	U	14.8	U	12.7	U	11.2	U
39001-02-0	OCDF	11.4	U	12.9	U	9.	U	19.7	U	21.1	U	14.4	U
41903-57-5	Total Tetra-Dioxins	9.2	U	9.2	U	7.3	U	10.	U	9.5	U	9.	U
36088-22-9	Total Penta-Dioxins	12.6	U	13.3	U	9.6	U	15.6	U	15.4	U	12.6	U
34465-46-8	Total Hexa-Dioxins	11.8	U	12.5	U	9.2	U	16.9	U	13.4	U	13.	U
37871-00-4	Total Hepta-Dioxins	12.8	U	14.3	U	10.2	U	19.5	U	16.	U	15.7	U
55722-27-5	Total Tetra-Furans	6.7	U	7.	U	5.4	U	7.8	U	6.1	U	6.8	U
55684-94-1	Total Hexa-Furans	7.7	U	8.4	U	6.1	U	10.8	U	9.2	U	8.6	U
38998-75-3	Total Hepta-Furans	7.8	U	8.4	U	6.1	U	11.8	U	9.9	U	8.9	U
30602-15-4	Total Penta-Furans	7.7	U	7.9	U	6.1	U	9.6	U	NR		7.6	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DIOXIN

SAMPLE ID ------->	GDA-H-W02D-03		GDA-G-W03D-03		
ORIGINAL ID ----->	GDAHW02D03		GDAGW03D03		
LAB SAMPLE ID --->	129-58-4A		129-58-10A		
ID FROM REPORT -->	GDAHW02D03		GDAGW03D03		
SAMPLE DATE ----->	06/24/96		06/25/96		
DATE EXTRACTED -->	07/05/96		07/05/96		
DATE ANALYZED --->	07/10/96		07/10/96		
MATRIX ---------->	Water		Water		
UNITS ---------->	PG/L		PG/L		
CAS # Parameter	L7308D	VAL	L7308D	VAL	
1746-01-6 2378-TCDD	6.8	U	8.7	U	
40321-76-4 12378-PeCDD	10.7	U	11.6	U	
39227-28-6 123478-HxCDD	13.3	U	13.5	U	
57653-85-7 123678-HxCDD	11.2	U	11.4	U	
19408-74-3 123789-HxCDD	11.4	U	11.6	U	
35822-46-9 1234678-HpCDD	14.1	U	15.2	U	
3268-87-9 OCDD	18.4	U	18.	U	
51207-31-9 2378-TCDF	5.2	U	6.9	U	
57117-41-6 12378-PeCDF	6.5	U	7.4	U	
57117-31-4 23478-PeCDF	6.4	U	7.2	U	
70648-26-9 123478-HxCDF	7.6	U	8.	U	
57117-44-9 123678-HxCDF	6.	U	6.3	U	
60851-34-5 234678-HxCDF	7.6	U	8.1	U	
72918-21-9 123789-HxCDF	8.5	U	8.9	U	
67562-39-4 1234678-HpCDF	6.8	U	6.9	U	
55673-89-7 1234789-HpCDF	10.1	U	10.4	U	
39001-02-0 OCDF	14.3	U	14.	U	
41903-57-5 Total Tetra-Dioxins	6.8	U	15.9		
36088-22-9 Total Penta-Dioxins	10.7	U	11.6	U	
34465-46-8 Total Hexa-Dioxins	11.9	U	12.1	U	
37871-00-4 Total Hepta-Dioxins	14.1	U	15.2	U	
55722-27-5 Total Tetra-Furans	5.2	U	6.9	U	
55684-94-1 Total Hexa-Furans	7.3	U	7.7	U	
38998-75-3 Total Hepta-Furans	8.1	U	8.3	U	
30602-15-4 Total Penta-Furans	6.5	U	7.3	U	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME													
	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-03		GDA-G-W002-04		GDA-G-W003-03		GDA-G-W003-04	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	LAB SAMPLE ID --->	L7310-1		6450-01		L7310-3		6468-01		L7317-1		6458-01	
	ID FROM REPORT -->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		10/17/96		06/25/96		10/16/96	
	DATE EXTRACTED -->	06/25/96				06/25/96				06/26/96			
	DATE ANALYZED --->	06/25/96		10/16/96		06/25/96		10/18/96		06/26/96		10/17/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	6414	VAL	L7317I	VAL	6434	VAL
18540-29-9	Chromium (Hexavalent)	0.003	U	0.02	U	0.003	U	0.02	U	0.003	U	0.02	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME

	SAMPLE ID ------->	GDA-G-W01D-03		GDA-G-W01D-04		GDA-H-W02D-02		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04	
	ORIGINAL ID ----->	GDAGW01D03		GDAGW01D04		GDAHW02D02		GDAGW02D03		GDAHW02D03		GDAGW02D04	
	LAB SAMPLE ID --->	L7310-2		6450-02		L6914-1		L7310-4		L7309-1		6468-02	
	ID FROM REPORT -->	GDAGW01D03		GDAGW01D04		GDAHW02D02		GDAGW02D03		GDAHW02D03		GDAGW02D04	
	SAMPLE DATE ----->	06/24/96		10/15/96		04/25/96		06/24/96		06/24/96		10/17/96	
	DATE EXTRACTED -->	06/25/96				04/26/96		06/25/96		06/25/96			
	DATE ANALYZED --->	06/25/96		10/16/96		04/26/96		06/25/96		06/25/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L6914I	VAL	L7310I	VAL	L7309I	VAL	6468	VAL
18540-29-9	Chromium (Hexavalent)	0.003	U	0.02	U	0.004	J	0.003	U	0.003	U	0.02	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

HEXACHROME							
	SAMPLE ID ------->	GDA-H-W02D-04	GDA-G-W03D-03	GDA-G-W03D-04			
	ORIGINAL ID ----->	GDAHW02D04	GDAGW03D03	GDAGW03D04			
	LAB SAMPLE ID --->	6468-03	L7317-2	6458-02			
	ID FROM REPORT -->	GDAHW02D04	GDAGW03D03	GDAGW03D04			
	SAMPLE DATE ----->	10/17/96	06/25/96	10/16/96			
	DATE EXTRACTED -->		06/26/96				
	DATE ANALYZED --->	10/18/96	06/26/96	10/17/96			
	MATRIX ---------->	Water	Water	Water			
	UNITS ---------->	MG/L	MG/L	MG/L			
CAS #	Parameter	6468 VAL	L7317I VAL	6434 VAL			
18540-29-9	Chromium (Hexavalent)	0.02 U	0.003 U	0.02 U			

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

ULFATE	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-03		GDA-G-W002-04		GDA-G-W003-03		GDA-G-W003-04	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	LAB SAMPLE ID --->	L7310-28		6450-01		L7310-30		6468-01		L7317-36		6458-01	
	ID FROM REPORT -->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		10/17/96		06/25/96		10/16/96	
	DATE EXTRACTED -->	06/29/96				06/29/96				06/29/96			
	DATE ANALYZED --->	06/29/96		10/21/96		06/29/96		10/24/96		06/29/96		10/21/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L73101	VAL	6434	VAL	L73101	VAL	6414	VAL	L73171	VAL	6434	VAL
14808-79-8	Sulfate	11.		10.	U	7.2		590.		47.		328.	

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SULFATE													
	SAMPLE ID ------->	GDA-G-W01D-03		GDA-G-W01D-04		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04		GDA-H-W02D-04	
	ORIGINAL ID ----->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	LAB SAMPLE ID --->	L7310-29		6450-02		L7310-31		L7309-7		6468-02		6468-03	
	ID FROM REPORT -->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		06/24/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	06/29/96				06/29/96		06/29/96					
	DATE ANALYZED --->	06/29/96		10/21/96		06/29/96		06/29/96		10/24/96		10/24/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	L7309I	VAL	6468	VAL	6468	VAL
14808-79-8	Sulfate	240.		2150.		450.		490.		408.	U	10.	U

*** Validation Complete ***

ULFATE

SAMPLE ID ------->	GDA-G-W03D-03		GDA-G-W03D-04				
ORIGINAL ID ----->	GDAGW03D03		GDAGW03D04				
LAB SAMPLE ID --->	L7317-37		6458-02				
ID FROM REPORT -->	GDAGW03D03		GDAGW03D04				
SAMPLE DATE ----->	06/25/96		10/16/96				
DATE EXTRACTED -->	06/29/96						
DATE ANALYZED --->	06/29/96		10/21/96				
MATRIX ---------->	Water		Water				
UNITS ---------->	MG/L		MG/L				
CAS # Parameter	L73171	VAL	6434	VAL			
14808-79-8 Sulfate	2100.		193000.				

*** Validatic Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW-VOA													
	SAMPLE ID ------->	GDA-G-W001-04		GDA-G-W003-04		GDA-G-W01D-04		GDA-G-W02D-04		GDA-H-W02D-04		GDA-G-W03D-04	
	ORIGINAL ID ----->	GDAGW00104		GDAGW00304		GDAGW01D04		GDAGW02D04		GDAHW02D04		GDAGW03D04	
	LAB SAMPLE ID --->	6450-01		6458-01		6450-02		6468-02		6468-03		6458-02	
	ID FROM REPORT -->	GDAGW00104		GDAGW00304		GDAGW01D04		GDAGW02D04		GDAHW02D04		GDAGW03D04	
	SAMPLE DATE ----->	10/15/96		10/16/96		10/15/96		10/17/96		10/17/96		10/16/96	
	DATE EXTRACTED -->			10/15/96						11/08/96			
	DATE ANALYZED --->	10/18/96		10/22/96		10/22/96		10/25/96		10/25/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	6434	VAL	6434	VAL	6434	VAL	6468	VAL	6468	VAL	6434	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	UJ	10.	UJ	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	UJ	160.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	UJ	10.	UJ	10.	U	10.	U	10.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	5.	U	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	UR	5.	UJ	5.	UJ	5.	U	5.	U	5.	UJ
75-25-2	Bromoform	5.	UJ	5.	UJ	5.	UJ	5.	U	5.	U	5.	UJ
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

W846 META

SAMPLE ID ------->	GDA-G-W002-04
ORIGINAL ID ----->	GDAGW00204
LAB SAMPLE ID --->	6468-01
ID FROM REPORT -->	GDAGW00204
SAMPLE DATE ----->	10/17/96
DATE EXTRACTED -->	11/08/96
DATE ANALYZED --->	11/12/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	6414	VAL
7440-36-0	Antimony (Sb)	4.	J
7440-38-2	Arsenic (As)	2.1	UJ
7440-39-3	Barium (Ba)	98.1	J
7440-41-7	Beryllium (Be)	0.16	U
7440-43-9	Cadmium (Cd)	0.22	U
7440-47-3	Chromium (Cr)	9.6	J
7440-48-4	Cobalt (Co)	0.67	U
7440-50-8	Copper (Cu)	7.1	U
7439-92-1	Lead (Pb)	3.2	J
7439-97-6	Mercury (Hg)	0.1	U
7440-02-0	Nickel (Ni)	0.67	U
7782-49-2	Selenium (Se)	2.1	U
7440-22-4	Silver (Ag)	1.	U
7440-28-0	Thallium (Tl)	3.1	U
7440-62-2	Vanadium (V)	8.1	J
7440-66-6	Zinc (Zn)	15.4	UJ
7440-31-5	Tin (Sn)	54.8	U
7429-90-5	Aluminum (Al)	5220.	J
7440-70-2	Calcium (Ca)	150000.	
7439-89-6	Iron (Fe)	14400.	
7439-95-4	Magnesium (Mg)	32900.	
7439-96-5	Manganese (Mn)	166.	
7440-09-7	Potassium (K)	26800.	
7440-23-5	Sodium (Na)	60600.	J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-DIOX															
	SAMPLE ID ------->	GDA-G-W001-04		GDA-G-W002-04		GDA-G-W003-04		GDA-G-W01D-04		GDA-G-W02D-04		GDA-H-W02D-04	
	ORIGINAL ID ----->	GDAGW00104		GDAGW00204		GDAGW00304		GDAGW01D04		GDAGW02D04		GDAHW02D04	
	LAB SAMPLE ID --->	27324.01		27361.01		27335.01		27324.02		27361.02		27362.01	
	ID FROM REPORT -->	GDAGW00104		GDAGW00204		GDAGW00304		GDAGW01D04		GDAGW02D04		GDAHW02D04	
	SAMPLE DATE ----->	10/15/96		10/17/96		10/16/96		10/15/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	10/17/96		10/18/96		10/17/96		10/17/96		10/18/96		10/18/96	
	DATE ANALYZED --->	10/24/96		10/24/96		10/23/96		10/24/96		10/24/96		10/24/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	PG/L		PG/L		PG/L		PG/L		PG/L		PG/L	
CAS #	Parameter	27324	VAL	27324	VAL	27324	VAL	27324	VAL	27324	VAL	27324	VAL
1746-01-6	2378-TCDD	2.	U	2.03	U	2.73	U	2.11	U	3.59	U	2.4	U
40321-76-4	12378-PeCDD	2.05	U	2.37	U	3.36	U	2.9	U	2.66	U	2.34	U
39227-28-6	123478-HxCDD	1.83	U	2.01	U	4.7	U	2.23	U	3.97	U	3.42	U
57653-85-7	123678-HxCDD	1.33	U	1.46	U	3.41	U	1.62	U	2.88	U	2.49	U
19408-74-3	123789-HxCDD	1.38	U	1.52	U	3.55	U	1.69	U	3.	U	2.59	U
35822-46-9	1234678-HpCDD	5.89		2.58	U	3.48	U	2.63	U	16.7	EMPC	1.9	U
3268-87-9	OCDD	27.1	EMPC	42.5	EMPC	34.9	EMPC	14.2	EMPC	272.		15.7	EMPC
51207-31-9	2378-TCDF	1.32	U	2.13	U	3.44	U	2.62	U	3.56	U	2.53	U
57117-41-6	12378-PeCDF	1.34	U	1.53	U	2.32	U	1.76	U	1.9	U	1.22	U
57117-31-4	23478-PeCDF	1.29	U	1.47	U	2.24	U	1.7	U	1.83	U	1.18	U
70648-26-9	123478-HxCDF	0.871	U	1.14	U	3.66	U	1.18	U	2.18	U	2.19	U
57117-44-9	123678-HxCDF	0.634	U	0.827	U	2.67	U	0.861	U	1.59	U	1.6	U
72918-21-9	123789-HxCDF	0.858	U	1.12	U	3.61	U	1.17	U	2.15	U	2.16	U
60851-34-5	234678-HxCDF	4.27	EMPC	1.06	U	3.41	U	1.1	U	2.04	U	2.04	U
67562-39-4	1234678-HpCDF	49.4		1.44	U	3.33	U	10.9	EMPC	3.15	U	4.79	EMPC
55673-89-7	1234789-HpCDF	1.68	U	1.66	U	3.84	U	2.24	U	3.63	U	1.91	U
39001-02-0	OCDF	80.2		1.66	U	1.61	U	13.3	EMPC	3.27	U	6.32	EMPC
41903-57-5	Total Tetra-Dioxins	2.	U	2.03	U	2.73	U	2.11	U	3.59	U	2.4	U
36088-22-9	Total Penta-Dioxins	2.05	U	2.37	U	3.36	U	2.9	U	2.66	U	2.34	U
34465-46-8	Total Hexa-Dioxins	1.33	U	4.35		3.41	U	1.62	U	2.88	U	2.49	U
37871-00-4	Total Hepta-Dioxins	5.89		9.66		3.48	U	2.63	U	4.07	U	1.9	U
55722-27-5	Total Tetra-Furans	1.32	U	2.13	U	3.44	U	2.62	U	3.56	U	2.53	U
30602-15-4	Total Penta-Furans	1.29	U	1.47	U	2.24	U	1.7	U	1.83	U	1.18	U
55684-94-1	Total Hexa-Furans	0.634	U	0.827	U	2.67	U	0.861	U	1.59	U	1.6	U
38998-75-3	Total Hepta-Furans	49.4		1.44	U	3.33	U	1.94	U	3.15	U	1.66	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-D10X

SAMPLE ID ------->	GDA-G-W03D-04
ORIGINAL ID ----->	GDAGW03D04
LAB SAMPLE ID --->	27335.02
ID FROM REPORT -->	GDAGW03D04
SAMPLE DATE ----->	10/16/96
DATE EXTRACTED -->	10/17/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Water
UNITS ----------->	PG/L

CAS #	Parameter	27324	VAL
1746-01-6	2378-TCDD	4.5	U
40321-76-4	12378-PeCDD	3.1	U
39227-28-6	123478-HxCDD	5.29	U
57653-85-7	123678-HxCDD	3.84	U
19408-74-3	123789-HxCDD	4.	U
35822-46-9	1234678-HpCDD	5.83	U
3268-87-9	OCDD	11.7	EMPC
51207-31-9	2378-TCDF	4.77	U
57117-41-6	12378-PeCDF	2.63	U
57117-31-4	23478-PeCDF	2.54	U
70648-26-9	123478-HxCDF	2.85	U
57117-44-9	123678-HxCDF	2.07	U
72918-21-9	123789-HxCDF	2.81	U
60851-34-5	234678-HxCDF	2.65	U
67562-39-4	1234678-HpCDF	3.16	U
55673-89-7	1234789-HpCDF	3.64	U
39001-02-0	OCDF	3.41	U
41903-57-5	Total Tetra-Dioxins	16.5	
36088-22-9	Total Penta-Dioxins	3.1	U
34465-46-8	Total Hexa-Dioxins	3.84	U
37871-00-4	Total Hepta-Dioxins	5.83	U
55722-27-5	Total Tetra-Furans	4.77	U
30602-15-4	Total Penta-Furans	2.54	U
55684-94-1	Total Hexa-Furans	2.07	U
38998-75-3	Total Hepta-Furans	3.16	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	GDA-G-W001-02		GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-02		GDA-G-W002-03		GDA-G-W003-02	
	ORIGINAL ID ----->	GDAGW00102		GDAGW00103		GDAGW00104		GDAGW00202		GDAGW00203		GDAGW00302	
	LAB SAMPLE ID --->	L6916-12		L7310-20		6450-01		L6926-1		L7310-22		L6926-5	
	ID FROM REPORT -->	GDAGW00102		GDAGW00103		GDAGW00104		GDAGW00202		GDAGW00203		GDAGW00302	
	SAMPLE DATE ----->	04/25/96		06/24/96		10/15/96		04/29/96		06/24/96		04/29/96	
	DATE EXTRACTED -->	05/07/96		07/09/96		10/25/96		05/10/96		07/09/96		05/10/96	
	DATE ANALYZED --->	05/09/96		07/11/96		10/30/96		05/16/96		07/11/96		05/16/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6916W	VAL	L7310	VAL	6434	VAL	L6926W	VAL	L7310	VAL	L6926W	VAL
7429-90-5	Aluminum (Al)	491.	U	65.6	J	235.	UJ	1600.		451.		1850.	
7440-36-0	Antimony (Sb)	4.	U	9.	U	2.	UR	4.	U	9.	U	4.	U
7440-38-2	Arsenic (As)	7.9	UJ	3.	U	2.6	J	3.7	U	4.4	J	7.3	U
7440-39-3	Barium (Ba)	19.7	U	24.9	J	74.2	J	76.	U	71.1	J	21.8	U
7440-41-7	Beryllium (Be)	1.	U	1.	U	0.98	UJ	1.	U	1.	U	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	1.2	J	5.	U	3.	U	5.	U
7440-70-2	Calcium (Ca)	79500.		98500.		85400.		150000.	J	121000.		60600.	J
7440-47-3	Chromium (Cr)	6.	U	6.	U	7.4	J	6.	U	6.	U	6.	U
7440-48-4	Cobalt (Co)	7.	U	4.	U	10.3	J	7.	U	4.	U	7.	U
7440-50-8	Copper (Cu)	8.8	J	6.	U	11.2	UR	7.	U	6.	U	7.	U
7439-89-6	Iron (Fe)	18300.		7320.		8960.	J	13900.		16900.		8880.	
7439-92-1	Lead (Pb)	2.	U	2.	U	1.4	UR	2.	U	2.	U	2.	U
7439-95-4	Magnesium (Mg)	19000.		25300.		48400.		37300.		41600.		91900.	
7439-96-5	Manganese (Mn)	343.		577.		305.	J	158.	J	134.		96.	J
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.11	UJ	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel (Ni)	13.	U	12.	U	9.4	J	13.	UJ	12.	U	13.	UJ
7440-09-7	Potassium (K)	4350.	J	5140.		23600.	J	19400.		23500.		36800.	
7782-49-2	Selenium (Se)	3.	UJ	3.	U	2.2	U	3.	U	3.	U	3.	U
7440-22-4	Silver (Ag)	7.	UJ	6.	U	1.3	J	7.	UJ	6.	U	7.	UJ
7440-23-5	Sodium (Na)	12400.	U	15500.		229000.		61000.	U	71700.		698000.	
7440-28-0	Thallium (Tl)	3.	U	3.	U	3.1	UR	3.	U	3.	U	3.	U
7440-62-2	Vanadium (V)	7.	U	6.	U	13.6	J	7.	U	6.	U	7.7	J
7440-66-6	Zinc (Zn)	16.1	U	6.5	U	48.5	UR	13.7	U	7.3	U	16.7	U
7440-31-5	Tin (Sn)	33.	U	15.	U	54.8	UJ	33.	U	15.	U	33.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

