N61165.AR.003612
CNC CHARLESTON
5090.3a

RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION REPORT
ZONE G VOLUME V OF VI APPENDIX D AND PART OF E CNC CHARLESTON SC
2/20/1998
ENSAFE

ZONE G
RCRA FACILITY
INVESTIGATION REPORT
NAVBASE CHARLESTON

VOLUME V of VI
APPENDIX D and Part of E

CONTRACT N62467-89-D-0318
CTO-029

Prepared for:

Comprehensive Long-Term Environmental Action Navy (CLEAN)
Charleston Naval Shipyard
Charleston, South Carolina

Prepared by:

EnSafe Inc.
5724 Summer Trees Drive
Memphis, Tennessee 38134
(901)372-7962

February 20, 1998
Revision: 0

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
P.O. BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON, S.C. 29419-9010

5090/11
Code 1877
26 February, 1998

Mr. John Litton, P.E.
Director, Division of Hazardous and Infectious Waste Management
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Subj: SUBMITTAL OF ZONE G RCRA FACILITY INVESTIGATION REPORT

Dear Mr. Thompson,

The purpose of this letter is to submit the Zone G Final RCRA Facility Investigation Report for Naval Base Charleston. The Report is submitted to fulfill the requirements of condition IV.B.2 of the RCRA Part B permit issued to the Navy by the South Carolina Department of Health and Environmental Control and U.S. Environmental Protection Agency.

The results of Zone G RFI field work has been reviewed with Department and EPA representatives during previous Project Team meetings and concerns have been incorporated into this draft report. We request that the Department and the EPA review the report and provide comment or approval as appropriate. If you should have any questions, please contact Bill Drawdy or Matthew Hunt at (803) 743-9985 and (803) 820-5525 respectively.

Sincerely,

P. M. ROSE
LCDR, U.S. Navy
Caretaker Site Officer
by direction

Encl: Draft Zone G RFI Report, dated 20 February 1998

Copy to:
SCDHEC (Paul Bergstrand, Johnny Tapia)
USEPA (Dann Spariosu)
SOUTHNAVFACENGCOM (Matthew Hunt)
CSO Naval Base Charleston (Billy Drawdy, Daryle Fontenot)
SPORTENVDETCHASN (Bobby Dearhart)
Bechtel (Mac McNeil)

ZONE G
RCRA FACILITY
INVESTIGATION REPORT
NAVBASE CHARLESTON

VOLUME V of VI
APPENDIX D and Part of E

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Appendix D
Zone G
Analytical Data Summary