	SAMPLE ID ------->	GDA-G-W003-03		GDA-G-W003-04		GDA-G-W01D-02		GDA-G-W01D-03		GDA-G-W01D-04		GDA-G-W02D-02	
	ORIGINAL ID ----->	GDAGW00303		GDAGW00304		GDAGW01D02		GDAGW01D03		GDAGW01D04		GDAGW02D02	
	LAB SAMPLE ID --->	L7317-28		6458-01		L6916-13		L7310-21		6450-02		L6916-14	
	ID FROM REPORT -->	GDAGW00303		GDAGW00304		GDAGW01D02		GDAGW01D03		GDAGW01D04		GDAGW02D02	
	SAMPLE DATE ----->	06/25/96		10/16/96		04/25/96		06/24/96		10/15/96		04/25/96	
	DATE EXTRACTED -->	07/09/96		10/25/96		05/07/96		07/09/96		10/25/96		05/07/96	
	DATE ANALYZED --->	07/11/96		10/30/96		05/09/96		07/11/96		10/30/96		05/09/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7317M	VAL	6434	VAL	L6916W	VAL	L7310	VAL	6434	VAL	L6916W	VAL
7429-90-5	Aluminum (Al)	600.		264.	UJ	54.9	U	114.	J	19.2	UJ	51.	U
7440-36-0	Antimony (Sb)	9.	U	2.	UR	13.1	U	9.	U	2.	UR	6.4	U
7440-38-2	Arsenic (As)	7.4	J	4.9	J	10.5	UJ	8.	J	11.1	J	2.	UJ
7440-39-3	Barium (Ba)	25.	J	20.8	J	55.1	U	38.8	J	35.9	J	167.	U
7440-41-7	Beryllium (Be)	1.	U	0.11	UJ	1.	U	1.	U	0.11	UJ	1.	U
7440-43-9	Cadmium (Cd)	3.	U	0.22	U	5.	U	3.	U	0.22	U	5.	U
7440-70-2	Calcium (Ca)	57600.	J	49100.		74500.		47400.		45100.		171000.	
7440-47-3	Chromium (Cr)	6.	U	0.78	UJ	6.	U	6.	U	1.6	J	6.	U
7440-48-4	Cobalt (Co)	4.	U	0.67	UJ	7.	U	4.	U	0.67	UJ	19.5	J
7440-50-8	Copper (Cu)	6.	U	10.5	UR	7.6	J	6.	U	1.3	UR	7.	U
7439-89-6	Iron (Fe)	9860.		8390.	J	7760.		7040.		5120.	J	22300.	
7439-92-1	Lead (Pb)	2.	U	1.8	J	2.	U	2.	U	1.4	UR	10.	U
7439-95-4	Magnesium (Mg)	86200.		15600.		141000.		93200.		96500.		423000.	
7439-96-5	Manganese (Mn)	94.6	J	94.	J	301.		204.		183.	J	2310.	
7439-97-6	Mercury (Hg)	0.2	U	0.11	UJ	0.2	U	0.2	U	0.1	UJ	0.2	U
7440-02-0	Nickel (Ni)	12.	U	0.67	UJ	16.2	U	12.	U	0.67	UJ	13.	U
7440-09-7	Potassium (K)	33800.		18000.	J	36600.		23500.		63100.	J	127000.	
7782-49-2	Selenium (Se)	3.	UJ	2.1	U	3.	UJ	3.	U	2.1	U	3.	UJ
7440-22-4	Silver (Ag)	6.	UJ	1.	UJ	7.	UJ	6.	U	6.	J	7.	UJ
7440-23-5	Sodium (Na)	651000.		94200.		978000.		672000.		642000.		3700000.	
7440-28-0	Thallium (Tl)	3.	UJ	3.1	UR	3.	U	3.	U	3.1	UR	15.	U
7440-62-2	Vanadium (V)	6.	U	1.3	J	7.	U	6.	U	0.44	U	7.	U
7440-66-6	Zinc (Zn)	6.5	U	34.4	UR	12.5	U	6.8	U	30.	UR	16.4	U
7440-31-5	Tin (Sn)	15.	U	54.8	UJ	33.	U	15.	U	54.8	UJ	33.	U

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-META

SAMPLE ID ------->		GDA-H-W02D-02		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04		GDA-H-W02D-04		GDA-G-W03D-02	
ORIGINAL ID ----->		GDAHW02D02		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04		GDAGW03D02	
LAB SAMPLE ID --->		L6914-2		L7310-23		L7309-5		6468-02		6468-03		L6926-2	
ID FROM REPORT -->		GDAHW02D02		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04		GDAGW03D02	
SAMPLE DATE ----->		04/25/96		06/24/96		06/24/96		10/17/96		10/17/96		04/29/96	
DATE EXTRACTED -->		05/07/96		07/09/96		07/09/96		11/08/96		11/08/96		05/10/96	
DATE ANALYZED --->		05/09/96		07/11/96		07/11/96		11/12/96		11/12/96		05/16/96	
MATRIX ---------->		Water		Water		Water		Water		Water		Water	
UNITS ---------->		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L6914W	VAL	L7310	VAL	L7309M	VAL	6468	VAL	6468	VAL	L6926W	VAL
7429-90-5	Aluminum (Al)	58.9	U	73.2	J	48.	U	1580.	J	1530.	J	36.	U
7440-36-0	Antimony (Sb)	12.1	U	9.	U	9.	U	20.	U	20.	U	7.1	J
7440-38-2	Arsenic (As)	2.	UJ	3.	U	3.	U	21.1	U	21.1	U	10.	U
7440-39-3	Barium (Ba)	173.	U	182.	J	176.	J	161.	J	168.	J	64.8	U
7440-41-7	Beryllium (Be)	1.	U	1.	U	1.	U	3.3	J	1.1	UJ	1.	U
7440-43-9	Cadmium (Cd)	5.	U	3.	U	3.	U	2.2	U	2.2	U	5.	U
7440-70-2	Calcium (Ca)	176000.		177000.		174000.		192000.		196000.		411000.	J
7440-47-3	Chromium (Cr)	6.	U	6.	U	6.	U	55.4	J	42.3	J	6.	U
7440-48-4	Cobalt (Co)	13.7	J	18.6	J	17.2	J	28.7	J	18.1	J	7.	U
7440-50-8	Copper (Cu)	7.	U	7.8	J	6.	U	21.4	J	23.6	J	7.	J
7439-89-6	Iron (Fe)	22900.		22700.		22300.		21300.		21900.		87.6	U
7439-92-1	Lead (Pb)	10.	U	10.	U	10.	U	14.4	UJ	14.4	UJ	10.	U
7439-95-4	Magnesium (Mg)	436000.		438000.		431000.		479000.	J	490000.	J	1540000.	
7439-96-5	Manganese (Mn)	2380.		2480.		2430.		2660.	J	2720.	J	1220.	J
7439-97-6	Mercury (Hg)	0.2	U	0.2	U	0.2	U	0.1	U	0.1	U	0.2	U
7440-02-0	Nickel (Ni)	20.4	U	12.	U	12.	U	6.7	UJ	6.7	UJ	13.	UJ
7440-09-7	Potassium (K)	131000.		130000.		127000.		261000.	J	272000.	J	369000.	
7782-49-2	Selenium (Se)	3.	UJ	15.	U	15.	U	21.1	U	21.1	U	30.	U
7440-22-4	Silver (Ag)	7.	U	9.6	J	6.	U	30.9	J	10.3	J	7.	UJ
7440-23-5	Sodium (Na)	3660000.		3950000.		3830000.		3580000.		3950000.		11100000.	
7440-28-0	Thallium (Tl)	15.	U	15.	U	15.	U	31.1	U	31.1	U	23.	J
7440-62-2	Vanadium (V)	7.	U	6.	U	6.	U	4.4	UJ	4.4	UJ	7.	U
7440-66-6	Zinc (Zn)	13.4	U	3.5	U	10.3	U	8.9	UJ	8.9	UJ	7.8	U
7440-31-5	Tin (Sn)	33.	U	22.3	U	15.9	U	81.5	J	118.		33.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-META

SAMPLE ID ------->	GDA-G-W03D-03		GDA-G-W03D-04				
ORIGINAL ID ----->	GDAGW03D03		GDAGW03D04				
LAB SAMPLE ID --->	L7317-29		6458-02				
ID FROM REPORT -->	GDAGW03D03		GDAGW03D04				
SAMPLE DATE ----->	06/25/96		10/16/96				
DATE EXTRACTED -->	07/09/96		10/25/96				
DATE ANALYZED --->	07/11/96		10/31/96				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS # Parameter	L7317M	VAL	6434	VAL			
7429-90-5 Aluminum (Al)	48.	U	1180.	J			
7440-36-0 Antimony (Sb)	9.	U	100.	UR			
7440-38-2 Arsenic (As)	15.	UJ	106.	UR			
7440-39-3 Barium (Ba)	71.5	J	73.3	J			
7440-41-7 Beryllium (Be)	1.	U	5.6	UJ			
7440-43-9 Cadmium (Cd)	3.	U	11.1	U			
7440-70-2 Calcium (Ca)	442000.	J	524000.				
7440-47-3 Chromium (Cr)	6.	U	136.	J			
7440-48-4 Cobalt (Co)	4.	U	33.3	UJ			
7440-50-8 Copper (Cu)	6.	U	445.	J			
7439-89-6 Iron (Fe)	119.	U	583.	UJ			
7439-92-1 Lead (Pb)	18.5		72.2	UR			
7439-95-4 Magnesium (Mg)	1410000.		1590000.				
7439-96-5 Manganese (Mn)	1310.	J	1700.	J			
7439-97-6 Mercury (Hg)	0.2	U	0.11	UJ			
7440-02-0 Nickel (Ni)	12.	U	74.4	J			
7440-09-7 Potassium (K)	360000.		606000.	J			
7782-49-2 Selenium (Se)	30.	UJ	106.	U			
7440-22-4 Silver (Ag)	6.	UJ	50.	UJ			
7440-23-5 Sodium (Na)	9970000.		8970000.				
7440-28-0 Thallium (Tl)	17.	J	156.	UR			
7440-62-2 Vanadium (V)	6.	U	22.2	U			
7440-66-6 Zinc (Zn)	5.5	U	1440.	J			
7440-31-5 Tin (Sn)	22.9	U	111.	J			

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

SW846-VOA

	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W002-03		GDA-G-W003-03		GDA-G-W01D-03		GDA-G-W02D-03		GDA-G-W03D-03	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAGW02D03		GDAGW03D03	
	LAB SAMPLE ID --->	L7310-5		L7310-11		L7317-8		L7310-8		L7310-14		L7317-11	
	ID FROM REPORT -->	GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAGW02D03		GDAGW03D03	
	SAMPLE DATE ----->	06/24/96		06/24/96		06/25/96		06/24/96		06/24/96		06/25/96	
	DATE ANALYZED --->	06/27/96		06/28/96		06/29/96		06/28/96		06/28/96		06/30/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7310	VAL	L7310	VAL	L7317	VAL	L7310	VAL	L7310	VAL	L7317	VAL
74-87-3	Chloromethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	U
74-83-9	Bromomethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	11.	U
75-15-0	Carbon disulfide	5.	U	5.	U	1.1	J	5.	U	5.	U	4.9	J
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	10.	U	4.	J
71-55-6	1,1,1-Trichloroethane	2.1	J	5.	U	5.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-69-4	Trichlorofluoromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-47-6	o-Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

GW846-VOA

SAMPLE ID ------->		GDA-G-W001-03		GDA-G-W002-03		GDA-G-W003-03		GDA-G-W01D-03		GDA-G-W02D-03		GDA-G-W03D-03	
ORIGINAL ID ----->		GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAGW02D03		GDAGW03D03	
LAB SAMPLE ID --->		L7310-5		L7310-11		L7317-8		L7310-8		L7310-14		L7317-11	
ID FROM REPORT -->		GDAGW00103		GDAGW00203		GDAGW00303		GDAGW01D03		GDAGW02D03		GDAGW03D03	
SAMPLE DATE ----->		06/24/96		06/24/96		06/25/96		06/24/96		06/24/96		06/25/96	
DATE ANALYZED --->		06/27/96		06/28/96		06/29/96		06/28/96		06/28/96		06/30/96	
MATRIX ---------->		Water		Water		Water		Water		Water		Water	
UNITS ---------->		UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	L7310	VAL	L7310	VAL	L7317	VAL	L7310	VAL	L7310	VAL	L7317	VAL
541-73-1	1,3-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
)99900-05-0	m+p Xylene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	NR		NR		NR		NR		NR		NR	
1330-20-7	Xylene (Total)	NR		NR		NR		NR		NR		NR	

*** Validati. Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	GDA-G-W001-03		GDA-G-W001-04		GDA-G-W002-03		GDA-G-W002-04		GDA-G-W003-03		GDA-G-W003-04	
	ORIGINAL ID ----->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	LAB SAMPLE ID --->	L7310-28		6450-01		L7310-30		6468-01		L7317-36		6458-01	
	ID FROM REPORT -->	GDAGW00103		GDAGW00104		GDAGW00203		GDAGW00204		GDAGW00303		GDAGW00304	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		10/17/96		06/25/96		10/16/96	
	DATE EXTRACTED -->	06/27/96				06/27/96				06/27/96			
	DATE ANALYZED --->	06/27/96		10/18/96		06/27/96		10/18/96		06/27/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	6414	VAL	L7317I	VAL	6434	VAL
999900-07-2	Total Dissolved Solids (TDS)	90.		268.		590.		12000.		2700.		500.	

*** Validation Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

DS													
	SAMPLE ID ------->	GDA-G-W01D-03		GDA-G-W01D-04		GDA-G-W02D-03		GDA-H-W02D-03		GDA-G-W02D-04		GDA-H-W02D-04	
	ORIGINAL ID ----->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	LAB SAMPLE ID --->	L7310-29		6450-02		L7310-31		L7309-7		6468-02		6468-03	
	ID FROM REPORT -->	GDAGW01D03		GDAGW01D04		GDAGW02D03		GDAHW02D03		GDAGW02D04		GDAHW02D04	
	SAMPLE DATE ----->	06/24/96		10/15/96		06/24/96		06/24/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	06/27/96				06/27/96		06/27/96					
	DATE ANALYZED --->	06/27/96		10/18/96		06/27/96		06/27/96		10/18/96		10/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	L7310I	VAL	6434	VAL	L7310I	VAL	L7309I	VAL	6468	VAL	6468	VAL
99900-07-2	Total Dissolved Solids (TDS)	2300.		2380.		13000.		12000.		12200.	J	648.	J

*** Validati Complete ***

APPENDIX D
NAVBASE CHARLESTON - ZONE A
ANALYTICAL DATA

TDS

	SAMPLE ID ------->	GDA-G-W03D-03		GDA-G-W03D-04				
	ORIGINAL ID ----->	GDAGW03D03		GDAGW03D04				
	LAB SAMPLE ID --->	L7317-37		6458-02				
	ID FROM REPORT -->	GDAGW03D03		GDAGW03D04				
	SAMPLE DATE ----->	06/25/96		10/16/96				
	DATE EXTRACTED -->	06/27/96						
	DATE ANALYZED --->	06/27/96		10/18/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	MG/L		MG/L				
CAS #	Parameter	L7317I	VAL	6434	VAL			
999900-07-2	Total Dissolved Solids (TDS)	36000.		194000.				

*** Validation Complete ***

Appendix E

Validation Reports

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25061A
Date:	April 24, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 26, 1996
Number of Samples:	2 Non-aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Pesticide/PCB's, Gasoline Range Organics, Diesel Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Kimberly S. Shepp — 24 April 1996

for Eugene M. Watson, Vice President — Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25061A

Samples and Fractions Reviewed

Sample Identifications Analytical Fractions

ENSAFE ID	MATRIX	P/P		GRO		DRO	
038CB01001	SOIL		X				
039CB02701	SOIL				X		X
Total Billable Samples (Water/Soil)		0	1	0	1	0	1

P/P = SW846 Pesticide/PCB's
DRO = SW846 Diesel Range Organics
GRO = SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25061A

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG 25061A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Calibrations

Two (2) CCVs exhibited non-compliant %Ds which required qualification of sample results.

Specific Finding

The CCVs INDAL31Q and INDAL31R exhibited non-compliant %D for the compound 4,4'-DDT that was above 15% but less than 50%. For the noted sample, the reported positive result was qualified as estimated, J.

038CB01001DL 4,4'-DDT (26.1% & 47.6%)

Compound Quantitation

The sample required dilutions to accurately quantitate the target compounds. Some results were reported with P flags indicated column quantitation %Ds greater than 25%.

Specific Finding

For compounds exhibiting E flagged results, the E flagged results are rejected in favor of the D flagged results in the diluted sample. For the diluted samples, all results except the corresponding D flagged results are rejected.

All P flagged results are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance as acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
All	All E flagged	+	R
All dilutions	All except corresponding D flagged results	+/-	R
All	All P flagged	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25062

A validation was performed on the gasoline data from SDG 25062. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	Calibration
*	•	Blanks
	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
	•	Field Duplicates
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

One (1) sample exhibited surrogate recoveries above the QC limits.

Specific Finding

For the following sample, the positive results are qualified as estimated, J, due to surrogate recoveries above the QC limit.

Sample	Surrogate	%Recovery
039CB02701	naphthalene	368%

Field Duplicates

The field duplicate pair of sample 039SB02701 exhibited non-compliant precision results for the target compound gasoline.

Specific Finding

The reported positive results in the following field duplicate pair are qualified as estimated, J, due to poor duplicate precision (64% RPD).