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/10/96
DATE ANALYZED --->	10/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
94-75-7	2,4-D	68.	U
93-72-1	2,4,5-TP (Silvex)	15.	U
93-76-5	2,4,5-T	18.	U
88-85-7	Dinoseb	41.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/10/96
DATE ANALYZED --->	10/26/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
319-84-6	alpha-BHC	1.4	U
319-85-7	beta-BHC	1.4	U
319-86-8	delta-BHC	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U
76-44-8	Heptachlor	1.4	UJ
309-00-2	Aldrin	1.4	U
1024-57-3	Heptachlor epoxide	1.4	U
959-98-8	Endosulfan I	1.4	U
60-57-1	Dieldrin	3.3	
72-55-9	4,4'-DDE	16.	
72-20-8	Endrin	2.7	U
33213-65-9	Endosulfan II	2.7	U
72-54-8	4,4'-DDD	9.1	J
1031-07-8	Endosulfan sulfate	2.7	U
50-29-3	4,4'-DDT	97.	D
72-43-5	Methoxychlor	14.	U
53494-70-5	Endrin ketone	2.7	U
7421-93-4	Endrin aldehyde	2.7	U
5103-71-9	alpha-Chlordane	1.4	UJ
5103-74-2	gamma-Chlordane	2.6	
8001-35-2	Toxaphene	91.	U
12674-11-2	Aroclor-1016	36.	U
11104-28-2	Aroclor-1221	36.	U
11141-16-5	Aroclor-1232	36.	U
53469-21-9	Aroclor-1242	36.	U
12672-29-6	Aroclor-1248	36.	U
11097-69-1	Aroclor-1254	74.	U
11096-82-5	Aroclor-1260	74.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/12/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
108-95-2	Phenol	360.	U
111-44-4	bis(2-Chloroethyl)ether	360.	U
95-57-8	2-Chlorophenol	360.	U
541-73-1	1,3-Dichlorobenzene	360.	U
106-46-7	1,4-Dichlorobenzene	360.	U
100-51-6	Benzyl alcohol	360.	U
95-50-1	1,2-Dichlorobenzene	360.	U
95-48-7	2-Methylphenol (o-Cresol)	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360.	U
106-44-5	4-Methylphenol (p-Cresol)	360.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U
67-72-1	Hexachloroethane	360.	U
98-95-3	Nitrobenzene	360.	U
78-59-1	Isophorone	360.	U
88-75-5	2-Nitrophenol	360.	U
105-67-9	2,4-Dimethylphenol	360.	U
111-91-1	bis(2-Chloroethoxy)methane	360.	U
120-83-2	2,4-Dichlorophenol	360.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U
91-20-3	Naphthalene	360.	U
106-47-8	4-Chloroaniline	360.	U
87-68-3	Hexachlorobutadiene	360.	U
59-50-7	4-Chloro-3-methylphenol	360.	U
91-57-6	2-Methylnaphthalene	360.	U
77-47-4	Hexachlorocyclopentadiene	360.	U
88-06-2	2,4,6-Trichlorophenol	360.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U
91-58-7	2-Chloronaphthalene	360.	U
88-74-4	2-Nitroaniline	1800.	U
131-11-3	Dimethyl phthalate	360.	U
208-96-8	Acenaphthylene	360.	U
606-20-2	2,6-Dinitrotoluene	360.	U
99-09-2	3-Nitroaniline	1800.	U
83-32-9	Acenaphthene	360.	U
51-28-5	2,4-Dinitrophenol	1800.	U
100-02-7	4-Nitrophenol	1800.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/12/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
132-64-9	Dibenzofuran	360.	U
121-14-2	2,4-Dinitrotoluene	360.	U
84-66-2	Diethylphthalate	360.	U
7005-72-3	4-Chlorophenylphenylether	360.	U
86-73-7	Fluorene	360.	U
100-01-6	4-Nitroaniline	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U
86-30-6	N-Nitrosodiphenylamine	360.	U
101-55-3	4-Bromophenyl-phenylether	360.	U
118-74-1	Hexachlorobenzene	360.	U
87-86-5	Pentachlorophenol	1800.	U
85-01-8	Phenanthrene	360.	U
120-12-7	Anthracene	360.	U
86-74-8	Carbazole	360.	UR
84-74-2	Di-n-butylphthalate	360.	U
206-44-0	Fluoranthene	360.	U
129-00-0	Pyrene	360.	U
85-68-7	Butylbenzylphthalate	930.	
91-94-1	3,3'-Dichlorobenzidine	720.	U
56-55-3	Benzo(a)anthracene	360.	U
218-01-9	Chrysene	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U
117-84-0	Di-n-octyl phthalate	360.	U
205-99-2	Benzo(b)fluoranthene	360.	U
207-08-9	Benzo(k)fluoranthene	360.	U
50-32-8	Benzo(a)pyrene	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U
53-70-3	Dibenz(a,h)anthracene	360.	U
191-24-2	Benzo(g,h,i)perylene	360.	U
110-86-1	Pyridine	360.	U
62-75-9	N-Nitrosodimethylamine	360.	U
66-27-3	Methyl methanesulfonate	1800.	U
62-53-3	Aniline	360.	U
10595-95-6	N-Nitrosomethylethylamine	360.	UJ
55-18-5	N-Nitrosodiethylamine	360.	UJ
62-50-0	Ethyl methanesulfonate	360.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/12/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