039SB02701
039CB02701

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039CB02701	gasoline	+	J
039CB02701 039SB02701 (in SDG 25061)	gasoline	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25062

A validation was performed on the diesel data from SDG 25062. The data was evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicates
* • Field Duplicates
* • Compound Identification
* • Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS WERE REQUIRED

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25061B
Date:	April 24, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 26, 1996
Number of Samples:	19 Non-aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Semivolatiles, Pesticide/PCB's, Gasoline Range Organics, Diesel Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Kimberly S. Stopp
for Eugene M. Watson, Vice President

24 April 1996
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25061B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	SVOA		P/P		GRO		DRO	
039SB03102	SOIL						X		X
039SB03101	SOIL						X		X
039SB03002	SOIL						X		X
039SB03001	SOIL						X		X
039SB02702	SOIL						X		X
039SB02701	SOIL						X		X
039SB02302	SOIL						X		X
039SB02301	SOIL		X				X		X
039SB02502	SOIL						X		X
039SB02501	SOIL						X		X
038SB00701	SOIL				X				
038SB00702	SOIL				X				
038SB00801	SOIL				X				
038SB00802	SOIL				X				
038SB00901	SOIL				X				
038SB00902	SOIL				X				
038SB01001	SOIL				X				
038SB01002	SOIL				X				
038SB02501	SOIL				X				
Total Billable Samples	(Water/Soil)	0	1	0	9	0	10	0	10

SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
DRO = SW846 Diesel Range Organics
GRO = SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25061B

A validation was performed on the Semivolatile Data from SDG 25061B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Method Blanks

TICs were detected in the method blank. All B flagged TICs in all samples are rejected, R.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications

.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
ALL	All B flagged TICs	+B	R

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25061B

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG 25061B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Calibrations

The 4,4'-DDT breakdown was above the 20% QC limit in one (1) PEM standard (20.8%). Associated samples exhibited positive results for the breakdown products and 4,4'-DDT. Qualifications were required.

Calibrations, continued

Specific Finding

For the following samples, all positive results for the noted compounds are qualified as estimated, J, if the breakdown products are present with the 4,4'-DDT.

038SB00701
038SB00701DL
038SB00801
038SB01001
038SB01001DL
038SB01002
038SB01002DL

Compound Quantitation

Several samples required dilutions to accurately quantitate the target compounds. Some results were reported with P flags indicated column quantitation %Ds greater than 25%.

Specific Finding

For samples exhibiting E flagged compounds, the E flagged results are rejected in favor of the D flagged results in the diluted sample. For the diluted samples, all results except the corresponding D flagged results are rejected.

All P flagged results are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance as acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
038SB00701	4,4'-DDT	+	J
038SB00701DL	4,4'-DDE		
038SB00801	4,4'-DDD		
038SB01001			
038SB01001DL			
038SB01002			
038SB01002DL			
All	All E flagged	+	R
All dilutions	All except corresponding D flagged results	+/-	R
All	All P flagged	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25061

A validation was performed on the gasoline data from SDG 25061. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- * Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Several of the samples exhibited surrogate recoveries above the QC limits.

Specific Finding

For the following samples, the positive results are qualified as estimated, J, due to surrogate recoveries above the QC limit.

Sample	Surrogate	%Recovery
039SB02501	naphthalene	154%

Surrogate Recoveries, continued

Specific Findings, continued

Sample	Surrogate	%Recovery
039SB02701	naphthalene	169%
039SB03001		156%
039SB03102		149%
039SB03002		259%

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039SB02501	gasoline	+	J
039SB02701			
039SB03001			
039SB03102			
039SB03002			

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25061

A validation was performed on the diesel data from SDG 25061. The data was evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicates
* • Field Duplicates
* • Compound Identification
* • Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS WERE REQUIRED

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25080A
Date:	April 24, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 27, 1996
Number of Samples:	2 Non-aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Pesticide/PCB's, Gasoline Range Organics, Diesel Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Kimberly S. Gropp
for Eugene M. Watson, Vice President

24 April 1996
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25080A

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	P/P		GRO		DRO	
039CB01701	SOIL		X		X		X
039CB02602	SOIL				X		
Total Billable Samples	(Water/Soil)	0	1	0	2	0	1

P/P = SW846 Pesticide/PCB's
DRO = SW846 Diesel Range Organics
GRO = SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25080A

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG 25080A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Calibrations

The 4,4'-DDT breakdown was above the 20% QC limit in one (1) PEM standard (20.8%). Associated samples exhibited positive results for the breakdown products and 4,4'-DDT. Qualifications were required.

Calibrations, continued

Specific Finding

For the following samples, all positive results for the noted compounds are qualified as estimated, J, if the breakdown products are present with the 4,4'-DDT.

039CB01701

Compound Quantitation

One (1) result was reported with a P flag to indicated column quantitation %Ds greater than 25%.

Specific Finding

All P flagged results are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance as acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039CB01701	4,4'-DDT 4,4'-DDE 4,4'-DDD	+	J
All	All P flagged	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25081

A validation was performed on the gasoline data from SDG 25081. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- * Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Several samples exhibited non-compliant surrogate recoveries.

Specific Findings

For the following samples, the positive and non-detect results are qualified as estimated, J/UJ, due to surrogate recoveries below the QC limit.

Sample	Surrogate	%Recovery
039CB01701	naphthalene	53%

DATA ASSESSMENT NARRATIVE
TPH AS GASOLINE

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039CB01701	gasoline	+/-	J/UJ

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25081

A validation was performed on the diesel data from SDG 25081. The data was evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicates
* • Field Duplicates
* • Compound Identification
* • Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25080B
Date:	April 24, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 27, 1996
Number of Samples:	28 Non-aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Semivolatiles, Pesticide/PCB's, Gasoline Range Organics, Diesel Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

for Kimberly S. Gropp
Eugene M. Watson, Vice President

24 April 1996
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25080B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	SVOA		P/P		GRO		DRO	
039SB03202	SOIL						X		X
039SB03201	SOIL						X		X
039SB03502	SOIL						X		X
039SB03501	SOIL						X		X
039SB03402	SOIL						X		X
039SB03401	SOIL						X		X
039SB02902	SOIL						X		X
039SB02901	SOIL						X		X
039SB02802	SOIL						X		X
039SB02801	SOIL						X		X
039SB02602	SOIL						X		X
039SB02601	SOIL						X		X
039SB02402	SOIL						X		X
039SB02401	SOIL		X				X		X
039SB02202	SOIL						X		X
039SB02201	SOIL		X				X		X
039SB02102	SOIL						X		X
039SB02101	SOIL						X		X
039SB02002	SOIL						X		X
039SB02001	SOIL				X		X		X
039SB01902	SOIL						X		X
039SB01901	SOIL						X		X
039SB01802	SOIL						X		X
039SB01801	SOIL				X		X		X
039SB01702	SOIL						X		X
039SB01701	SOIL				X		X		X
039SB01602	SOIL						X		X
039SB01601	SOIL				X		X		X
Total Billable Samples (Water/Soil)		0	2	0	4	0	28	0	28

SV= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
DRO= SW846 Diesel Range Organics
GRO= SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25080B

A validation was performed on the Semivolatile Data from SDG 25080B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Method Blanks

TICs were detected in the method blank. All B flagged TICs in all samples are rejected, R.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
ALL	All B flagged TICs	+B	R

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25080B

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG 25080B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Compound Quantitation

Some results were reported with P flags indicated column quantitation %Ds greater than 25%.

Specific Finding

All P flagged results are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance as acceptable. The data reviewer estimates that 5% of data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
All	All P flagged	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25080

A validation was performed on the gasoline data from SDG 25080. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- * Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Several samples exhibited non-compliant surrogate recoveries.

Specific Findings

For the following samples, the positive results are qualified as estimated, J, due to surrogate recoveries above the QC limit.

Sample	Surrogate	%Recovery
039SB02002	naphthalene	1003%

Surrogate Recoveries, continued

Specific Findings, continued

Sample	Surrogate	%Recovery
039SB01702	naphthalene	969%
039SB02102		667

For the following samples, the positive and non-detect results are qualified as estimated, J/UJ, due to surrogate recoveries below the QC limit.

Sample	Surrogate	%Recovery
039SB01601	naphthalene	20%
039SB01701		35%
039SB01901		53%
039SB02001		60%
039SB02601		39%

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039SB02002	gasoline	+	J
039SB01702			
039SB02102			
039SB01601	gasoline	+/-	J/UJ
039SB01701			
039SB01901			
039SB02001			
039SB02601			

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25080

A validation was performed on the diesel data from SDG 25080. The data was evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicates
* • Field Duplicates
* • Compound Identification
* • Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS WERE REQUIRED

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25095A
Date:	May 6, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 27-28, 1996
Number of Samples:	4 Non-aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Semivolatiles, Pesticide/PCB's, Diesel Range Organics, Gasoline Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig B. Simpson

Eugene M. Watson, Vice President

5-6-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25095A

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	SVOA		P/P		GRO		DRO	
039CB03301	SOIL						X		X
039CB03602	SOIL						X		X
039CB03802	SOIL						X		X
505CB01702	SOIL		X		X				
Total Billable Samples (Water/Soil)		0	1	0	1	0	3	0	3

SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
DRO = SW846 Diesel Range Organics
GRO = SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095A

A validation was performed on the Semivolatile Data from SDG 25095A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Initial Calibration

The laboratory did not calibrate the instrument for one (1) target compound. Therefore, the compound must be rejected in all samples.

Specific Finding

The compound 1,2-dibromo-3-chloropropane is rejected, R, in all samples because there were no initial or continuing calibration standards analyzed for it.

Continuing Calibrations

The continuing calibrations A2471.D through A2477.D contained a compound with %Ds greater than 25% but less than 50%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J.

505CB01702	benzo(k)fluoranthene (44.1%)
	m-cresol (43.4%)

The continuing calibrations A2471.D through A2477.D contained compounds with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J, and the non-detect results are qualified as estimated, UJ.

505CB01702	2-sec-butyl-4,6-dinitrophenol (63.2%)
	parathion (57.3%)
	1,3,5-trinitrobenzene (51.0%)
	Diallate (73.4%)

The continuing calibrations A2471.D through A2477.D contained compounds with RRFs less than 0.05. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J, and the non-detect results are rejected, R.

505CB01702	4-nitroquinoline-1-oxide (0.028)
	hexachlorophene (0.012)
	methapyrilene (0.029)
	Pentachloronitrobenzene (0.041)

Method Blanks

All B flagged TICs in all samples are rejected, R.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
All samples	1,2-dibromo-3-chloropropane	+/-	R
505CB01702	benzo(k)fluoranthene m-cresol	+	J
505CB01702	2-sec-butyl-4,6-dinitrophenol parathion 1,3,5-trinitrobenzene Diallate	+/-	J/UJ
505CB01702	4-nitroquinoline-1-oxide hexachlorophene methapyrilene Pentachloronitrobenzene	+/-	J/R
ALL	All B flagged TICs	+B	R

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QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PESTICIDE/AROCLORS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095A

A validation was performed on the Pesticide/Aroclor Data from SDG 25095A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibration
*	•	Blanks
	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

One (1) field sample exhibited a non-compliant DCB recovery.

Surrogate Recoveries, Continued

Specific Finding

The sample listed below exhibited a high DCB recovery. The positive results are qualified as estimated, J.

505CB01702

Field Duplicates

The field duplicate pair of samples 505SB01702 and 505CB01702 exhibited positive results for several compounds. One (1) compound exhibited a high RPD.

Specific Finding

The field duplicate pair of samples 505SB01702 and 505CB01702 exhibited positive results and a non-compliant RPD for 4,4'-DDT. The positive results for 4,4'-DDT are qualified as estimated, J.

505CB01702	4,4'-DDT

Analyte Identification/Quantitation

The sample exhibited column quantitation %Ds greater than 25%.

Specific Findings

The positive results reported in all samples which exhibited column quantitation differences greater than 25% are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
505CB01702	ALL	+	J
505CB01702	4,4'-DDT	+	J
ALL	ALL P >25%	+	J

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QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095A

A validation was performed on the gasoline data from SDG 25095A. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- * Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- Field Duplicates
- * Compound Identification
- * Compound Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of sample 039SB03602 exhibited poor precision (127%).

Specific Finding

The reported positive results in the following field duplicate pair are qualified as estimated, J.

039SB03602
039CB03602

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039CB03602	gasoline	+/-	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095A

A validation was performed on the diesel data from SDG 25095A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
	•	Field Duplicates
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of sample 039SB03302 exhibited poor precision (114%).

Specific Finding

The reported positive results in the following field duplicate pair are qualified as estimated, J.

039SB03302
039CB03302

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039SB03302	MISC. HC	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

ANNOTATED FORM Is

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25095B
Date:	May 6, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charlestons ; Zone A
Date Sampled:	March 27-98, 1996
Number of Samples:	1 Aqueous Sample(s) with 21 MS/MSD(s) 19 Non-aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Semivolatiles, Pesticide/PCB's, Gasoline Range Organics, Diesel Range Organics

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig D. Grayson — 5-6-96

Eugene M. Watson, Vice President — Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25095B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	SVOA		P/P		GRO		DRO	
039SB03301	SOIL						X		X
039SB03302	SOIL						X		X
039SB03601	SOIL						X		X
039SB03602	SOIL						X		X
039SB03701	SOIL						X		X
039SB03702	SOIL						X		X
039SB03801	SOIL		X				X		X
039SB03802	SOIL						X		X
039SB03901	SOIL						X		X
039SB03902	SOIL						X		X
039SB04001	SOIL						X		X
039SB04002	SOIL						X		X
505SB01201	SOIL		X		X				
505SB01202	SOIL		X		X				
505SB01401	SOIL		X		X				
505SB01501	SOIL		X		X				
505SB01502	SOIL		X		X				
505SB01601	SOIL		X		X				
505SB01602	SOIL		X		X				
505SB01701	SOIL		X		X				
505SB01702	SOIL		X		X				
Total Billable Samples	(Water/Soil)	0	10	0	9	0	12	0	12

SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
DRO = SW846 Diesel Range Organics
GRO = SW846 Gasoline Range Organics

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095B

A validation was performed on the Semivolatile Data from SDG 25095B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Continuing Calibrations

The continuing calibration S3087.D contained a compound with %Ds greater than 25% but less than 50%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J.

505SB01401	bis(2-ethylhexyl)phthalate (42.3%)
505SB01201	
505SB01701	
505SB01702	
505SB01601	
505SB01602	
505SB01501	
505SB01502	

Method Blanks

TICs were detected in the method blank. All B flagged TICs in all samples are rejected, R.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
505SB01401	bis(2-ethylhexyl)phthalate	+	J
505SB01201			
505SB01701			
505SB01702			
505SB01601			
505SB01602			
505SB01501			
505SB01502			
ALL	All B flagged TICs	+B	R

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PESTICIDE/AROCLORS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095B

A validation was performed on the Pesticide/Aroclor Data from SDG 25095B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of samples 505SB01702 and 505CB01702 exhibited positive results for several compounds. One (1) compound exhibited a high RPD.

Field Duplicates, Continued

Specific Finding

The field duplicate pair of samples 505SB01702 and 505CB01702 exhibited positive results and a non-compliant RPD for 4,4'-DDT. The positive results for 4,4'-DDT are qualified as estimated, J.

505SB01702 4,4'-DDT

Analyte Identification/Quantitation

Two (2) samples required dilution to accurately quantitate target compounds. Several samples exhibited column quantitation %Ds greater than 25%.

Specific Findings

For the following samples, the results for the E flagged compounds are replaced with the corresponding results from the dilution analysis. All other results from the dilution are rejected, UR, in favor of the results reported from the undiluted analysis.

505SB01701
505SB01401

The positive results reported in all samples which exhibited column quantitation differences greater than 25% are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
505SB01702	4,4'-DDT	+	J
505SB01701 505SB01401	ALL E-FLAGGED	+	D
505SB01701DL 505SB01401DL	ALL OTHERS	+/-	UR
ALL	ALL P >25%	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE

PURGEABLE HYDROCARBONS - GASOLINE

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Gasoline analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095B

A validation was performed on the gasoline data from SDG 25095B. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- Field Duplicates
- * Compound Identification
- * Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Specific Findings

For the following samples, the positive and non-detect results are qualified as estimated, J/UJ, due to surrogate recoveries below the QC limit.

Sample	Surrogate	%Recovery
039SB03301	naphthalene	40%
039SB03801		47%

Surrogate Recoveries, continued

For the following samples, the positive results are qualified as estimated, J, due to surrogate recoveries above the QC limit.

Sample	Surrogate	%Recovery
039SB03601	naphthalene	381%
039SB03302		161%
039SB03702		264%
039SB03701		263%
039SB03602		230%

Field Duplicates

The field duplicate pair of sample 039SB03602 exhibited poor precision (127%).

Specific Finding

The reported positive results in the following field duplicate pair are qualified as estimated, J.

039SB03602
039CB03602

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039SB03301 039SB03801	gasoline	+/-	J/UJ
039SB03601 039SB03302 039SB03702 039SB03701 039SB03602	gasoline	+	J
039CB03602	gasoline	+/-	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

EXTRACTABLE HYDROCARBONS - DIESEL

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8015 modified for Diesel analysis; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25095B

A validation was performed on the diesel data from SDG 25095B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
	•	Field Duplicates
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of sample 039SB03302 exhibited poor precision (114%).

Specific Finding

The reported positive results in the following field duplicate pair are qualified as estimated, J.

039SB03302
039CB03302

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
039CB03302	MISC. HC	+	J

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\- in the DL column denotes a non detect result

ANNOTATED FORM Is

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25106A
Date:	May 6, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 27-28, 1996
Number of Samples:	3 Non-aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Herbicides, Organophosphorus Pesticides, Dioxin/Furans, Metals, Cyanide, Hexavalent Chromium

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig H. Simpson

Eugene M. Watson, Vice President

5-6-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25106A

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		HERB		OPP		D/F		TAL		CN		HCR	
002M000401	SOIL		X		X		X		X		X		X		X		X		X
042CB01501	SOIL				X										X				
042CB01902	SOIL				X										X				
Total Billable Samples (Water/Soil)		0	1	0	3	0	1	0	1	0	1	0	1	0	3	0	1	0	1

VOA = SW846 Volatiles
SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
HERB = SW846 Herbicides
TAL = SW846 Metals
CN = SW846 Cyanide
OPP = SW846 Organophosphorus Pesticides
D/F = SW846 Dioxin/Furans
HCR = SW846 Hexavalent Chromium

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE

VOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8240; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106A

A validation was performed on the Volatile Data from SDG 25106A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Initial Calibration

The initial calibration analyzed exhibited non-compliant %Ds for compounds which required qualification of the data.

Initial Calibrations, continued

Specific Findings

The initial calibration analyzed on instrument I on 04/02/96, contained compounds with %Ds greater than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J. and the non-detect results are rejected, R.

002M000401	methylene chloride (98.5%) acetone (95.6%)

The initial calibration analyzed on instrument I on 04/02/96, contained a compound with an average RRF less than 0.05. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J. and the non-detect results are rejected, R.

002M000401	acrolein (0.049) Isobutyl alcohol (0.016) 1,4-dioxane (0.002) Acetonitrile (0.041)

The initial calibration analyzed on instrument I on 04/02/96, contained a compound with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J. and the non-detect results are qualified as estimated, UJ.

002M000401	chloroethane (53.8%) 4-methyl-2-pentanone (51.1%) 2-hexanone (59.8%) Isobutyl alcohol (61.5%)

The initial calibration analyzed on instrument I on 04/02/96, contained a compound with %Ds greater than 25% but less than 50%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J.

002M000401	2-butanone (49%)

Method Blanks

The method blank associated with the samples exhibited contamination. The samples required qualification.

	VBLK1
methylene chloride	4 µg/Kg

Specific Finding

Samples	Compound	Action Level	Qualification
002M000401	methylene chloride	40 µg/Kg	U

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
002M000401	methylene chloride acetone	+/-	J/R
002M000401	acrolein Isobutyl alcohol 1,4-dioxane Acetonitrile	+/-	J/R
002M000401	chloroethane 4-methyl-2-pentanone 2-hexanone Isobutyl alcohol	+/-	J/UJ
002M000401	2-butanone	+	J
002M000401	methylene chloride	+B	U

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\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106A

A validation was performed on the Semivolatile Data from SDG 25106A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Initial Calibration

The laboratory did not calibrate the instrument for one (1) target compound. Therefore, the compound must be rejected in all samples.