109-06-8	2-Picoline	360.	U
98-86-2	Acetophenone	360.	UJ
930-55-2	N-Nitrosopyrrolidine	360.	U
108-39-4	3-Methylphenol (m-Cresol)	360.	UJ
59-89-2	N-Nitrosomorpholine	360.	U
95-53-4	o-Toluidine	360.	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	360.	UR
100-75-4	N-Nitrosopiperidine	360.	UJ
126-68-1	O,O,O-Triethylphosphorothioate	360.	UJ
122-09-8	a,a-Dimethylphenethylamine	360.	U
87-65-0	2,6-Dichlorophenol	360.	U
1888-71-7	Hexachloropropene	360.	U
106-50-3	p-Phenylenediamine	1800.	U
924-16-3	N-Nitroso-di-n-butylamine	360.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	360.	U
94-59-7	Safrole	360.	UJ
120-58-1	Isosafrole	360.	UJ
130-15-4	1,4-Naphthoquinone	360.	UR
99-65-0	1,3-Dinitrobenzene	360.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	360.	U
608-93-5	Pentachlorobenzene	360.	U
134-32-7	1-Naphthylamine	360.	U
56-57-5	4-Nitroquinoline 1-oxide	1800.	U
91-59-8	2-Naphthylamine	360.	UJ
297-97-2	Thionazin	720.	UJ
99-55-8	5-Nitro-o-toluidine	360.	UJ
122-39-4	Diphenylamine	360.	UJ
3689-24-5	Sulfotep	720.	U
99-35-4	1,3,5-Trinitrobenzene	360.	U
298-02-2	Phorate	360.	UJ
62-44-2	Phenacetin	360.	UR
2303-16-4	Diallate	360.	UR
60-51-5	Dimethoate	360.	UJ
92-67-1	4-Aminobiphenyl	360.	UJ
23950-58-5	Pronamide	360.	UJ
82-68-8	Pentachloronitrobenzene	1800.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/12/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
298-04-4	Disulfoton	360.	UJ
88-85-7	Dinoseb	360.	U
298-00-0	Methyl parathion	720.	UJ
56-38-2	Parathion	720.	UJ
91-80-5	Methapyrilene	720.	U
465-73-6	Isodrin	720.	UJ
140-57-8	Aramite	1800.	U
60-11-7	p-(Dimethylamino)azobenzene	360.	U
510-15-6	Chlorobenzilate	360.	U
119-93-7	3,3-Dimethylbenzidine	360.	UJ
143-50-0	Kepone	1800.	UR
52-85-7	Famphur	360.	UJ
53-96-3	Acetamidofluorene	360.	UJ
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	UJ
70-30-4	Hexachlorophene	7200.	UR
56-49-5	3-Methyl cholanthrene	360.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE ANALYZED --->	10/15/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	13.	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)	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
108-05-4	Vinyl acetate	11.	U
75-27-4	Bromodichloromethane	5.	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
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)	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	5.	U
108-88-3	Toluene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	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
110-75-8	2-Chloroethyl vinyl ether	11.	U
107-02-8	Acrolein	2.	J
74-88-4	Methyl iodide	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE ANALYZED --->	10/15/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27232	VAL
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
76-01-7	Pentachloroethane	5.	U
75-05-8	Acetonitrile	220.	UR
107-13-1	Acrylonitrile	55.	U
107-12-0	Propionitrile	110.	U
126-98-7	Methacrylonitrile	110.	U
78-83-1	Isobutyl alcohol	220.	UR
123-91-1	1,4-Dioxane	550.	UR
80-62-6	Methyl methacrylate	5.	U
97-63-2	Ethyl methacrylate	5.	U
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
75-71-8	Dichlorodifluoromethane	5.	U
75-69-4	Trichlorofluoromethane	5.	U
74-95-3	Methylene bromide	11.	U
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02		003-S-B002-01		003-S-B002-02		003-S-B003-01		003-S-B003-02	
	ORIGINAL ID ----->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	LAB SAMPLE ID --->	26792.04		26792.05		26766.09		26766.10		26766.07		26766.08	
	ID FROM REPORT -->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/28/96		08/28/96		08/28/96		08/28/96	
	DATE EXTRACTED -->	09/05/96		09/05/96		09/04/96		09/04/96		09/04/96		09/04/96	
	DATE ANALYZED --->	09/09/96		09/09/96		09/05/96		09/05/96		09/05/96		09/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26725	VAL	26725	VAL	26725	VAL	26725	VAL
57-12-5	Cyanide (CN)	0.11	U	0.16	U	0.11	U	0.11	U	0.28	J	0.12	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