Specific Finding

The compound 1,2-dibromo-3-chloropropane is rejected, R, in all samples because there were no initial or continuing calibration standards analyzed for it.

Continuing Calibrations

The continuing calibrations A2471.D through A2477.D contained a compound with %Ds greater than 25% but less than 50%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J.

002M000401	benzo(k)fluoranthene (44.1%)
042CB01902	

The continuing calibrations A2471.D through A2477.D contained compounds with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J, and the non-detect results are qualified as estimated, UJ.

002M000401	2-sec-butyl-4,6-dinitrophenol (63.2%)
042CB01501	parathion (57.3%)
042CB01902	1,3,5-trinitrobenzene (51.0%)
	Diallate (73.4%)

The continuing calibrations A2471.D through A2477.D contained compounds with RRFs less than 0.05. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J, and the non-detect results are rejected, R.

002M000401	4-nitroquinoline-1-oxide (0.028)
042CB01501	hexachlorophene (0.012)
042CB01902	methapyrilene (0.029)
	Pentachloronitrobenzene (0.041)

Method Blanks

The method blank associated with the samples exhibited contamination. The samples required qualification. Also, TICs were detected in the method blank. All B flagged TICs in all samples are rejected, R.

	SBLK1
bis(2-ethylhexyl)phthalate	44 μg/Kg

Method Blanks, continued

Specific Finding

Samples	Compound	Action Level	Qualification
002M000401 042CB01501 042CB01902	bis(2-ethylhexyl)phthalate	440 μg/Kg	CRQL

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

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UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
All samples	1,2-dibromo-3-chloropropane	+/-	R
002M000401 042CB01902	benzo(k)fluoranthene	+	J
002M000401 042CB01501 042CB01902	2-sec-butyl-4,6-dinitrophenol parathion 1,3,5-trinitrobenzene Diallate	+/-	J/UJ
002M000401 042CB01501 042CB01902	4-nitroquinoline-1-oxide hexachlorophene methapyrilene Pentachloronitrobenzene	+/-	J/R
002M000401 042CB01501 042CB01902	bis(2-ethylhexyl)phthalate	+B	CRQL
ALL	All B flagged TICs	+B	R

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QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PESTICIDE/AROCLORS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106A

A validation was performed on the Pesticide/Aroclor Data from SDG 25106A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Analyte Identification/Quantitation

Sample 002M000401 required dilution to accurately quantitate target compounds. The sample exhibited column quantitation %Ds greater than 25%.

Analyte Identification/Quantitation, Continued

Specific Findings

For the following sample, the results for the E flagged compounds are replaced with the corresponding results from the dilution analysis. All other results from the dilution are rejected, UR, in favor of the results reported from the undiluted analysis.

002M000401

The positive results reported in all samples which exhibited column quantitation differences greater than 25% are qualified as estimated, J.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
002M000401	ALL E-FLAGGED	+	D
002M000401DL	ALL OTHERS	+/-	UR
ALL	ALL P >25%	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED HERBICIDES

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8150; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106A

A validation was performed on the Herbicide Data from SDG 25106A. The data was evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • GC Performance
* • Calibration
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicates
* • Field Duplicates
* • Compound Identification
* • Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS ARE REQUIRED.

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE

ORGANOPHOSPHORUS PESTICIDES

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8140; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106A

A validation was performed on the Organophosphorus Pesticide Data from SDG 25106A. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS ARE REQUIRED.

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE
METALS AND CYANIDE

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106

A validation was performed on the Metals Data from SDG 25106. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	MSAs

* - All criteria were met for this parameter.

Preparation and Field Blanks

Specific Finding

The preparation blank exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Chromium	0.11 mg/kg	no impact

The USEPA requires that all sample values below five times the preparation, field, DI or calibration blank contamination be qualified as non-detect, "U". The field or DI water blanks exhibited contamination but had no impact on the data.

Specific Finding

All sample results left with a "B" qualifier after all other qualifications, will be qualified with a "J" qualifier in place of the "B" per Ensafe's request.

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE
HEXAVALENT CHROMIUM

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106

A validation was performed on the Metals Data from SDG 25106. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • Calibrations
* • Blanks
* • Laboratory Control Samples

* - All criteria were met for this parameter.

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL

Data stands as reported without qualification.

DATA ASSESSMENT NARRATIVE

DIOXIN/FURANS - 8290

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, internal standard recoveries, clean-up standard recoveries, matrix spike recoveries, GC/MS high resolution performance, tuning results, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8290; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level IV requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 25106

A validation was performed on the Dioxin/Furan Data from SDG 25106. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • Mass Resolution Checks
* • Column Performance
* • Calibrations
* • Internal Standard Recovery
* • Blanks
* • Laboratory Control Samples
* • Matrix Spike/Matrix Spike Duplicate
* • Field Duplicates
* • Congener Identification/Quantitation

* - All criteria were met for this parameter.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	25106B
Date:	May 6, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	March 27-29, 1996
Number of Samples:	1 Aqueous Sample(s) with 0 MS/MSD(s) 27 Non-aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Southwest Laboratory of Oklahoma
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB, Metals

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig A. Scarfone

Eugene M. Watson, Vice President

5-6-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 25106B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL	
002M000301	SOIL								X
002M000501	SOIL								X
002SB03001	SOIL								X
042SB01101	SOIL				X				X
042SB01102	SOIL				X				X
042SB01201	SOIL				X				X
042SB01202	SOIL				X				X
042SB01301	SOIL				X				X
042SB01302	SOIL				X				X
042SB01401	SOIL				X				X
042SB01402	SOIL				X				X
042SB01501	SOIL				X				X
042SB01502	SOIL				X				X
042SB01601	SOIL				X				X
042SB01602	SOIL				X				X
042SB01701	SOIL				X				X
042SB01702	SOIL				X				X
042SB01801	SOIL				X				X
042SB01802	SOIL				X				X
042SB01901	SOIL				X				X
042SB01902	SOIL				X				X
042SB02001	SOIL				X				X
042SB02002	SOIL				X				X
042SB02101	SOIL				X				X
042SB02102	SOIL				X				X
505SB01301	SOIL				X		X		
505SB01302	SOIL				X		X		
002T000401	WATER	X							
Total Billable Samples (Water/Soil)		1	0	0	24	0	2	0	25

VOA = SW846 Volatiles
SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB
TAL = SW846 Metals

DATA ASSESSMENT NARRATIVE

VOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8240; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106B

A validation was performed on the Volatile Data from SDG 25106B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL

NO QUALIFICATIONS WERE REQUIRED

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8270; the National Functional Guidelines for Organic Data Validation, June 1991, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106B

A validation was performed on the Semivolatile Data from SDG 25106B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibration
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Internal Standard Performance
*	•	Compound Identification
*	•	Compound Quantitation

* - All criteria were met for this parameter.

Continuing Calibrations

The continuing calibration A2546.D contained a compound with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J. and the non-detect results are qualified as estimated, UJ.

505SB01301	2,4-dinitrophenol (54.3%)
505SB01302	

Continuing Calibrations, continued

The continuing calibration A2600.D contained a compound with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, the positive results are qualified as estimated, J. and the non-detect results are qualified as estimated, UJ.

042SB02102	2,4-dinitrophenol (53.3%)

Method Blanks

TICs were detected in the method blank. All B flagged TICs in all samples are rejected, R.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 5% of data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
505SB01301 505SB01302	2,4-dinitrophenol	+/-	J/UJ
042SB02102	2,4-dinitrophenol	+/-	J/UJ
ALL	All B flagged TICs	+B	R

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

PESTICIDE/AROCLORS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991; and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106B

A validation was performed on the Pesticide/Aroclor Data from SDG 25106B. The data was evaluated based on the following parameters:

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibration
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicates
*	•	Field Duplicates
*	•	Compound Identification
	•	Compound Quantitation

* - All criteria were met for this parameter.

Analyte Identification/Quantitation

One (1) sample was diluted to accurately quantitate target compounds, however the 1:10 dilution was unnecessary.

Analyte Identification/Quantitation, Continued

Specific Findings

For the following sample, the results from the dilution are rejected, UR, in favor of the results reported from the undiluted analysis.

505SB01301DL

For the following sample, the results for the E flagged compound are qualified as estimated, J, as the concentration is above the calibration range for the compound.

505SB01301	4,4'-DDD

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% of the data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
505SB01301DL	ALL	+/-	UR
505SB01301	4,4'-DDD	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non-detect result

DATA ASSESSMENT NARRATIVE
METALS

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # 25106

A validation was performed on the Metals Data from SDG 25106. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
	•	Matrix Spike Recovery
*	•	Matrix Duplicates
	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	MSAs

* - All criteria were met for this parameter.

Preparation and Field Blanks

Specific Finding

The preparation blank exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Chromium	0.09 mg/kg	no impact

The USEPA requires that all sample values below five times the preparation, field, DI or calibration blank contamination be qualified as non-detect, "U". The field or DI water blanks exhibited contamination but had no impact on the data.

Matrix Spike recovery

Specific Finding

The Matrix Spike recovery for soils for Antimony (71%) was below the lower control limits (<75% but >30%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

The Matrix Spike recovery for Lead (256%) was above the upper control limits (>125%). All positive results are qualified as estimated, "J".

Field Duplicate

Specific Finding

The Field Duplicate RPD for Calcium (114%) was greater than 50%. All positive results are qualified as estimated, "J".

Specific Finding

All sample results left with a "B" qualifier after all other qualifications, will be qualified with a "J" qualifier in place of the "B" per Ensafe's request.

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
All soil samples	Sb.	+/U	J/UJ
All soil samples	Pb.	+	J
All soil samples	Ca.	+	J
All "B" results	all analytes	B	J

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY REPORT

COMPANY:	Ensafe / Allen & Hoshall
SITE NAME:	Charleston Naval Base, Zone A
SERVICE ORDER NUMBER:	0135
CONTRACTED LAB:	Southwest Laboratory of Oklahoma, Inc.
QA/QC LEVEL:	EPA Level III
EPA METHOD:	EPA SOW 3-90 or SW-846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 1994
SAMPLE MATRICES:	Water and Soil
TYPES OF ANALYSES:	Volatile Organics, Semivolatile Organics
SDG NUMBER:	26960 (Level III)

SAMPLES:

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles
039SB04101	26960.05	Soil	X	
039SB04102	26960.06	Soil	X	
039SB04201	26960.03	Soil	X	
039SB04202	26960.04	Soil	X	
039SB04301	26960.01	Soil	X	
039SB04302	26960.02	Soil	X	
039SB10I02	26960.07	Soil	X	X
039GP02211	27110.01	Water	X	
039GP02223	27110.02	Water	X	
039GP02312	27081.03	Water	X	
039GP02326	27081.04	Water	X	
039GP02412	27081.01	Water	X	
039GP02426	27081.02	Water	X	
039GP03127	27110.05	Water	X	
039GP03311	27110.03	Water	X	
039GP03325	27110.04	Water	X	
039GW10DA1	27015.01	Water	X	
039GW10IA1	27015.03	Water	X	
039TB04102	26960.08	Water	X	
039TP02326	27081.05	Water	X	
039TP03127	27110.06	Water	X	

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles
039TW10IA1	27015.02	Water	X	
039GP02312MS	27081.03MS	Water	+	
039GP02312MSD	27081.03MSD	Water	+	

+ = Non-billable Quality Control Sample

MS = MATRIX SPIKE, MSD = MATRIX SPIKE DUPLICATE, T = TRIP BLANK

DATA REVIEWER(S): Amy L. Hogan, Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE:

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Southwest Laboratories of Oklahoma, Inc. - 26960 CLP Organics

SAMPLES: 039SB04101, 039SB04102, 039SB04201, 039SB04202, 039SB04301, 039SB04302, 039SB10I02, 039GP02211, 039GP02223, 039GP02312, 039GP02326, 039GP02412, 039GP02426, 039GP03127, 039GP03311, 039GP03325, 039GW10DA1, 039GW10IA1, 039TB04102, 039TP02326, 039TP03127, 039TW10IA1, 039GP02312MS, 039GP02312MSD

VOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviations (%RSD's) exceeded the 30% QC limit for the standards analyzed on 9/16/96 on instrument I for chloroethane (44.4%) and acetone (37.0%). All positive results for acetone in the associated samples were flagged as estimated (J). Since the other compound was not detected in the associated samples, no further action was taken. The associated samples were 039SB04301, 039SB04302, 039SB04202, 039SB04101, 039SB04102, 039SB04201 and 039SB10I02.

The Percent Relative Standard Deviations (%RSD's) exceeded the 30% QC limit for the standards analyzed on 9/18/96 on instrument N for bromomethane (33.7%) and chloroethane (33.3%). Since these compounds were not detected in the associated samples, no action was taken.

The Relative Response Factor (RRF) was 0.028 for 2-chloroethyl vinyl ether in the standards analyzed on 9/17/96 on instrument R, which was below the 0.050 QC limit. The non-detect result for this compound in associated trip blank 039TB04102 was rejected (R).

The Percent Relative Standard Deviation (%RSD) was 84.5% for 2-chloroethyl vinyl ether in the standards analyzed on 9/17/96 on instrument R, which exceeded the 30% QC limit. The result for this compound in the associated sample was previously rejected based on a low RRF in this calibration, so no further action was necessary.

The Relative Response Factor (RRF) was 0.049 for 2-chloroethyl vinyl ether in the standards analyzed

on 9/24/96 on instrument R, which was below the 0.050 QC limit. The non-detect results for this compound in the associated samples were rejected (R). The associated samples were 039GP02412, 039GP02426, 039GP02312, 039GP02326, 039GP2211, 039GP2223, 039GP3311, 039GP3325 and 039GP03127.

The Percent Relative Standard Deviations (%RSD's) exceeded the 30% QC limit for the standards analyzed on 9/24/96 on instrument R for the following compounds:

2-chloroethyl vinyl ether	56.1%
bromomethane	35.4%
acetone	52.4%

The results for 2-chloroethyl vinyl ether in the associated samples were previously rejected based on a low RRF in this calibration. Since there were no positive results for the other compounds in the associated samples, no action was taken.

Continuing Calibration:

The Relative Response Factor (RRF) was 0.048 for 2-chloroethyl vinyl ether in the standard analyzed on 9/21/96 at 16:37 on instrument I, which was below the 0.050 QC limit. The results for this compound in the associated samples, which consisted entirely of non-detects, were rejected (R). The associated samples were 039SB04301, 039SB04302, 039SB04202, 039SB04101, 039SB04102 and 039SB10I02.

The Percent Differences (%D's) exceeded the 25% QC limit for the standard analyzed on 09/21/96 at 16:37 on instrument I for the following compounds:

bromomethane	54.8%
2-butanone	26.2%
4-methyl-2-pentanone	26.1%
2-hexanone	27.5%

The positive and non-detect results for these compounds in the associated samples were flagged as estimated (J) and (UJ). The associated samples were 039SB04301, 039SB04302, 039SB04202, 039SB04101, 039SB04102 and 039SB10I02.

The Percent Differences (%D's) of methylene chloride (41.9%) and 2-chloroethyl vinyl ether (87.1%) in the standards analyzed on 9/22/96 at 18:18 on instrument I exceeded the 25% QC limit. The results for these compounds in sample 039SB04201, which were both non-detects after blank qualification, were flagged as estimated (UJ).

The Percent Differences (%D's) exceeded the 25% QC limit for the standard analyzed on 09/23/96 at 10:44 on instrument N for the following compounds:

bromomethane	35.6%
vinyl acetate	27.8%
2-chloroethyl vinyl ether	38.5%

The results for these compounds in associated samples 039GW10DA1 and 039GW10IA1, which consisted entirely of non-detects, were flagged as estimated (UJ).

The Relative Response Factor (RRF) for 2-chloroethyl vinyl ether was 0.011 for the standard analyzed on 9/19/96 at 14:24 on instrument R, which was below the 0.050 QC limit. The result for this compound in the associated sample was previously rejected based on the initial calibration. No further action was required.

The Percent Difference (%D) of 2-chloroethyl vinyl ether was 60.7% for the standard analyzed on 9/19/96 at 14:24 on instrument R, which exceeded the 25% QC limit. The result for this compound in the associated sample was previously rejected based on a low RRF in the initial calibration. No further action was required.

The Percent Differences (%D's) exceeded the 25% QC limit for the standards analyzed on 9/30/96 at 12:33 on instrument R for the following compounds:

methylene chloride	26.0%
1,2-dichloroethane	32.2%
carbon tetrachloride	32.0%
dibromochloromethane	28.8%
bromoform	35.5%
tetrachloroethene	33.5%

The results for these compounds in the associated samples, which consisted entirely of non-detects after blank qualification, were flagged as estimated (UJ). The associated samples were 039GP02412, 039GP02426, 039GP02312, 039GP02326, 039GP02211, 039GP02223, 039GP03311, 039GP03325 and 039GP03127.

IV.) Blanks:

Method Blanks:

Acetone was detected at 4 ug/kg in soil method blank VBLK2. Acetone was flagged using the trip blank. No further action was required.

Acetone and methylene chloride were detected at 4 ug/kg and 2 ug/kg, respectively, in soil method blank VBLK3. These compounds were flagged using the trip blank. No further action was required.

Acetone and methylene chloride were detected at 7 ug/L and 9 ug/L, respectively, in water method blank VBLK5. These compounds were flagged using the trip blank. No further action was required.

Trip Blanks:

Acetone and methylene chloride were both detected at 8 ug/kg in trip blank 039TB04102. Detections of these compounds in the associated samples less than 10X the blank amount were flagged as undetected (U) with the detection limit being raised to the level of contamination in each sample. The associated samples were 039SB04301, 039SB04302, 039SB04201, 039SB04202, 039SB04101, 039SB04102 and 039SB10I02.

Vinyl chloride, 1,2-dichloroethene, chloroform and toluene were detected at 12 ug/L, 60 ug/l, 3 ug/L and 2 ug/L, respectively, in trip blank 039TW10IA1. Detections of chloroform and 1,2-dichloroethene in associated samples 039GW10DA1 and 039GW10IA1 less than 5X the blank amounts were flagged as undetected (U) with the detection limits being raised to the level of contamination in each sample. There were no positive detections of the other compounds in the associated samples, so no further action was required.

Acetone, methylene chloride and chloroform were detected at 6 ug/L, 13 ug/L and 2 ug/L, respectively, in trip blank 039TP02326. Detections of chloroform in the associated samples less than 5X the blank amount were flagged as undetected (U) with the detection limits being raised to the level of contamination in each sample. Detections of acetone and methylene chloride in the associated samples less than 10X the blank amount were flagged as undetected (U) with the detection limits being raised to the level of contamination in each sample. The associated samples were 039GP02412, 039GP02426, 039GP2312 and 039GP2326.

Acetone, methylene chloride and chloroform were detected at 6 ug/L, 16 ug/L and 2 ug/L, respectively, in trip blank 039TP02326. Detections of acetone and methylene chloride in the associated samples less than 10X the blank amount were flagged as undetected (U) with the detection limits being raised to the level of contamination in each sample. Since there were no positive detections of chloroform in the associated samples, no further action was taken. The associated samples were 039GP02211, 039GP02223, 039GP03311, 039GP03325 and 039GP3127.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was required.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

All MS / MSD Recovery criteria were met, so no action was taken.

VII.) Laboratory Control Samples (LCS):

Five LCS's were analyzed for this SDG. Several Percent Recoveries (%R's) were outside the QC limits. Data qualification action based on LCS criteria was not required. No action was taken.

VIII.) Field Duplicates:

There were no field duplicate samples in this SDG, so no action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met, so no action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

Sixteen non-detect results for 2-chloroethyl vinyl ether in SDG samples and trip blanks were rejected due to low RRF's in the initial and continuing calibrations. All remaining laboratory data were acceptable with qualifications.

SEMIVOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviation (%RSD) exceeded the 30% QC limit for the standards analyzed on 9/23/96 on instrument S for di-n-butylphthalate (30.7%). Since this compound was not detected in the associated sample, no action was taken.

Continuing Calibration:

All Continuing Calibration criteria were met. No action was required.

IV.) Blanks:

There were no positive detections in the method blank. No action was required.

V.) Surrogate Recoveries:

The Percent Recovery (%R) of 2-fluorophenol was 24% in sample 039SB10I02, which was below the 25-

121% QC limit. Since only one acid surrogate was outside the QC limits, no action was required.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were not performed in this fraction of the SDG. No action was taken.

VII.) Laboratory Control Samples (LCS):

One LCS was analyzed for this SDG. Several Percent Recoveries (%R's) were outside the QC limits. Data qualification action based on LCS criteria was not required. No action was taken.

VIII.) Field Duplicates:

There were no field duplicate samples in this SDG. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met, so no action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualification.

VALIDATA
Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY REPORT

COMPANY:	EnSafe/Allen & Hoshall
SITE NAME:	Charleston Naval Base, Zone A
SERVICE ORDER NUMBER:	0198
CONTRACTED LAB:	Southwest Laboratories of Oklahoma, Inc.
EPA SOW/METHOD:	EPA 8290
VALIDATION GUIDELINES:	EPA 8290, Professional Judgement
SAMPLE MATRIX:	Water
TYPES OF ANALYSES:	2,3,7,8-substituted PCDD's and PCDF's
SDG NUMBER:	28171A (Level IV)

SAMPLES:

Client Sample #	Lab Sample #	Matrix	PCDD/ PCDF
039D015D01	28172.02	Water	X
039E015D01	28172.01	Water	X

D =DEIONIZED WATER BLANK, E = EQUIPMENT RINSATE BLANK

DATA REVIEWER(S): Shawn S. Lin, Ph.D., Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

DATA QUALIFICATION SUMMARY

Southwest Laboratories of Oklahoma - 28171A 2,3,7,8-substituted PCDD's and PCDF's

SAMPLES: 039D015D01, 039E015D01

2,3,7,8-SUBSTITUTED PCDD'S AND PCDF'S

I.) Holding Times:

All criteria were met, so no action was taken.

II.) HRGC/HRMS System Performance:

GC Column Performance:

All criteria were met, so no action was taken.

HRMS Resolution:

All criteria were met, so no action was required.

Mass Verification:

All criteria were met, so no action was taken.

MS Data Acquisition:

All criteria were met, so no action was taken.

III.) Calibration:

Calibration Range:

All criteria were met, so no action was taken.

Initial Calibration:

All criteria were met, so no action was taken.

Calibration Verifications:

All criteria were met, so no action was taken.

IV.) Blanks

Method Blanks:

There were no 2,3,7,8-substituted PCDD's and PCDF's detected in method blanks, no action was required.

Field Blanks:

Deionized water blank 039D015D01 and equipment rinsate blank 039E015D01 collected on 1/14/97 were analyzed. OCDD was detected in the blanks at the following highest concentration:

Field Blank	Compound	Conc.	Action Level
039E015D01	OCDD	5.2 pg/L	26 pg/L

The only associated samples in this SDG were field blanks, so data qualification was not required.

V.) Internal Standards Performance:

All criteria were met, so no action was taken.

VI.) Spike/Spike Duplicates:

No MS/MSD set was analyzed.

VII.) Duplicates:

No Field duplicates set was analyzed.

VIII.) PCDD/PCDF Identifications:

Retention Times:

All criteria were met, so no action was taken.

Ion Abundance:

All criteria were met, so no action was taken.

S/N Ratio:

All criteria were met, so no action was taken.

PCDPE (Polychlorinated Diphenyl Ether) Interferences:

All criteria were met, so no action was taken.

Second Column Confirmation:

All criteria were met, so no action was taken.

IX.) Overall Assessment of Data/General:

All data were acceptable without qualifications.

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY
REPORT

COMPANY:	Ensafe/Allen & Hoshall
SITE NAME:	Charleston Navel Base, Zone A
SERVICE ORDER NUMBER:	0198
CONTRACTED LAB:	Southwest Laboratory of Oklahoma, Inc.
QA/QC LEVELS:	EPA Level III / Level IV
EPA METHOD:	EPA SOW 3-90 / SW846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 1994; *USEPA CLP National Functional Guidelines for Inorganic Data Review*, 1994
SAMPLE MATRICES:	Soil and Water
TYPES OF ANALYSES:	Volatile Organics, Semivolatile Organics, Pesticides/PCB's, Organophosphorus Pesticides, Chlorinated Herbicides, Total Metals, Cyanide, Hexavalent Chromium
SDG NUMBERS:	28171A (Appendix IX, Level IV) 28171B (Level III)

SAMPLES:

SDG 28171A (Level IV):

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles	Pesticides/ PCB's	Organophos. Pesticides
039D015D01	28172-02	Water	X	X	X	X
039E015D01	28172-01	Water	X	X	X	X

Client Sample #	Lab Sample #	Matrix	Chlorinated Herbicides	Total Metals	Cyanide	Hexavalent Chromium
039D015D01	28172-02	Water	X	X	X	X
039E015D01	28172-01	Water	X	X	X	X

039D015D01 = DEIONIZED WATER BLANK, 039E015D01 = EQUIPMENT RINSATE BLANK

SDG 28171B (Level III):

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles	Pesticides PCB's	Total Metals	Cyanide
0395015D01	28171-04	Soil	X	X	X	X	X
0396015D01	28171-03	Soil	X	X	X	X	X
039P015D01	28171-02	Water	X	X	X	X	X
0397015D01	28171-01	Water	X	X	X	X	X
039TW15D01	28171-05	Water					

T = TRIP BLANK, P = POTABLE WATER BLANK,
5 = BENTONITE BLANK, 6 = SAND BLANK, 7 = PVC BLANK

Note: The SDG number was incorrectly listed on the spreadsheets as "SDG 28717". This incorrect number was crossed-out and replaced with "SDG 28171" during validation.

DATA REVIEWER(S): Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28171A Appendix IX, CLP Organics and Inorganics

SAMPLES: 039D015D01, 039E015D01

VOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The average Relative Response Factors (RRF's) for acetonitrile (0.036), isobutyl alcohol (0.007), 1,4-dioxane (0.002) and trans-1,4-dichloro-2-butene (0.046) were below the 0.050 QC limit for the initial calibration analyzed on 1/13/97 on instrument N. The non-detect results for these compounds in the two associated field blanks were rejected (R).

Continuing Calibration:

The Relative Response Factors (RRF's) for acetonitrile (0.036), isobutyl alcohol (0.009) and 1,4-dioxane (0.003) were below the 0.050 QC limit for the continuing calibration analyzed on 1/16/97 on instrument N. The non-detect results for these compounds in the two associated field blanks were previously rejected because of low RRF's in the initial calibration. No further action was necessary.

IV.) Blanks:

Method Blank:

There were no positive detections in the method blank. No action was necessary.

TIC's:

TIC's were not detected in the method or field blanks. No action was taken.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was required.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed in this SDG. All Recovery criteria were met. No action was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was taken.

VIII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met. No action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

The non-detect results for acetonitrile, isobutyl alcohol, 1,4-dioxane and trans-1,4-dichloro-2-butene were rejected in the two field blanks because of low RRF's in the initial and continuing calibrations. The other laboratory data were acceptable without qualification.

SEMIVOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was necessary.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was taken.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No action was required.

Continuing Calibration:

The Relative Response Factor's (RRF's) for hexachlorophene (0.028) and aramite (0.042) in the continuing calibration analyzed on 1/23/97 at 09:41 on instrument A were below the 0.050 QC limit. The non-detect results for these compounds in the two associated field blanks were rejected (R).

IV.) Blanks:

Method Blank:

There were no positive detections in the method blank. No action was taken.

TIC's:

There were no TIC's detected in the method or field blanks. No action was necessary.

V.) Surrogate Recoveries:

All Surrogate Percent Recovery criteria were met. No action was required.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed in this SDG. All Recovery criteria were met. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

There were no MS / MSD samples analyzed in this SDG. No action was necessary.

VIII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was taken.

IX.) Internal Standards Performance:

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was required.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met. No action was required.

XIII.) System Performance:

All System Performance criteria were met, so no action was taken.

XIV.) Overall Assessment of Data/General:

The non-detect results for hexachlorophene and aramite were rejected in the two field blanks because of low RRF's in the continuing calibration. All other laboratory data were acceptable without qualification.

PESTICIDES/PCB's

I.) Holding Times:

All Holding Time criteria were met, so no action was required.

II.) Instrument Performance:

The Percent Difference (%D) for 4,4'-DDT was 26.0% on the primary column for the PEM6B standard analyzed on 1/18/97 at 10:00, which exceeded the 25% QC limit. Since the two associated samples were field blanks, no action was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met, so no action was necessary.

Continuing Calibration:

The Percent Differences (%D's) for heptachlor were 35.1% and 29.5%, respectively, on the primary and secondary columns for the standard analyzed on 1/18/97 at 10:27, which exceeded the 25% QC limit.
Since the two associated samples were field blanks, no action was necessary.

IV.) Blanks:

There were no positive detections in the method blank. No action was taken.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was taken.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed in this SDG. All Recovery criteria were met. No action was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

There were no MS / MSD samples analyzed in this SDG. No action was necessary.

VIII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

IX.) TCL Compound Identification:

Pesticide/PCB Identification Summary (PIS):

All PIS Identification criteria were met. No action was required.

X.) Pesticide Cleanup Check:

Florisil Cartridge Check:

Florisil Check data were not present in the data package. No action was taken.

Gel Permeation Chromatography (GPC):

GPC cleanup was not required in this SDG. No action was taken.

XI.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualification.

ORGANOPHOSPHORUS PESTICIDES

I.) Holding Times:

All Holding Time criteria were met, so no action was required.

II.) Instrument Performance:

All Instrument Performance criteria were met, so no action was taken.

III.) Calibration:

All Initial and Continuing Calibration criteria were met, no action was required.

IV.) Blanks:

There were no positive detections in the method blank. No action was required.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No action was taken.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed by the laboratory. All Recovery criteria were met. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

There were no MS / MSD analyses in this SDG. No action was necessary.

VIII.) TCL Compound Identification:

Organophosphorus Pesticide Identification Summary (OPIS):

All OPIS Identification criteria were met. No action was required.

IX.) Field Duplicates:

There were no field duplicate samples available in this SDG. No action was taken.

X.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualification.

CHLORINATED HERBICIDES

I.) Holding Times:

All Holding Time criteria were met, so no action was required.

II.) Instrument Performance:

All Herbicides Instrument Performance criteria were met, so no action was taken.

III.) Calibration:

All Initial and Continuing Calibration criteria were met, so no action was taken.

IV.) Blanks:

There were no positive detections in the method blank. No action was taken.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was taken.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed by the laboratory. Two Percent Recoveries (%R's) exceeded the QC limits. Data validation action based on LCS criteria was not required. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

There were no MS / MSD samples analyzed in this SDG. No action was necessary.

VIII.) TCL Compound Identification (HIS):

All HIS Identification criteria were met. No action was required.

IX.) Field Duplicates:

There were no field duplicate samples available in this SDG. No action was taken.

X.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualification.

TOTAL METALS AND CYANIDE

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met, so no action was required.

III.) Blanks:

The following blank results represent the highest detections associated with the samples:

Blank Type/ID#	Analyte	Max. Conc.	Action Level
PBW	calcium	45.2 ug/L	226 ug/L
PBW	sodium	516 ug/L	2580 ug/L

PBW = Preparation Blank (Water)

Since the only two associated samples were field blanks, no action was taken.

The following analytes had negative results with absolute values greater than the IDL:

Blank Type/ID#	Analyte	Max. Conc.	Action Level
CCB4	aluminum	-21.4 ug/L	107 ug/L
CCB1	lead	-1.80 ug/L	9.00 ug/L
CCB2	mercury	-0.10 ug/L	0.50 ug/L
CCB1	silver	-1.30 ug/L	6.50 ug/L
CCB2	thallium	-3.70 ug/L	18.5 ug/L
PBW	vanadium	-0.63 ug/L	3.15 ug/L

CCB = Continuing Calibration Blank, PBW = Preparation Blank (Water)

Since the only two associated samples were field blanks, no action was taken.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	7 ug/L
barium	1 ug/L
chromium	2 ug/L
nickel	1 ug/L
thallium	6 ug/L
tin	4 ug/L
vanadium	1 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

The following analytes had negative results in ICS Solution A at absolute concentrations above the IDL:

arsenic	-3 ug/L
cadmium	-2 ug/L
chromium	-3 ug/L

copper	-1 ug/L
lead	-3 ug/L
manganese	-1 ug/L

Since neither aluminum, calcium, iron nor magnesium was present in the sample at a concentration comparable to or greater than the amount in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

Serial Dilution Analysis was not performed in this fraction of the SDG. No action was necessary.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was taken.

VIII.) Matrix Spike Recoveries:

MS samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was required.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met, so no action was necessary.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualification.

HEXAVALENT CHROMIUM

I.) Holding Times:

All Holding Time criteria were met. No action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. Data qualification was not necessary.

III.) Blanks:

Hexavalent chromium was not detected in the method blank. No action was required.

IV.) Laboratory Check Samples (LCS):

All LCS Percent Recovery criteria were met. No action was taken.

V.) Duplicate Sample Analysis (MD):

Duplicate Sample Analysis was not performed in this SDG. No action was required.

VI.) Matrix Spike Recovery (MS):

MS samples were not analyzed in this SDG. No action was necessary.

VII.) Field Duplicates:

There were no field duplicate samples analyzed in this SDG. No action was required.

VIII.) Overall Assessment of Data/General:

The laboratory data were acceptable without qualification.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 7002 CLP Organics and Inorganics

SAMPLES: 0395015D01, 0396015D01, 0397015D01, 039P015D01, 039TW15D01

VOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviations (%RSD's) exceeded the 30% QC limit for the standards analyzed on 1/14/97 on instrument I for the following compounds:

bromomethane	51.3%
chloroethane	58.0%
acetone	59.0%

All associated samples were blanks. No action was taken.

Continuing Calibration:

The Percent Differences (D's) exceeded the 25% QC limit for the standard analyzed on 1/16/97 at 06:37 on instrument I for the following compounds:

acetone	28.8%
2-butanone	33.4%
2-hexanone	27.6%
2-chloroethyl vinyl ether	30.0%

The associated sample 0396015D01 was a blank, so no action was required.

The Percent Differences (D's) exceeded the 25% QC limit for the standard analyzed on 1/17/97 at 07:34 on instrument I for the following compounds:

acetone	42.2%
2-butanone	33.6%
2-hexanone	30.9%
vinyl acetate	28.1%
4-methyl-2-pentanone	32.5%

Associated sample 0395015D01 was a blank, so no action was required.

IV.) Blanks:

Method Blanks:

Acetone and chloroform were detected at 3 ug/kg and 2 ug/kg, respectively, in soil method blank VBLK1. Associated sample 0396015D01 was a blank. No action was necessary.

Methylene chloride was detected at 20 mg/kg in soil method blank SBLK3. Associated sample 0395015D01 was a blank. No action was required.

Deionized Water and Equipment Rinsate Blanks:

Chloroform was detected at 3 ug/L each in deionized water blank 039D015D01 and equipment rinsate blank 039E015D01. Both field blanks were analyzed in SDG 28171B. All SDG samples were blanks, so no action was taken.

Trip Blanks:

There were no positive detections in the trip blank analyzed in this SDG. No action was taken.

TIC's:

There were no TIC's detected in the method, field or trip blanks. No action was required.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was required.

VI.) Laboratory Control Samples (LCS):

Five LCS's were analyzed in this SDG. Several Percent Recoveries (%R's) were outside the QC limits. Data validation action based on LCS criteria was not required. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

VIII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met. No action was necessary.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met. No action was required.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met, so no action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

All laboratory data were acceptable without qualifications.

SEMIVOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met. No action was necessary.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was taken.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviation (%RSD) of 2-methyl-4,6-dinitrophenol (39.2%) exceeded the 30% QC limit for the standards analyzed on 1/20/97 on instrument T. There were no positive results for this compound in the associated blanks. No action was necessary.

Continuing Calibration:

The Percent Differences (%D's) exceeded the 25% QC limits for the standard analyzed on 1/22/97 at 11:01 on instrument P for the following compounds:

benzoic acid	72.4%
hexachlorocyclopentadiene	27.4%

The associated samples 0395015D01 and 0396015D01 were blanks, so no action was required.

IV.) Blanks:

Method Blanks:

There were no positive detections in the method blanks, no action was required.

Deionized Water and Equipment Rinsate Blanks:

There were no positive results for deionized water blank 039D015D01 and equipment rinsate blank 039E015D01, which were analyzed in SDG 28171B. No action was taken.

TIC's:

4-Hydroxy-4-methyl-2-pentanone and 4-methyl-3-penten-one were detected in the soil method blank at sufficient concentrations to eliminate, by applying the 5X Blank Rule, the detections in associated samples 0395015D01 and 0396015D01. TIC blank qualification action was not required, and these two samples were also blanks. No action was taken.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No action was required.

VI.) Laboratory Control Sample (LCS):

Two LCS's were analyzed in this SDG. One Percent Recovery (%R) was below the QC limits. Data validation action based on LCS criteria was not required. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were not performed in this SDG. No action was necessary.

VIII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met. No action was taken.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was required.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC criteria were met, so no action was necessary.

XIII.) System Performance:

All System Performance criteria were met, so no action was taken.

XIV.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

PESTICIDES/PCB's

I.) Holding Times:

All Holding Time criteria were met, so no action was required.

II.) Instrument Performance:

The Percent Difference (%D) for 4,4'-DDT was 26.0% on the primary column for the PEM6B standard analyzed on 1/18/97 at 10:00, which exceeded the 25% QC limit. Associated samples 039P015D01 and 0397015D01 were blanks. No action was required.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met, so no action was necessary.

Continuing Calibration:

The Percent Differences (%D's) for heptachlor were 35.1% and 29.5%, respectively, on the primary and secondary columns for the standard analyzed on 1/18/97 at 10:27, which exceeded the 25% QC limit.
Data qualification was not required for the non-detect result for heptachlor in associated samples 039P015D01 and 0397015D01 since these were blanks.

The Percent Difference (%D) for heptachlor was 27.2% on the primary column for the standards analyzed on 1/21/97 at 02:52, which exceeded the 25% QC limit. Data qualification was not required for the positive and non-detect results for heptachlor in associated samples 0395015D01 and 0396015D01 since these were blanks.

IV.) Blanks:

Method Blanks:

There were no detections in the method blanks. No action was taken.

Deionized Water and Equipment Rinsate Blanks:

There were no detections in the deionized water and equipment rinsate blanks analyzed in SDG 28171A. No action was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was taken.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

VII.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was taken.

VIII.) TCL Compound Identification:

Pesticide/PCB Identification Summary (PIS):

All PIS Identification criteria were met. No action was required.

IX.) Pesticide Cleanup Check:

Florisil Cartridge Check:

Florisil Check data was not present in the data package. No action was necessary.