CYANIDE

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/13/96
DATE ANALYZED --->	10/14/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27232	VAL
57-12-5	Cyanide (CN)	0.24	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/21/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27232	VAL
18540-29-9	Chromium (Hexavalent)	0.276	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

PH							
	SAMPLE ID ------->	003-S-B002-01	003-S-B002-02	003-S-B003-01	003-S-B003-02		
	ORIGINAL ID ----->	003SB00201	003SB00202	003SB00301	003SB00302		
	LAB SAMPLE ID --->	26766.09	26766.10	26766.07	26766.08		
	ID FROM REPORT -->	003SB00201	003SB00202	003SB00301	003SB00302		
	SAMPLE DATE ----->	08/28/96	08/28/96	08/28/96	08/28/96		
	DATE ANALYZED --->	09/03/96	09/03/96	09/03/96	09/03/96		
	MATRIX ---------->	Soil	Soil	Soil	Soil		
	UNITS ---------->	SU	SU	SU	SU		
CAS #	Parameter	26725 VAL	26725 VAL	26725 VAL	26725 VAL		
9999900-09-4	pH	7.86	7.93	6.89	7.18		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	003-C-B007-01
ORIGINAL ID ----->	003CB00701
LAB SAMPLE ID --->	27246.01
ID FROM REPORT -->	003CB00701
SAMPLE DATE ----->	10/08/96
DATE EXTRACTED -->	10/10/96
DATE ANALYZED --->	10/17/96
MATRIX ---------->	Soil
UNITS ----------->	NG/KG