Gel Permeation Chromatography (GPC):

GPC cleanup data was not present in the data package. No action was taken.

X.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

TOTAL METALS AND CYANIDE

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank results represent the highest detections associated with the samples:

Blank Type/ID#	Analyte	Max. Conc.	Action Level ug/L	Action Level mg/kg
PBS	aluminum	1.13 mg/kg	1.13	5.65
DWB	beryllium	0.35 ug/L	1.75	0.35
PBW	calcium	45.2 ug/L	226	45.2
ERB	chromium	1.50 ug/L	7.50	1.50
ERB	copper	0.77 ug/L	3.85	0.77
DWB	mercury	0.15 ug/L	0.75	0.15
PBW	sodium	516 ug/L	2580	516
ERB	nickel	2.50 ug/L	12.5	2.50
PBS	thallium	0.43 mg/kg	0.43	2.15
PBS	tin	1.18 mg/kg	1.18	5.90
CCB7	vanadium	0.50 ug/L	2.50	0.50
DWB	zinc	6.20 ug/L	31.0	6.20
DWB	cyanide	34.6 ug/L	173	34.6

CCB = Continuing Calibration Blank, PBW = Preparation Blank (Water),
PBS = Preparation Blank (Soil),
DWB = Deionized Water Blank 039D015D01 (analyzed in SDG 28171A),
ERB = Equipment Rinsate Blank 039E015D01 (analyzed in SDG 28171A)

All samples in this SDG were blanks, so no action was required.

The following analytes had negative results with absolute values greater than the IDL:

Blank Type/ID#	Analyte	Max. Conc.	Action Level ug/L	Action Level mg/kg
CCB4	aluminum	-21.4 ug/L	107	21.4
CCB1	lead	-1.80 ug/L	9.00	1.80
CCB2	mercury	-0.10 ug/L	0.50	0.10
CCB5	selenium	-3.70 ug/L	18.5	3.70
CCB1	silver	-1.30 ug/L	6.50	1.30
CCB2	thallium	-3.70 ug/L	18.5	3.70

Blank Type/ID#	Analyte	Max. Conc.	Action Level ug/L	mg/kg
PBW	vanadium	-0.63 ug/L	3.15	0.63
CCB5	cyanide	4.50 ug/L	22.5	4.50

CCB = Continuing Calibration Blank, PBW = Preparation Blank (Water)

All samples in this SDG were blanks, so no action was required.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	7 ug/L
barium	1 ug/L
chromium	3 ug/L
lead	2 ug/L
selenium	4 ug/L
thallium	6 ug/L
vanadium	1 ug/L

These analytes should not be present. Neither aluminum, calcium, iron nor magnesium was present in the sample at a concentration comparable to or above the amount in Solution A. No action was required.

The following analytes had negative results in ICS Solution A at absolute concentrations greater than the IDL:

cadmium	-2 ug/L
lead	-3 ug/L
manganese	-1 ug/L

Neither aluminum, calcium, iron nor magnesium was present in the samples at a concentration comparable to or greater than the amount in Solution A. No action was required.

V.) ICP Serial Dilution Analysis:

All Serial Dilution Analysis criteria were met. No action was necessary.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was taken.

VIII.) Matrix Spike Recoveries:

MS samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

Field duplicate samples were not available in this SDG. No action was required.

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was required.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met, so no action was necessary.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

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DATA VALIDATION SUMMARY REPORT

COMPANY:	Ensafe/Allen & Hoshall
SITE NAME:	Charleston Navel Base, Zone A
SERVICE ORDER NUMBER:	0205
CONTRACTED LAB:	Southwest Laboratory of Oklahoma, Inc.
QA/QC LEVELS:	EPA Level III / IV
EPA METHODS:	EPA SOW 3-90 / SW-846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Organic Data Review*, 1994; *USEPA CLP National Functional Guidelines for Inorganic Data Review*, 1994
SAMPLE MATRICES:	Sediment, Soil and Water
TYPES OF ANALYSES:	Volatile Organics, Total Metals
SDG NUMBERS:	28316A (Appendix IX, Level IV) 28316B (Level III)

SAMPLES:

SDG 28316A (Level IV):

Client Sample #	Lab Sample #	Matrix	Volatile Organics
039N000501*	28317-01	Sediment	X
039R000501*	28317-02	Water	X
039N000501MS	28317-01MS	Sediment	+
039N000505MSD	28317-01MSD	Sediment	+

* = Corresponding samples 039M000501 and 039W000501 were analyzed in SDG 28316B.
+ = Non-billable Quality Control sample

N / R = FIELD DUPLICATES, MS = MATRIX SPIKE, MSD = MATRIX SPIKE DUPLICATE

SDG 28316B (Level III):

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Total Metals
039M000101	28316-10	Sediment	X	
039M000101RE	28316-10RE	Sediment	X	
039M000201	28316-12	Sediment	X	
039M000301	28316-14	Sediment	X	
039M000401	28316-16	Sediment	X	
039M000501*	28316-17	Sediment	X	
039W000101	28316-09	Water	X	
039W000201	28316-11	Water	X	
039W000301	28316-13	Water	X	
039W000401	28316-15	Water	X	
039W000501*	28316-18	Water	X	
002SB02201	28316-07	Soil		X
002SB02202	28316-08	Soil		X
002SB03301	28316-03	Soil		X
002SB03302	28316-04	Soil		X
002SB03401	28316-01	Soil		X
002SB03402	28316-02	Soil		X
002SB03901	28316-05	Soil		X
002SB03902	28316-06	Soil		X
039T000501	28316-19	Water	X	
039M000501MS	28316-17MS	Sediment	+	
039M000501MSD	28316-17MSD	Sediment	+	
039W000101MS	28316-09MS	Water	+	
039W000101MSD	28316-09MSD	Water	+	

* = Corresponding duplicate samples 039N000501 and 039R000501 were analyzed in SDG 28316B.
+ = Non-billable analysis

MS = MATRIX SPIKE, MSD = MATRIX SPIKE DUPLICATE, RE = REANALYSIS,
T = TRIP BLANK

DATA REVIEWER(S): Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28316A Appendix IX, CLP Organics

SAMPLES: 039N000501, 039R000501, 039N000501MS, 039N000501MSD

VOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The average Relative Response Factors (RRF's) for the standards analyzed on 1/13/97 on instrument N were below the 0.050 QC limit for the following compounds:

acetonitrile	0.036
isobutyl alcohol	0.007
1,4-dioxane	0.002
trans-1,4-dichloro-2-butene	0.046

The non-detect results for these compounds in associated sample 039R000501 were rejected (R).

The Percent Relative Standard Deviations (%RSD's) of the following compounds exceeded the 30% QC limit for the initial calibration analyzed on 1/13/97 on instrument N:

1,4-dioxane	60.9%
dichlorodifluoromethane	71.8%

The non-detect result for 1,4-dioxane was previously rejected because of a low RRF in this calibration. Dichlorodifluoromethane was not detected in associated sample 039N000501, so no action was taken.

The average Relative Response Factors (RRF's) for the standards analyzed on 1/28/97 on instrument I were below the 0.050 QC limit for the following compounds:

2-chloroethyl vinyl ether	0.044
acetonitrile	0.027

isobutyl alcohol	0.005
1,4-dioxane	0.002

The non-detect results for these compounds in associated sample 039N000501 were rejected (R).

The Percent Relative Standard Deviations (%RSD's) of the following compounds exceeded the 30% QC limit for the initial calibration analyzed on 1/28/97 on instrument I:

bromomethane	50.8%
chloroethane	47.4%
acetone	58.5%
2-butanone	32.3%
acetonitrile	31.7%
propionitrile	32.1%
isobutyl alcohol	52.0%
methyl methacrylate	36.1%

The non-detect results for acetonitrile and isobutyl alcohol were previously rejected because of low RRF's in this calibration. There were no positive results for the other compounds in associated sample 039N000501, so no action was taken.

Continuing Calibration:

The Relative Response Factors (RRF's) for the standards analyzed on 1/30/97 at 09:03 on instrument N were below the 0.050 QC limit for the following compounds:

acetonitrile	0.036
isobutyl alcohol	0.007
1,4-dioxane	0.002
trans-1,4-dichloro-2-butene	0.046

The non-detect results for these compounds in associated sample 039R000501 were previously rejected because of low RRF's in the initial calibration. No further action was required.

The Percent Differences (%D's) of the following compounds exceeded the 25% QC limit for the continuing calibration analyzed on 1/30/97 at 09:03 on instrument N:

2-butanone	27.5%
1,4-dioxane	60.9%
dichlorodifluoromethane	71.8%

The non-detect result for 1,4-dioxane was previously rejected because of a low RRF in the initial calibration. The non-detect results for the other two compounds in associated sample 039R000501 were flagged as estimated (UJ).

The Relative Response Factors (RRF's) for the standards analyzed on 2/6/97 at 06:18 on instrument I were below the 0.050 QC limit for the following compounds:

acrolein	0.039
acetonitrile	0.024
isobutyl alcohol	0.004
1,4-dioxane	0.002

The non-detect results for acetonitrile, isobutyl alcohol and 1,4-dioxane in associated sample 039N000501 were previously rejected because of low RRF's in the initial calibration. The non-detect result for acrolein in associated sample 039N000501 was rejected (R). No further action was required.

The Percent Differences (%D's) of the following compounds exceeded the 25% QC limit for the continuing calibration analyzed on 2/6/97 at 06:18 on instrument I:

bromomethane	32.0%
chloroethane	33.0%
acrolein	30.4%
dichlorodifluoromethane	43.6%

The non-detect result for acrolein was previously rejected because of a low RRF in this calibration. The results for the other compounds in associated sample 039N000501, which consisted entirely of non-detects, were flagged as estimated (UJ).

IV.) Blanks:

Method Blanks:

Acetone was detected at 7 ug/kg in soil method blank VBLK3. The detection of acetone in sample 039N000501, which was less than 5X the blank amount, was flagged as undetected (U), with the analytical result below the CRQL being raised to the CRQL.

Trip Blank:

There were no positive detections in trip blank 039T000501, which was analyzed in SDG 28316B. No action was required.

TIC's:

TIC's were not detected in the method or trip blanks. No action was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met, so no action was required.

VI.) Laboratory Control Sample (LCS):

Six LCS's were analyzed in this fraction of the SDG. Several Percent Recoveries were outside the QC limits. Data validation action based on LCS criteria was not required. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

All MS / MSD criteria were met. No action was required.

VIII.) Field Duplicates:

There were no calculable Relative Percent Differences (RPD's) for the two sets of field duplicate samples. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met, so no action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

The non-detect results for 2-chloroethyl vinyl ether, acrolein, isobutyl alcohol, 1,4-dioxane and acetonitrile in sample 039N000501 were rejected because of low RRF's in the initial and continuing calibrations. In addition, the non-detect results for acetonitrile, isobutyl alcohol, 1,4-dioxane and trans-1,4-dichloro-2-butene were rejected in sample 039R000501 because of low RRF's in the initial and continuing calibrations. The remaining laboratory data were acceptable with qualifications.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28316B CLP Organics and Inorganics

SAMPLES: 039M000101, 039M000101RE, 039M000201, 039M000301, 039M000401, 039M000501, 039W000101, 039W000201, 039W000301, 039W000401, 039W000501, 002SB02201, 002SB02202, 002SB03301, 002SB03302, 002SB03401, 002SB03402, 002SB03901, 002SB03902, 039T000501, 039M000501MS, 039M000501MSD, 039W000101MS, 039W000101MSD

VOLATILE ORGANICS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met, so no action was required.

III.) Calibration:

Initial Calibration:

The Relative Response Factor (RRF) for 2-chloroethyl vinyl ether (0.044) was below the 0.050 QC limit for the initial calibration analyzed on 1/28/97 on instrument I. The non-detect results for this compound in all associated sediment samples were rejected (R).

The Percent Relative Standard Deviations (%RSD's) of the following compounds exceeded the 30% QC limit for the initial calibration analyzed on 1/28/97 on instrument I:

bromomethane	50.8%
chloroethane	47.4%
acetone	58.5%
2-butanone	32.4%

Bromomethane, chloroethane and acetone were not detected in the associated soil samples after blank qualifications. The positive results for 2-butanone in associated samples 039M000201, 039M000301 and 039M000401 were flagged as estimated (J). 2-Butanone was not detected in the other two associated sediment samples. No further action was necessary.

Continuing Calibration:

The Percent Difference (%D) for vinyl acetate was 36.8% for the standard analyzed on 1/31/97

at 10:08 on instrument N, which exceeded the 25% QC limit. The non-detect results for this compound in all water samples were flagged as estimated (UJ).

The Percent Differences (%D's) of the following compounds exceeded the 25% QC limit for the continuing calibration analyzed on 1/30/97 at 07:58 on instrument I:

bromomethane	44.5%
chloroethane	30.2%
2-chloroethyl vinyl ether	31.8%

The non-detect results for 2-chloroethyl vinyl ether were previously rejected because of a low RRF in the initial calibration. The results for the other two compounds in the associated sediment samples, which consisted entirely of non-detects, were flagged as estimated (UJ). The associated samples were 039M000401 and 039M000501.

The Percent Differences (%D's) of the following compounds exceeded the 25% QC limit for the continuing calibration analyzed on 2/5/97 at 06:46 on instrument I:

bromomethane	33.4%
chloroethane	29.0%
acetone	39.6%
2-butanone	31.7%
bromoform	33.8%
4-methyl-2-pentanone	55.6%
2-hexanone	54.0%
1,1,2,2-tetrachloroethane	42.8%
2-chloroethyl vinyl ether	52.3%

The non-detect results for 2-chloroethyl vinyl ether were previously rejected because of a low RRF in the initial calibration. The positive and non-detect results for 2-butanone in the associated samples were flagged as estimated (J) and (UJ). The results for the other compounds in the associated samples, which consisted entirely of non-detects after blank qualification, were flagged as estimated (UJ). The associated samples were 039M000101RE, 039M000201 and 039M000301.

IV.) Blanks:

Method Blanks:

Acetone was detected at 5 ug/kg in soil method blank VBLK1. The detections of acetone in associated samples 039M000401 and 039M000501, which were less than 10X the blank amount after correction for %Moisture, were flagged as undetected (U) with the quantitation limit being raised to the amount of contamination in each sample.

Acetone was detected at 7 ug/kg in soil method blank VBLK3. The detections of acetone in the associated samples, which were less than 10X the blank amount after correction for %Moisture, were flagged as undetected (U) with the quantitation limit being raised to the amount of contamination in each sample. The associated samples were 039M000101RE, 039M000201 and 039M000301.

Trip Blank:

There were no positive detections in the trip blank 039T000505. No action was required.

TIC's:

TIC's were not detected in the method or trip blanks. No action was necessary.

V.) Surrogate Recoveries:

The Surrogate Percent Recovery (%R) of bromofluorobenzene was 73% for sample 039M000101RE, which was below the 74-121% QC limits. All results for this sample, which consisted entirely of non-detects after blank qualification, were flagged as estimated (UJ).

VI.) Laboratory Control Sample (LCS):

Six LCS's were analyzed in this fraction of the SDG. Several Percent Recoveries were outside the QC limits. Data validation action based on LCS criteria was not required. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

The Percent Recovery (%R) of 1,1-dichloroethene was 58% in sediment spiked sample 039M000501MSD, which was below the 59-172% QC limits. The non-detect result for this compound in unspiked sample 039M000501 was flagged as estimated (UJ). All criteria were met for the water MS / MSD analyses. No further action was taken.

VIII.) Field Duplicates:

There were no calculable Relative Percent Differences (RPD's) for the two sets field duplicate samples. No action was required.

IX.) Internal Standards Performance (ISTD):

All Internal Standards Performance criteria were met, so no action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met, so no action was taken.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL's):

All CRQL criteria were met, so no action was necessary.

XII.) Tentatively Identified Compounds (TIC's):

All TIC Identification criteria were met, so no action was required.

XIII.) System Performance:

All System Performance criteria were met. No action was taken.

XIV.) Overall Assessment of Data/General:

The reanalysis of sample 039M000101 was considered by the validator to be of preferable data quality as compared to the original analysis because of improved surrogate recoveries. The reanalysis data were selected for validation.

The non-detect results for 2-chloroethyl vinyl ether were rejected in the five sediment samples because of a low RRF in the initial calibration. The remaining laboratory data were acceptable with qualifications.

TOTAL METALS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank results represent the highest detections associated with the samples and were used for data qualification::

Blank Type/ID#	Analyte	Max. Conc.	Action Level
PBS	iron	6.00 mg/kg	30.0 mg/kg
PBS	tin	1.79 mg/kg	8.95 mg/kg

PBS = Preparation Blank (Soil)

All results greater than the IDL but less than 5X the blank amount (Action Level), after correction for %Moisture, for which the contaminated blank was an associated preparation blank were flagged as undetected (U).

The following analytes had negative results with absolute values greater than the IDL:

Type/ID#	Analyte	Max. Conc.	Action Level
CCB3	iron	-20.5 ug/L	20.5 mg/kg
CCB3	vanadium	-0.06 ug/L	0.06 mg/kg

CCB = Continuing Calibration Blank

The detections of iron and vanadium in all SDG samples were greater than 5X the absolute values of the negative blanks. No action was required.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	5 ug/L
barium	2 ug/L
chromium	2 ug/L
lead	3 ug/L
thallium	4 ug/L
vanadium	1 ug/L
zinc	6 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

A negative result for zinc (-9 ug/L) was observed in ICS Solution A at an absolute concentration greater than the IDL. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

All Serial Dilution Analysis criteria were met. No action was taken.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this fraction of the SDG. No action was required.

VIII.) Matrix Spike/Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this fraction of the SDG. No action was necessary.

IX.) Field Duplicates:

Field duplicate samples were not analyzed in this fraction of the SDG. No action was required.

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was necessary.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY
REPORT

COMPANY:	Ensafe/Allen & Hoshall
SITE NAME:	Charleston Navel Base, Zone A
SERVICE ORDER NUMBER:	0203
CONTRACTED LAB:	Southwest Laboratory of Oklahoma, Inc.
QA/QC LEVELS:	EPA Level III / IV
EPA METHOD:	EPA SOW 3-90 / SW-846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Inorganic Data Review*, 1994
SAMPLE MATRIX:	Soil
TYPES OF ANALYSIS:	Total Metals

SDG NUMBERS: 28333A (Appendix IX, Level IV)
28333B (Level III)

SAMPLES:

SDG 28333A (Level IV):

Client Sample #	Lab Sample #	Matrix	Total Metals
002CB02101*	28334-01	Soil	X
002CB03801*	28334-02	Soil	X

* = Corresponding samples 002SB02101 and 002SB03801 were analyzed in SDG 28333B.

C = FIELD DUPLICATE

SDG 28333B (Level III):

Client Sample #	Lab Sample #	Matrix	Total Metals
002SB02001	28333-03	Soil	X
002SB02002	28333-04	Soil	X
002SB02101*	28333-01	Soil	X

Client Sample #	Lab Sample #	Matrix	Total Metals
002SB02102	28333-02	Soil	X
002SB03501	28333-09	Soil	X
002SB03601	28333-07	Soil	X
002SB03602	28333-08	Soil	X
002SB03701	28333-12	Soil	X
002SB03702	28333-13	Soil	X
002SB03801*	28334-10	Soil	X
002SB03802	28333-11	Soil	X
002SB04001	28333-05	Soil	X
002SB04002	28333-06	Soil	X
002SB04101	28333-14	Soil	X
002SB04102	28333-15	Soil	X

* = Field duplicate samples 002CB02101 and 002CB03801 were analyzed in SDG 28333A.

DATA REVIEWER(S): Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28333A Appendix IX, CLP Inorganics

SAMPLES: 002CB02101, 002CB03801

TOTAL METALS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank result represents the highest detection associated with the samples:

Blank Type/ID#	Analyte	Max. Conc.	Action Level
PBS	vanadium	0.05 mg/kg	0.25 mg/kg

PBS = Preparation Blank (Soil)

The detections of vanadium in the two associated samples were above 5X the blank amount. No action was taken.

The following analytes had negative results with absolute values greater than the IDL:

Blank Type/ID#	Analyte	Neg. Conc.	5X Conc.
ICB	iron	-85.7 ug/L	85.7 mg/kg
ICB	manganese	-1.30 ug/L	1.30 mg/kg

ICB = Initial Calibration Blank

All results for iron and manganese in the two associated samples were greater than 5X the absolute value of the negative blank. No action was required.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	5 ug/L
barium	2 ug/L
cadmium	1 ug/L
chromium	2 ug/L
lead	3 ug/L
selenium	6 ug/L
thallium	6 ug/L
vanadium	1 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at concentrations comparable to or greater than the amounts in Solution A, no action was required.

A negative result for manganese (-1 ug/L) was observed in ICS Solution A at an absolute concentration greater than the IDL. Since neither aluminum, calcium, iron nor magnesium was present in the two associated samples at concentrations comparable to or greater than the amounts in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

All Serial Dilution Analysis criteria were met. No action was taken.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was required.

VIII.) Matrix Spike/Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

Two sets of field duplicate samples, 002CB02101 / 002SB02101 (analyzed in SDG 28333B) and 002CB03801 / 002SB03801 (analyzed in SDG 28333B), were evaluated by the laboratory. The calculable Relative Percent Differences (RPD's) were:

Analyte	002CB02101, mg/kg	002CB02101, mg/kg	RPD
aluminum	7000	5920	15%
antimony	4.5	3.8	17%
arsenic	18.7	18.7	0%
cadmium	0.69	0.59	16%
calcium	2740	3430	22%
chromium	17.5	22.1	23%
copper	23.0	18.5	22%
iron	15600	12100	25%
lead	599	584	2.5%
magnesium	290	264	9.5%
manganese	67.7	65.8	2.8%
mercury	6.3	2.6	83%
nickel	9.3	5.0	60%
vanadium	15.5	14.9	3.9%
zinc	150	155	3.3%

The RPD of mercury exceeded the 60% QC limit for soil samples. The detections of mercury in the two samples were flagged as estimated (J).

Analyte	002CB03801, mg/kg	002CB03801, mg/kg	RPD
aluminum	7360	6320	15%
arsenic	6.4	7.5	16%
barium	16.0	12.6	24%
cadmium	2.2	0.87	87%
calcium	3300	2430	30%
chromium	12.0	9.0	12%
cobalt	33.6	20.7	48%
copper	49.4	25.3	65%
iron	5460	5530	1.3%
lead	32.1	12.0	91%
magnesium	276	220	23%
manganese	29.5	17.4	52%
nickel	28.2	31.2	10%
vanadium	13.5	12.7	6.1%
zinc	116	58.3	66%

The RPD's of cadmium, copper, lead and zinc exceeded the 60% QC limit for soil samples. The detections of these four analytes in the two samples were flagged as estimated (J).

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was necessary.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28333B CLP Inorganics

SAMPLES: 002SB02001, 002SB02002, 002SB02101, 002SB02102, 002SB03501, 002SB03601, 002SB03602, 002SB03701, 002SB03702, 002SB03801, 002SB03802, 002SB04001, 002SB04002, 002SB04101, 002SB04102

TOTAL METALS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank result represents the highest detection associated with the samples and was used for data qualification:

Blank Type/ID#	Analyte	Max. Conc.	Action Level
PBS	vanadium	0.05 mg/kg	0.25 mg/kg

PBS = Preparation Blank (Soil)

All detections of vanadium in the SDG samples were greater than 5X the blank amount. No action was taken.

The following analytes had negative results with absolute values greater than the IDL:

Blank Type/ID#	Analyte	Neg. Conc.	5X Conc.
ICB	iron	-85.7 ug/L	85.7 mg/kg
ICB	manganese	-1.30 ug/L	1.30 mg/kg

ICB = Initial Calibration Blank

All results for iron and manganese in the SDG samples were greater than 5X the absolute value of the negative blank. No action was required.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	5 ug/L
barium	2 ug/L
cadmium	1 ug/L
chromium	2 ug/L
lead	17 ug/L
selenium	6 ug/L
thallium	6 ug/L
vanadium	1 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at concentrations comparable to or greater than the amounts in Solution A, no action was required.

A negative result for manganese (-1 ug/L) was observed in ICS Solution A at an absolute concentration greater than the IDL. Since neither aluminum, calcium, iron nor magnesium was present in the two associated samples at concentrations comparable to or greater than the amounts in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

Serial Dilution Analysis was not performed in this fraction of the SDG. No action was taken.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was required.

VIII.) Matrix Spike/Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

Two sets of field duplicate samples, 002SB02101 / 002CB02101 (analyzed in SDG 28333A) and 002SB03801 / 002CB03801 (analyzed in SDG 28333A), were evaluated by the laboratory. See Section IX in SDG 28333A for the Relative Percent Difference (RPD) tabulations.

The RPD of mercury exceeded the 60% QC limit for soil duplicate samples 002SB02101 and 002CB02101. The detections of mercury in the two samples were flagged as estimated (J).

The RPD's of cadmium, copper, lead and zinc exceeded the 60% QC limit for soil duplicate samples 002SB03801 and 002CB03801. The detections of these four analytes in the two samples were flagged as estimated (J).

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was necessary.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY
REPORT

COMPANY:	Ensafe/Allen & Hoshall
SITE NAME:	Charleston Navel Base, Zone A
SERVICE ORDER NUMBER:	0208
CONTRACTED LAB:	Southwest Laboratory of Oklahoma, Inc.
QA/QC LEVELS:	EPA Level III / IV
EPA METHODS:	EPA SOW 3-90 / SW-846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Inorganic Data Review*, 1994
SAMPLE MATRIX:	Soil
TYPES OF ANALYSIS:	Total Metals

SDG NUMBERS: 28347A (Appendix IX, Level IV)
28347B (Level III)

SAMPLES:

SDG 28347A (Level IV):

Client Sample #	Lab Sample #	Matrix	Total Metals
002CB01601*	28348-01	Soil	X

C = FIELD DUPLICATE (Corresponding sample 002SB01601 was analyzed in SDG 28347B.)

SDG 28347B (Level III):

Client Sample #	Lab Sample #	Matrix	Total Metals
002SB01601*	28347-02	Soil	X
002SB01602	28347-03	Soil	X
002SB01701	28347-01	Soil	X
002SB01801	28347-04	Soil	X

Client Sample #	Lab Sample #	Matrix	Total Metals
002SB01802	28347-05	Soil	X
002SB03101	28347-06	Soil	X
002SB03102	28347-07	Soil	X

* = Corresponding duplicate sample 002CB01601 was analyzed in SDG 28347A.

DATA REVIEWER(S): Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28347A Appendix IX, CLP Inorganics

SAMPLE: 002CB01601

TOTAL METALS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank results represent the highest detections associated with the sample and were used for data qualification:

Blank ID	Analyte	Max. Conc.	Action Level
ICB	antimony	3.10 ug/L	3.10 mg/kg
ICB	arsenic	3.70 ug/L	3.70 mg/kg

ICB = Initial Calibration Blank

All results greater than the IDL but less than 5X the blank amounts (Action Level, mg/kg for soil samples) for which the contaminated blank was an associated calibration blank were flagged as undetected (U).

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	4 ug/L
arsenic	4 ug/L
cadmium	1 ug/L
lead	5 ug/L
manganese	1 ug/L
selenium	7 ug/L
thallium	7 ug/L
vanadium	1 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the associated sample at a concentration comparable to or greater than the amount in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

All Serial Dilution Criteria were met. No action was taken.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was required.

VIII.) Matrix Spike/Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

Field duplicate samples 002CB01601 and 002SB01601 (analyzed in SDG 28347B) were analyzed by the laboratory. The calculable Relative Percent Differences (RPD's) were:

Analyte	002CB01601, mg/kg	002CB01601, mg/kg	RPD
aluminum	6450	8190	24%
barium	17.7	16.5	7.0%
cadmium	0.88	3.40	118%
calcium	1160	1030	12%
chromium	9.00	19.2	72%
copper	27.4	90.3	107%
iron	10200	17500	53%
lead	27.7	97.6	112%
magnesium	167	210	23%
manganese	32.2	39.2	20%
mercury	0.31	0.07	126%
nickel	5.70	14.0	84%
thallium	1.50	2.80	60%
vanadium	13.8	19.4	34%
zinc	88.7	1420	176%

The RPD's of cadmium, chromium, copper, lead, mercury, nickel and zinc exceeded the 60% QC limit for soils. The detections of these seven analytes in the two samples were flagged as estimated (J).

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was necessary.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

DATA QUALIFICATION SUMMARY

Southwest Laboratory of Oklahoma, Inc. - 28347B CLP Inorganics

SAMPLES: 002SB01601, 002SB01602, 002SB01701, 002SB01801, 002SB01802, 002SB03101, 002SB03102

TOTAL METALS

I.) Holding Times:

All Holding Time criteria were met, so no action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

The following blank results represent the highest detections associated with the samples and were used for data qualification:

Blank Type/ID#	Analyte	Max. Conc.	Action Level
ICB	antimony	3.10 ug/L	3.10 mg/kg
ICB	arsenic	3.70 ug/L	3.70 mg/kg

ICB = Initial Calibration Blank

All results greater than the IDL but less than 5X the blank amounts (Action Level, mg/kg for soil samples) for which the contaminated blank was an associated calibration blank were flagged as undetected (U).

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met, so no action was taken.

The following analytes were detected in ICS Solution A at concentrations greater than the IDL:

antimony	4 ug/L
arsenic	4 ug/L
cadmium	1 ug/L
lead	5 ug/L
manganese	1 ug/L

selenium	7 ug/L
thallium	7 ug/L
vanadium	1 ug/L

These analytes should not be present. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

A negative result for zinc (-8 ug/L) was observed in ICS Solution A at an absolute concentration greater than the IDL. Since neither aluminum, calcium, iron nor magnesium was present in the associated samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

Serial Dilution Analysis was not performed in this fraction of the SDG. No action was taken.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

Duplicate Sample Analysis was not performed in this SDG. No action was required.

VIII.) Matrix Spike/Matrix Spike Duplicate (MS / MSD):

MS / MSD samples were not analyzed in this SDG. No action was necessary.

IX.) Field Duplicates:

One set of field duplicate samples, 002SB01601 and 002CB01601 (analyzed in SDG 28347A), was analyzed by the laboratory. Refer to Section IX in SDG 28347A for tabulations. The RPD's of cadmium, chromium, copper, lead, mercury, nickel and zinc exceeded the 60% QC limit for soils. The detections of these seven analytes in the two samples were flagged as estimated (J).

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was necessary.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met, so no action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

VALIDATA

Chemical Services, Inc.

P. O. Box 930422, Norcross, GA 30093

(770) 923-3890
(770) 923-8769 (Fax)

DATA VALIDATION SUMMARY REPORT

COMPANY:	Ensafe / Allen & Hoshall
SITE NAME:	Charleston Naval Base, Zone A
SERVICE ORDER NUMBER:	0231
CONTRACTED LAB:	CEIMIC Corporation
QA/QC LEVEL:	EPA Level III
EPA METHODS:	EPA SOW 3-90 / SW-846
VALIDATION GUIDELINES:	*USEPA CLP National Functional Guidelines for Inorganic Data Review,* 1994
SAMPLE MATRIX:	Soil
TYPE OF ANALYSIS:	Total Arsenic
SDG NUMBER:	7624 (Level III)

SAMPLES:

Client Sample #	Lab Sample #	Matrix	Total Arsenic
GDASB0A601	7624.01	Soil	X
GDASB0B601	7624.02	Soil	X
GDASB0C601	7624.03	Soil	X
GDASB0B601MS	7624.02MS	Soil	+
GDASB0B601MD	7624.02MD	Soil	+

C = FIELD DUPLICATE, MD = MATRIX DUPLICATE, MS = MATRIX SPIKE

DATA REVIEWER(S): Amy L. Hogan, Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: Jean M. Delashmit

Data Qualifier Definitions

J	-	The association numerical value is an estimated quantity.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

CEIMIC Laboratories Inc. - 7624 CLP Inorganics

SAMPLES: GDASB0A601, GDASB0B601, GDASB0C601, GDASB0B601MS, GDASB0B601MD

TOTAL ARSENIC

I.) Holding Times:

All Holding Time criteria were met. No action was taken.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No action was necessary.

III.) Blanks:

There were no positive or negative results for the blanks associated with this SDG. No action was required.

IV.) ICP Interference Check Sample Results:

All Percent Recovery criteria were met. No action was taken.

The following analyte was detected in ICS Solution A at a concentration greater than the IDL:

arsenic	6 ug/L

This analyte should not be present. Since neither aluminum, calcium, iron or magnesium was present in the samples at a concentration comparable to or greater than the amount in Solution A, no action was required.

V.) ICP Serial Dilution Analysis:

The Serial Dilution Percent Recovery (%R) of arsenic was 68.4% for sample GDASB0B601L, which exceeded the 10% QC limit. All positive results for this analyte in the samples in this SDG were flagged as estimated (J).

VI.) Laboratory Control Samples (LCS):

All LCS criteria were met. No action was required.

VII.) Duplicate Sample Analysis:

The Relative Percent Difference (RPD) for arsenic in sample GDASB0B601MD was 56.5%, which exceeded the 35% QC limit for soil samples. All results for arsenic in the samples in this SDG were previously flagged based on the serial dilution analysis. No further action was required.

VIII.) Matrix Spike Recovery (MS):

All MS Recovery criteria were met. No action was necessary.

IX.) Field Duplicates:

The Relative Percent Difference (RPD) for arsenic in field duplicate samples GDASB0B601 and GDASB0C601 was 11.7%, which was within the 60% QC limit for soil samples. No action was required.

X.) Graphite Furnace Atomic Absorption QC (GFAA):

Graphite Furnace analyses were not used for the samples in this SDG. No action was taken.

XI.) Sample Result, Calculation/Transcription Verification:

All criteria were met. No action was required.

XII.) Quarterly Verification of Instrumental Parameters:

All criteria were met. No action was taken.

XIII.) Overall Assessment of Data/General:

All laboratory data were acceptable with qualifications.

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	CNS08
Date:	April 8, 1996
Client Name:	Ensafe/Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	October 6 - 13, 1993
Number of Samples:	9 Non-aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Savannah Labs
Validation Guidance:	Functional Guidelines for Organic and Inorganic Data, Region IV Modifications
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticides w/PCB's, Metals

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig G. Simpson — 4-12-96

Eugene M. Watson, Vice President — Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# CNS08

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL	
S07B031D	SOIL		X		X		X		X
S07B132D	SOIL		X		X		X		X
S07B191D	SOIL		X		X		X		X
S07B231D	SOIL		X		X		X		X
S07B281D	SOIL		X		X		X		X
S07B341D	SOIL		X		X		X		X
S02B061D	SOIL								X
S02B102D	SOIL								X
S02B132D	SOIL								X
Total Billable Samples (Water/Soil)		0	6	0	6	0	6	0	9

VOA = SW846 Volatiles
SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
TAL = SW846 Metals

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT AND NARRATIVE

VOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8240; the National Functional Guidelines for Organic Data Review, June 1991, and DQO Level IV. All comments made within this report should be considered when examining the analytical results.

SDG # CNS08

A validation was performed on the Volatile Data from SDG CNS08. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Samples
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds and RRFs that were not within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, IQ013, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

007CB03193D carbon tetrachloride (86.05%)

The continuing calibration, IQ016, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

007CB13293D carbon tetrachloride (86.51%)

The continuing calibration, IQ029, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

007CB19193D carbon tetrachloride (85.57%)
007CB23193D

The continuing calibration, IQ029, contained compounds with %Ds greater than 90%, and RRF less than 0.050. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as rejected (R).

007CB19193D 2-butanone (92.61% and 0.01646)
007CB23193D

The continuing calibration, IQ031, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

007CB34193D carbon tetrachloride (87.13%)

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
007CB03193D	carbon tetrachloride	+/-	J/UJ
007CB13293D	carbon tetrachloride	+/-	J/UJ
007CB19193D 007CB23193D	carbon tetrachloride	+/-	J/UJ
007CB19193D 007CB23193D	2-butanone	+/-	J/R
007CB34193D	carbon tetrachloride	+/-	J/UJ

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT AND NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8270; National Functional Guidelines for Organic Data Review, and DQO Level IV. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # CNS08

A validation was performed on the Semivolatile Data from SDG CNS08. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Sample
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds that were not within %D continuing calibration criteria. All RRF were within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, DQ094, contained compounds with %D greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

007CB23193D	2,4-dinitrophenol (67.70%)
	4,6-dinitro-2-methylphenol (63.15%)

The continuing calibration, DQ100, contained compounds with %D greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

007CB28193D	2,4-dinitrophenol (84.68%)
007CB34193D	4,6-dinitro-2-methylphenol (83.03%)

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

Contractual Non compliance

The laboratory is not evaluating sample surrogate recoveries based on the multi-laboratory limits found in the SW846 method 8270 on page 8270-31. The laboratory evaluated the sample surrogate recoveries based on their own laboratory generated limits. Heartland ESIs data evaluation will be based on the established multi-laboratory surrogate recovery limits and the National Functional Guidelines, not the laboratory generated recovery limits. The laboratory also failed to re-extract samples with surrogate recoveries that are not within the QA/QC limits as required by the method (page 8270-30 section 8.9.5).

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
007CB23193D	2,4-dinitrophenol 4,6-dinitro-2-methylphenol	+/-	J/UJ
007CB28193D 007CB34193D	2,4-dinitrophenol 4,6-dinitro-2-methylphenol	+/-	J/UJ

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and NEESA Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS08

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG CNS08. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Two (2) samples required qualification because of non-compliant surrogate recoveries.

Specific Finding

The following samples exhibited DBC recoveries above the QC limits in the undiluted analysis. All positive results are qualified as estimated, J, for compounds quantitated from the undiluted run of the sample. (Does not include DDE, DDD and DDT)

Sample	Surrogate	%Recovery
B23-1D	DBC	141%
B34-1D		139%

Compound Quantitation

Specific Findings

All results reported with P flags are qualified as estimated, J, due to column quantitation %Ds greater than 25%.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
B23-1D B34-1D	ALL BUT DDE,DDD & DDT	+	J
ALL	ALL P FLAGGED	+	J

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE
METALS

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS08

A validation was performed on the Metals Data from SDG CNS08. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
*	•	Blanks
*	•	Interferences
	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
	•	MSAs

* - All criteria were met for this parameter.

Matrix Spike Analysis

Specific Finding

The Matrix Spike recovery for soils for Cyanide (21%) was below 30%. The non-detect results are rejected and all positive results are qualified as estimated, "J".

The Matrix Spike recoveries for soils for Antimony (61%), Chromium (73%), Selenium (68%) and Zinc (59%) were below the lower control limits (<75% but >30%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

The Matrix Spike recoveries for soils for Arsenic (185%) was above the upper control limits (> 125%). All positive results are qualified as estimated, "J".

Duplicate Analysis

Specific Finding

The RPDs for Aluminum (24%), Calcium (33%), Iron (21%) and Zinc (31%) were not greater than 35% and will not be qualified.

MSAs

Specific Finding

The post digestion spike recovery for GFAA was below the lower control limits (<85% but >10%). All positive and non-detect results for the listed samples below are qualified as estimated, "J" or "UJ".