CAS #	Parameter	27232	VAL
1746-01-6	2378-TCDD	0.146	U
40321-76-4	12378-PeCDD	0.145	U
39227-28-6	123478-HxCDD	0.262	U
57653-85-7	123678-HxCDD	0.19	U
19408-74-3	123789-HxCDD	0.198	U
35822-46-9	1234678-HpCDD	3.81	
3268-87-9	OCDD	126.	
51207-31-9	2378-TCDF	0.328	U
57117-41-6	12378-PeCDF	0.153	U
57117-31-4	23478-PeCDF	0.147	U
70648-26-9	123478-HxCDF	0.09	U
57117-44-9	123678-HxCDF	0.065	U
72918-21-9	123789-HxCDF	0.088	U
60851-34-5	234678-HxCDF	0.472	J
67562-39-4	1234678-HpCDF	0.587	U
55673-89-7	1234789-HpCDF	0.237	U
39001-02-0	OCDF	0.594	U
41903-57-5	Total Tetra-Dioxins	0.146	U
36088-22-9	Total Penta-Dioxins	0.145	U
34465-46-8	Total Hexa-Dioxins	0.738	
37871-00-4	Total Hepta-Dioxins	11.3	
55722-27-5	Total Tetra-Furans	0.328	U
30602-15-4	Total Penta-Furans	0.147	U
55684-94-1	Total Hexa-Furans	0.065	U
38998-75-3	Total Hepta-Furans	0.205	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02		003-S-B002-01		003-S-B002-02		003-S-B003-01		003-S-B003-02	
	ORIGINAL ID ----->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	LAB SAMPLE ID --->	26792.04		26792.05		26766.09		26766.10		26766.07		26766.08	
	ID FROM REPORT -->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/28/96		08/28/96		08/28/96		08/28/96	
	DATE EXTRACTED -->	09/06/96		09/06/96		09/05/96		09/05/96		09/05/96		09/05/96	
	DATE ANALYZED --->	09/12/96		09/12/96		09/12/96		09/12/96		09/12/96		09/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26725	VAL	26725	VAL	26725	VAL	26725	VAL
7429-90-5	Aluminum (Al)	4200.		5150.		6330.		4990.		8000.		6810.	
7440-36-0	Antimony (Sb)	0.41	UJ	0.55	UJ	0.32	U	0.33	U	0.72	U	0.35	U
7440-38-2	Arsenic (As)	1.6	J	2.6	J	3.4		1.5		3.6		4.3	
7440-39-3	Barium (Ba)	34.8		20.3		44.6		24.7		52.		14.5	
7440-41-7	Beryllium (Be)	0.34	U	0.26	U	0.55		0.28		0.67		0.29	
7440-43-9	Cadmium (Cd)	0.04	U	0.15	J	0.22		0.11	U	0.38		0.12	J
7440-70-2	Calcium (Ca)	3770.	J	1290.	J	12400.		813.		34000.		5180.	
7440-47-3	Chromium (Cr)	4.4		16.4		12.		6.3		12.9		28.	
7440-48-4	Cobalt (Co)	2.		0.89		2.6		1.6		2.1		0.9	
7440-50-8	Copper (Cu)	2.3		0.51	J	11.9		0.83	J	28.7		0.47	U
7439-89-6	Iron (Fe)	4670.		12700.		6860.		5750.		4210.		20000.	
7439-92-1	Lead (Pb)	3.	J	4.1	J	114.		4.1		50.6		5.5	
7439-95-4	Magnesium (Mg)	278.		367.		630.		289.		1290.		575.	
7439-96-5	Manganese (Mn)	61.8	J	27.3	J	193.		39.1		183.		26.	
7439-97-6	Mercury (Hg)	0.27		0.04	U	0.06		0.04	U	0.11		0.04	U
7440-02-0	Nickel (Ni)	2.2		1.3		7.		2.3		6.3		1.3	
7440-09-7	Potassium (K)	128.	U	245.		224.		169.		302.		259.	
7782-49-2	Selenium (Se)	0.33	UJ	0.34	UJ	0.32	U	0.33	U	0.36	U	0.35	U
7440-22-4	Silver (Ag)	0.21	U	0.22	U	0.22	U	0.22	U	0.37	U	0.44	U
7440-23-5	Sodium (Na)	167.	J	154.	J	226.		171.		185.		119.	J
7440-28-0	Thallium (Tl)	0.38	UJ	0.39	UJ	0.32	U	0.33	U	0.36	U	0.35	U
7440-31-5	Tin (Sn)	0.62	U	0.71	U	1.6	U	1.	U	2.3	U	1.4	U
7440-62-2	Vanadium (V)	7.7		21.		13.1		9.4		15.6		32.	
7440-66-6	Zinc (Zn)	10.3		59.8		47.1		14.4		64.3		9.2	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	003-S-B004-01		003-S-B004-02		003-S-B005-01		003-S-B005-02		003-S-B006-01		003-S-B006-02	
	ORIGINAL ID ----->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	LAB SAMPLE ID --->	27115.03		27115.04		27115.11		27115.12		27115.09		27115.10	
	ID FROM REPORT -->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/15/96		10/15/96		10/16/96		10/16/96		10/16/96		10/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
7429-90-5	Aluminum (Al)	6750.		5620.		5960.		8080.		5390.		9840.	
7440-36-0	Antimony (Sb)	0.34	J	0.35	U	0.33	U	0.36	U	0.32	U	0.35	U