Element	Sample IDs	% recoveries
Selenium	002-CB061-93D	46
Selenium	002-CB102-93D	58
Selenium	002-CB132-93D	47
Selenium	007-CB031-93D	49
Selenium	007-CB281-93D	70
Selenium	007-CB132-93D	77
Selenium	007-CB231-93D	62
Selenium	007-CB341-93D	71
Thallium	002-CB061-93D	54
Thallium	007-CB132-93D	70
Thallium	007-CB031-93D	80
Thallium	007-CB191-93D	79

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
All soil samples	Cn.	+	J
		U	R
All soil samples	Sb, Cr, Se and Zn.	+/U	J/UJ
All soil samples	As.	+	J
002-CB061-93D, 002-CB102-93D, 002-CB132-93D, 007-CB031-93D, 007-CB281-93D, 007-CB132-93D, 007-CB231-93D AND 007-CB341-93D	Se.	+/U	J/UJ
002-CB061-93D, 007-CB132-93D, 007-CB031-93D AND 007-CB191-93D.	Tl.		

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	CNS14
Date:	April 8, 1996
Client Name:	Ensafe/Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	October 19 -28, 1993
Number of Samples:	1 Aqueous Sample(s) with 0 MS/MSD(s) 12 Non-aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Savannah Labs
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively with Region IV Modifications
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticides w/PCB's, Metals, Cyanide

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig G. Seufer

Eugene M. Watson, Vice President

4-12-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# CNS14

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL		CN	
S06T1028	WATER	X									
S06B251D	SOIL		X		X		X		X		
S06B272D	SOIL		X		X		X		X		
S08B111D	SOIL		X		X		X		X		
S08B171D	SOIL		X		X		X		X		
S08B251D	SOIL		X		X		X		X		
S08B302D	SOIL		X		X		X		X		
S08B311D	SOIL		X		X		X		X		
S21B061D	SOIL		X		X				X		
S01B0201	SOIL		X		X		X		X		X
S01B0202	SOIL		X		X		X		X		X
S02S041D	SOIL								X		
S02S091D	SOIL								X		
S02B161D	SOIL								X		
Total Billable Samples (Water/Soil)		1	10	0	10	0	9	0	13	0	2

VOA = SW846 Volatiles
SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
TAL = SW846 Metals
CN = SW846 Cyanide

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT AND NARRATIVE

VOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8240; the National Functional Guidelines for Organic Data Review, June 1991, and DQO Level IV. All comments made within this report should be considered when examining the analytical results.

SDG # CNS14

A validation was performed on the Volatile Data from SDG CNS14. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Samples
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds that were not within continuing calibration criteria. All average RRFs were within calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, IQ041, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

008CB17193D	bromomethane (50.21%)
021CB06193D	

The continuing calibration, BQ233, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

008CB11193D	2-butanone (66.18%)

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
008CB17193D 021CB06193D	bromomethane	+/-	J/UJ
008CB11193D	2-butanone	+/-	J/UJ

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT AND NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8270; National Functional Guidelines for Organic Data Review, and DQO Level IV. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # CNS14

A validation was performed on the Semivolatile Data from SDG CNS14. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Sample
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds that were not within %D continuing calibration criteria. All RRF were within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, DQ102, contained compounds with %D greater than 25%, but less than 50%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J).

008CB11193D	indeno(1,2,3-cd)pyrene (49.22%) Dibenz(a,h)anthracene (49.87%) Benzo(g,h,i)perylene (45.01%)

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

Contractual Non compliance

The laboratory is not evaluating sample surrogate recoveries based on the multi-laboratory limits found in the SW846 method 8270 on page 8270-31. The laboratory evaluated the sample surrogate recoveries based on their own laboratory generated limits. Heartland ESIs data evaluation will be based on the established multi-laboratory surrogate recovery limits and the National Functional Guidelines, not the laboratory generated recovery limits. The laboratory also failed to re-extract samples with surrogate recoveries that are not within the QA/QC limits as required by the method (page 8270-30 section 8.9.5).

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
008CB11193D	indeno(1,2,3-cd)pyrene	+	J
	Dibenz(a,h)anthracene		
	Benzo(g,h,i)perylene		

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and NEESA Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS14

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG CNS14. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- Calibration
- * Blanks
- Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- Compound Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Five (5) samples required qualification because of non-compliant surrogate recoveries.

Specific Finding

The following sample exhibited a DBC recovery below 10%. All positive results are qualified as estimated, J, and all non-detect results are rejected, R.

Sample	Surrogate	%Recovery
S01-B02-02	DBC	5%

Surrogate Recoveries, continued

The following samples exhibited DBC recoveries below the QC limits but above 10%. All positive and non-detect results are qualified as estimated, J/UJ.

S06-B27-1D	DBC	27%
S08-B25-1D		24%
S08-B30-2D		13%

The following sample exhibited DBC recoveries above the QC limit. All positive results are qualified as estimated, J.

S08-B31-1D	DBC	341%

Compound Quantitation

Specific Findings

All results reported with P flags are qualified as estimated, J, due to column quantitation %Ds greater than 25%.

The following sample is rejected, UR, in favor of the results reported from the original analysis of the sample.

S08-B71-1DRE

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
S01-B02-02	ALL	+/-	J/R
S06-B27-1D S08-B25-1D S08-B30-2D	ALL	+/-	J/UJ
S08-B31-1D	ALL	+	J
ALL	ALL P FLAGGED	+	J
S08-B71-1DRE	ALL	+/-	UR

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
\+ in the DL column denotes a positive result
\- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE
METALS

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS14

A validation was performed on the Metals Data from SDG CNS14. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
*	•	Blanks
*	•	Interferences
	•	Matrix Spike Recovery
	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
	•	MSAs

* - All criteria were met for this parameter.

Matrix Spike Analysis

Specific Finding

The Matrix Spike recoveries for soils for Antimony (26%), Lead (0%) and Cyanide (0%) was below 30%. The non-detect results are rejected and all positive results are qualified as estimated, "J".

The Matrix Spike recoveries for soils for Mercury (72%) and Selenium (53%) were below the lower control limits (<75% but >30%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

The Matrix Spike recoveries for soils for Copper (199%) and Manganese (164%) were above the upper control limits (>125%). All positive results are qualified as estimated, "J".

Duplicate Analysis

Specific Finding

The RPD for Calcium (80%) was greater than 35%. All positive results are qualified as estimated, "J". The difference for Antimony was not greater than 2 times the CRDL and will not be qualified.

MSAs

Specific Finding

The post digestion spike recovery for GFAA was below the lower control limits (<85% but >10%). All positive and non-detect results for the listed samples below are qualified as estimated, "J" or "UJ".

Element	Sample IDs	% recoveries
Selenium	002-C0041-93D	75
Selenium	002-CB161-93D	64
Selenium	006-CB251-93D	76
Selenium	006-CB272-93D	76
Selenium	008-CB111-93D	58
Selenium	008-CB171-93D	80
Selenium	008-CB302-93D	68
Selenium	008-CB311-93D	70
Selenium	021-CB061-93D	58
Selenium	S01-SB002-01	50
Selenium	S01-SB002-02	78
Thallium	008-CB171-93D	71
Thallium	002-C0041-93D	62
Thallium	002-CB161-93D	56

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
All soil samples	Sb, Pb and	+	J
	Cn.	U	R
All soil samples	Hg and Se.	+/U	J/UJ
All soil samples	Cu and Mn.	+	J
All soil samples	Ca.	+	J
002-C0041-93D, 002-CB161-93D, 006-CB251-93D, 006-CB272-93D, 008-CB111-93D, 008-CB171-93D, 008-CB302-93D, 008-CB311-93D, 021-CB061-93D, S01-SB002-01 AND S01-SB002-02.	Se.	+/U	J/UJ
0078-CB171-93D, 002-C0041-93D AND 002-CB161-93D.	Tl.		

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	CNS23
Date:	April 8, 1996
Client Name:	Ensafe/Allen & Hoshall
Project/Site Name:	Charleston; Zone A
Date Sampled:	November 9 -15, 1993
Number of Samples:	7 Aqueous Sample(s) with 0 MS/MSD(s)
Laboratory:	Savannah Labs
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively with Region IV Modifications
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticides w/PCB's, Metals,Cyanide

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Craig M. Searson

Eugene M. Watson, Vice President

4-12-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# CNS23

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL		CN	
S02W0201	WATER	X		X		X		X		X	
S02W021D	WATER	X		X		X		X		X	
S06W061D	WATER	X		X		X		X		X	
S08W051D	WATER	X				X		X		X	
S09W031D	WATER	X		X		X		X		X	
S21W031D	WATER	X		X				X		X	
S25W021D	WATER	X		X				X		X	
Total Billable Samples (Water/Soil)		7	0	6	0	5	0	7	0	7	0

VOA = SW846 Volatiles
SV = SW846 Semivolatiles
P/P = SW846 Pesticide/PCB's
TAL = SW846 Metals
CN = SW846 Cyanide

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT AND NARRATIVE

VOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8240; the National Functional Guidelines for Organic Data Review, June 1991, and DQO Level IV. All comments made within this report should be considered when examining the analytical results.

SDG # CNS23

A validation was performed on the Volatile Data from SDG CNS23. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Samples
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds that were not within continuing calibration criteria. All average RRFs were within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, LQ136, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

009HW03193D	vinyl acetate (73.36%)

The continuing calibration, BQ414, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

006HW06193D	2-butanone (54.16%) vinyl acetate (63.19%)

The continuing calibration, BQ417, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

008HW05193D 021HW03193D	vinyl acetate (66.77%)

The continuing calibration, BQ424, contained compounds with %Ds greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and non detects as estimated (UJ).

0025W021D	4-methyl-2-pentanone (60.48%)

Blank

The end user should note that the action levels indicated for the blank analysis may not involve the same weights, volumes, dilution factors, or percent moisture as associated samples. These factors must be taken into considerations when applying the 5X and 10X criteria to field samples.

Method Blank

Associated blank	Compound	Concentration	Action Level
BQ416	methylene chloride	3.2J	32
BQ419	chlorobenzene	2.12J	21

Samples	Compound	Qualification
006HW06193D	methylene chloride	CRQL
008HW05193D	chlorobenzene	CRQL

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

Contractual Non compliance

The laboratory is not evaluating sample surrogate recoveries based on the multi-laboratory limits found in the SW846 method 8240 on page 8270-34. The laboratory evaluated the sample surrogate recoveries based on their own laboratory generated limits. Heartland ESIs data evaluation will be based on the established multi-laboratory surrogate recovery limits and the National Functional Guidelines, not the laboratory generated recovery limits. The laboratory also failed to re-extract samples with surrogate recoveries that are not within the QA/QC limits as required by the method (page 8240-24 section 8.4.1).

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
009HW03193D	vinyl acetate	+/-	J/UJ
006HW06193D	2-butanone vinyl acetate	+/-	J/UJ
008HW05193D 021HW03193D	vinyl acetate	+/-	J/UJ
0025W021D	4-methyl-2-pentanone	+/-	J/UJ
006HW06193D	methylene chloride	+	CRQL
008HW05193D	chlorobenzene	+	CRQL

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT AND NARRATIVE

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard areas. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA 8270; National Functional Guidelines for Organic Data Review, and DQO Level IV. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # CNS23

A validation was performed on the Semivolatile Data from SDG CNS23. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Laboratory Control Sample
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Continuing calibrations

The continuing calibrations that were analyzed with this data package exhibited %Ds that were not within %D and RRF continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, GQ032, contained compounds with %D greater than 50%, but less than 90%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

021HW03193D	3-nitroaniline (57.64%)

System Performance and Overall Assessment

The overall system performance was fair. The laboratory did not encounter any large problems. The data reviewer estimates that less than 5% of the data is qualified.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL =	The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.
U =	The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.
No Action =	The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

The specific findings will be noted in numerical form on the Form Is in this data validation report. These specific finding footnotes will reflect the conclusions found in the data validation process that resulted in the qualification of the data.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
021HW03193D	3-nitroaniline	+/-	J/UJ

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE

CHLORINATED PESTICIDES/PCBs

General

The organic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, surrogate and matrix spike recoveries, GC performance, and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8080; the National Functional Guidelines for Organic Data Validation, June 1991, and NEESA Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS23

A validation was performed on the Chlorinated Pesticide/PCB Data from SDG CNS23. The data was evaluated based on the following parameters:

- * Data Completeness
- * Holding Times
- * Calibration
- * Blanks
- * Surrogate Recoveries
- * Matrix Spike/Matrix Spike Duplicates
- * Field Duplicates
- * Compound Identification
- Compound Quantitation

* - All criteria were met for this parameter.

Compound Quantitation

Specific Findings

The following samples are rejected, UR, in favor of the results reported from the RE or original analysis due to QC considerations (noted in parenthesis by each sample ID).

008HW05193DRE (unnecessary)
006HW06193D (Channel B malfunctioned)

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that 5% of data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

R = Result is rejected and unusable

D = Result value is based on dilution analysis

METHOD BLANK QUALIFICATION CODES

CRQL = The sample result for the blank contaminant is less than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is rejected and the CRQL for that analyte is reported.

U = The sample result for the blank contaminant is greater than the sample CRQL and is less than 10X the method blank value. The sample result for the blank contaminant is qualified as non detected at the analyte value reported.

No Action = The sample result for the blank contaminant is greater than the sample CRQL and is greater than 10X the method blank value. The sample result for the blank contaminant is not qualified with any blank qualifiers.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
008HW05193DRE	ALL	+/-	UR
006HW06193D			

* DL denotes the Form I qualifier supplied by the laboratory
QL denotes the qualifier used by the data validation firm
+ in the DL column denotes a positive result
- in the DL column denotes a non detect result

DATA ASSESSMENT NARRATIVE
METALS

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level IV requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # CNS23

A validation was performed on the Metals Data from SDG CNS23. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
*	•	Blanks
*	•	Interferences
	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
	•	Serial Dilutions
	•	MSAs

* - All criteria were met for this parameter.

Matrix Spike Analysis

Specific Finding

The Matrix Spike recovery for waters for Thallium (0%) was below 30%. The non-detect results are rejected and all positive results are qualified as estimated, "J".

The Matrix Spike recoveries for waters for Cadmium (61%), Mercury (71%), Selenium (53%) and Cyanide (38%) were below the lower control limits (<75% but >30%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

Serial Dilution Analysis

Specific Finding

The Serial Dilutions for waters for Calcium, Iron and Manganese were outside teh control limits (10%). All positive results are qualified as estimated, "J".

MSAs

Specific Finding

The post digestion spike recovery for GFAA was below the lower control limits (<85% but >10%). All positive and non-detect results for the listed samples below are qualified as estimated, "J" or "UJ".

Element	Sample IDs	% recoveries
Arsenic	002-HW021-93D	82
Arsenic	025-HW021-93D	83
Lead	006-HW061-93D	80
Lead	002-GW021-93	61
Lead	002-HW021-93D	58
Selenium	006-HW061-93D	58
Selenium	021-HW031-93D	58
Selenium	002-GW021-93	77
Selenium	002-HW021-93D	70
Selenium	002-HW051-93D	60
Thallium	009-HW031-93D	79
Thallium	002-GW021-93	81
Thallium	002-HW051-93D	44

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
All water samples	Tl.	+ U	J R
All water samples	Cd, Hg, Se and Cn.	+/U	J/UJ
All water samples	Ca, Fe and Mn.	+	J
002-HW021-93D AND 025-HW021-93D.	As.	+/U	J/UJ
006-HW061-93D, 002-GW021-93 AND 002-HW021-93D.	Pb.		
006-HW061-93D, 021-HW031-93D, 021-GW021-93, 002-HW021-93D AND 002-HW051-93D.	Se.		
009-HW031-93D, 002-GW021-93 AND 002-HW051-93D.	Tl.		

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	L5475
Date:	January 26, 1996
Client Name:	Ensafe, Inc.
Project/Site Name:	Charleston Zone A
Date Sampled:	October 4, 1995
Number of Samples:	4 Aqueous Sample(s) with 1 MS/MSD(s)
Laboratory:	Lockheed Analytical Services
Validation Guidance:	National Functional Guidelines for Organic and Inorganic Data, June 1991 and February, 1994, respectively
QA/QC Level:	EPA DQO Level IV
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Metals

Analytical data in this report were screened to determine usability of results and also to determine contractual compliance relative to these requirements and deliverables. This screening assumes analytical results are correct as reported and merely provides an interpretation of the reported quality control results. A minimum of 10% of all laboratory calculations have been verified as part of this validation. All instrument output, i.e. spectra, chromatograms, etc., for each sample have been carefully reviewed. The end-user in urged to review the Specific Findings and associated Data Qualifications presented in this report. Annotated Form 1s or spreadsheets for all samples reviewed are included after the Data Assessment Narratives. Form 1s for MS/MSD samples or spreadsheets are not annotated.

The release of this Data Validation Report is authorized by the following signature:

Eugene M. Watson, Vice President

31 Jan 96
Date

6716 Mexico Road · St. Peters, MO 63376
(314) 928-9533 · (314) 278-1828 · Fax (314) 278-2709

SDG# L5475

Samples and Fractions Reviewed

Sample Identifications Analytical Fracti

ENSAFE ID	MATRIX	TAL	
GW00101	WATER	X	
GW00301	WATER	X	
GW00501	WATER	X	
GW00601	WATER	X	
Total Billable Samples (Water/Soil)		4	0

TAL= SW846 Metals

DATA ASSESSMENT NARRATIVE
METALS

General

The inorganic findings offered in this screening report assumes that all analytical results are correct as reported and is based upon the examination of the reported holding times, blank analysis results, matrix spike and LCS recoveries, matrix duplicates and calibration results. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the CLP ILM03.0 Method; the Functional Guidelines for Inorganic Data Validation, February 1994, and DQO Level III requirements. All comments made within this report should be considered when examining the analytical results. Please refer the specific findings found in each category to the Summary of Data Qualification table.

SDG # L5475

A validation was performed on the Metals Data from SDG L5475. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Calibrations
- Blanks
- * Interferences
- Matrix Spike Recovery
- * Matrix Duplicates
- * Field Duplicates
- * Laboratory Control Samples
- Serial Dilutions
- MSAs

* - All criteria were met for this parameter.

Preparation and Field Blanks

Specific Finding

The preparation blank exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Iron	11.8 ug/l	no impact
Sodium	90.0 ug/l	no impact
Zinc	4.74 ug/l	CNSGW00101, 301 and 501.

The USEPA requires that all sample values below five times the preparation, field, DI or calibration blank contamination be qualified as estimated, "U". The field or DI water blanks exhibited contamination but had no impact on the data.

Matrix Spike Analysis

Specific Finding

The Matrix Spike analysis for Thallium was below the lower control limits. All positive and non-detect results for all water samples are qualified as estimated, "J" or "UJ".

Serial Dulition Analysis

Specific Finding

The Serial dilution analysis for Iron was outside the control limits. All positive results for all water samples are qualified as estimated, "J".

MSAs

Specific Finding

The post digestion spike recovery for GFAA was below the lower control limits. All positive and non-detect results for the listed samples below are qualified as estimated, "J" or "UJ".

Element	Sample IDs	% recoveries
Selenium	CNSGW00501	82
Thallium	CNSGW00501	77

Specific Finding

All sample results left with a "B" qualifier after all other qualifications, will be qualified with a "J" qualifier in place of the "B" per Ensafe's request.

SUMMARY OF DATA QUALIFICATIONS

Sample ID	Analyte	DL	QL
CNSGW00101, 301 and 501.	Zn.	+	U
All samples	Tl.	+/U	J/UJ
All samples	Fe.	+	J
CNSGW00501.	Se and Tl.	+/U	J/UJ
All "B" results	all analytes	B	J