7440-38-2	Arsenic (As)	2.6		2.2		1.5		4.4		1.2		3.	
7440-39-3	Barium (Ba)	40.1		39.7		65.		26.8		45.1		33.3	
7440-41-7	Beryllium (Be)	0.56		0.53		0.58		0.37		0.51		0.5	
7440-43-9	Cadmium (Cd)	0.04	U	0.05	U	0.04	U	0.05	U	0.04	U	0.05	U
7440-70-2	Calcium (Ca)	6840.		8040.		1360.		1270.		1380.		1420.	
7440-47-3	Chromium (Cr)	9.7		6.6		4.9		23.5		4.7		17.3	
7440-48-4	Cobalt (Co)	2.4		2.3		2.5		0.9	J	2.	J	1.9	J
7440-50-8	Copper (Cu)	4.9	U	2.5	U	3.5	U	0.7	U	3.	U	1.7	U
7439-89-6	Iron (Fe)	6170.		4700.		3510.		16200.		3210.		12200.	
7439-92-1	Lead (Pb)	16.		8.2		5.4		6.4		4.9		7.	
7439-95-4	Magnesium (Mg)	519.		447.		359.		461.		338.		670.	
7439-96-5	Manganese (Mn)	194.		196.		341.		29.8		207.		62.1	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	4.4	U	3.8	U	3.8	U	2.4	U	3.1	U	3.6	U
7440-09-7	Potassium (K)	218.	U	231.	U	218.	U	347.	J	214.	U	406.	J
7782-49-2	Selenium (Se)	0.33	U	0.35	U	0.33	U	0.36	U	0.36	J	0.35	U
7440-22-4	Silver (Ag)	0.21	UJ	0.22	UJ	0.21	UJ	0.23	UJ	0.2	UJ	0.22	UJ
7440-23-5	Sodium (Na)	152.	U	152.	U	121.	U	134.	U	120.	U	121.	U
7440-28-0	Thallium (Tl)	0.37	U	0.39	U	0.37	U	0.4	U	0.36	U	0.4	U
7440-31-5	Tin (Sn)	1.2	U	0.98	U	1.3	U	1.6	U	1.1	U	1.5	U
7440-62-2	Vanadium (V)	11.9		7.7		6.		29.2		5.4		20.3	
7440-66-6	Zinc (Zn)	31.3	U	10.7	U	23.8	U	11.3	U	14.3	U	15.7	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	003-S-B007-01		003-C-B007-01		003-S-B008-01		003-S-B008-02		003-S-B009-01		003-S-B009-02	
	ORIGINAL ID ----->	003SB00701		003CB00701		003SB00801		003SB00802		003SB00901		003SB00902	
	LAB SAMPLE ID --->	27245.01		27246.01		27115.07		27115.08		27115.01		27115.02	
	ID FROM REPORT -->	003SB00701		003CB00701		003SB00801		003SB00802		003SB00901		003SB00902	
	SAMPLE DATE ----->	10/08/96		10/08/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/14/96		10/14/96		10/03/96		10/03/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/23/96		10/22/96		10/16/96		10/16/96		10/15/96		10/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27232	VAL	27232	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
7429-90-5	Aluminum (Al)	7230.		6800.		4920.		5520.		3750.		6270.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.36	U	0.32	U	0.35	U	0.31	U	0.39	J
7440-38-2	Arsenic (As)	1.5		1.5		1.6		1.8		2.		2.9	
7440-39-3	Barium (Ba)	13.2		13.		37.5		22.3		27.9		40.2	
7440-41-7	Beryllium (Be)	0.15	U	0.15	U	0.49		0.37		0.35		0.64	
7440-43-9	Cadmium (Cd)	0.04	U	0.04	U	0.25	J	0.05	U	0.04	U	0.22	J
7440-70-2	Calcium (Ca)	354.	J	780.		22600.		7010.		2830.		23200.	
7440-47-3	Chromium (Cr)	6.7		6.5		5.6		9.		4.7		14.2	
7440-48-4	Cobalt (Co)	1.6	J	16.8	J	2.4		1.2	J	1.7	J	2.5	
7440-50-8	Copper (Cu)	0.58	U	1.2	U	4.	U	0.85	U	4.4	U	41.5	
7439-89-6	Iron (Fe)	3120.		2780.		3320.		8520.		4100.		5330.	
7439-92-1	Lead (Pb)	5.4	J	5.4		8.2		3.7		12.1		36.9	
7439-95-4	Magnesium (Mg)	174.		244.		1060.		498.		280.		1260.	
7439-96-5	Manganese (Mn)	12.2	J	23.1	J	210.		50.9		118.		164.	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.04	U	0.04	U	0.033	U	0.04	
7440-02-0	Nickel (Ni)	2.4	J	4.	J	4.1	U	2.2	U	2.6	U	13.	U
7440-09-7	Potassium (K)	220.	U	221.	U	216.	U	230.	U	209.	U	258.	J
7782-49-2	Selenium (Se)	0.41	J	0.7		0.32	U	0.35	U	0.31	U	0.43	J
7440-22-4	Silver (Ag)	0.21	U	0.38	U	0.21	UJ	0.22	UJ	0.2	UJ	0.22	UJ
7440-23-5	Sodium (Na)	133.	U	142.	U	137.	U	151.	U	117.	U	240.	U
7440-28-0	Thallium (Tl)	0.37	U	0.38	U	0.37	U	0.39	U	0.36	U	0.39	U
7440-31-5	Tin (Sn)	1.3	U	1.5	U	1.4	U	1.	U	1.	U	4.3	U
7440-62-2	Vanadium (V)	8.9		8.5		6.7		14.3		7.3		17.2	
7440-66-6	Zinc (Zn)	33.6		5.3	U	37.	U	8.9	U	17.8	U	126.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	003-S-B010-01		003-S-B010-02					
	ORIGINAL ID ----->	003SB01001		003SB01002					
	LAB SAMPLE ID --->	27115.05		27115.06					
	ID FROM REPORT -->	003SB01001		003SB01002					
	SAMPLE DATE ----->	09/26/96		09/26/96					
	DATE EXTRACTED -->	10/03/96		10/03/96					
	DATE ANALYZED --->	10/15/96		10/15/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	27115	VAL	27115	VAL				
7429-90-5	Aluminum (Al)	7220.		6760.					
7440-36-0	Antimony (Sb)	0.33	U	0.35	U				
7440-38-2	Arsenic (As)	3.3		2.2					
7440-39-3	Barium (Ba)	38.3		36.8					
7440-41-7	Beryllium (Be)	0.52		0.43					
7440-43-9	Cadmium (Cd)	0.06	J	0.14	J				
7440-70-2	Calcium (Ca)	3280.		929.					
7440-47-3	Chromium (Cr)	12.		9.					
7440-48-4	Cobalt (Co)	2.4		2.2	J				
7440-50-8	Copper (Cu)	10.7		1.6	U				
7439-89-6	Iron (Fe)	6660.		6910.					
7439-92-1	Lead (Pb)	41.7		6.3					
7439-95-4	Magnesium (Mg)	602.		420.					
7439-96-5	Manganese (Mn)	160.		114.					
7439-97-6	Mercury (Hg)	0.04		0.04	U				
7440-02-0	Nickel (Ni)	5.6	U	3.5	U				
7440-09-7	Potassium (K)	278.	J	233.	U				
7782-49-2	Selenium (Se)	0.43	J	0.35	U				
7440-22-4	Silver (Ag)	0.21	UJ	0.22	UJ				
7440-23-5	Sodium (Na)	142.	U	127.	U				
7440-28-0	Thallium (Tl)	0.37	U	0.4	U				
7440-31-5	Tin (Sn)	1.5	U	1.2	U				
7440-62-2	Vanadium (V)	15.8		11.3					
7440-66-6	Zinc (Zn)	52.9		13.7	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-OP P													
	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02		003-S-B002-01		003-S-B002-02		003-S-B003-01		003-S-B003-02	
	ORIGINAL ID ----->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	LAB SAMPLE ID --->	27595.21		27595.22		27595.19		27595.20		27595.17		27595.18	
	ID FROM REPORT -->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	SAMPLE DATE ----->	11/12/96		11/12/96		11/12/96		11/12/96		11/12/96		11/12/96	
	DATE EXTRACTED -->	11/14/96		11/14/96		11/14/96		11/14/96		11/14/96		11/14/96	
	DATE ANALYZED --->	11/28/96		11/28/96		11/28/96		11/28/96		11/28/96		11/28/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27595	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL
298-02-2	Phorate	72.	U	75.	U	75.	U	73.	U	79.	U	77.	U
298-04-4	Disulfoton	128.	U	134.	U	134.	U	130.	U	142.	U	137.	U
298-00-0	Methyl parathion	18.	U	19.	U	19.	U	18.	U	20.	U	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-OP P													
	SAMPLE ID ------->	003-S-B004-01		003-S-B004-02		003-S-B005-01		003-S-B005-02		003-S-B006-01		003-S-B006-02	
	ORIGINAL ID ----->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	LAB SAMPLE ID --->	27595.15		27595.16		27595.13		27595.14		27595.11		27595.12	
	ID FROM REPORT -->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	SAMPLE DATE ----->	11/12/96		11/12/96		11/12/96		11/12/96		11/12/96		11/12/96	
	DATE EXTRACTED -->	11/14/96		11/14/96		11/14/96		11/14/96		11/14/96		11/14/96	
	DATE ANALYZED --->	11/27/96		11/27/96		11/27/96		11/27/96		11/27/96		11/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27595	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL
298-02-2	Phorate	74.	U	73.	U	71.	U	73.	U	72.	U	78.	U
298-04-4	Disulfoton	132.	U	131.	U	127.	U	132.	U	129.	U	139.	U
298-00-0	Methyl parathion	19.	U	19.	U	18.	U	19.	U	18.	U	20.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-OP P													
	SAMPLE ID ------->	003-C-B007-01		003-S-B008-01		003-S-B008-02		003-S-B009-01		003-S-B009-02		003-S-B010-01	
	ORIGINAL ID ----->	003CB00701		003SB00801		003SB00802		003SB00901		003SB00902		003SB01001	
	LAB SAMPLE ID --->	27246.01		27595.05		27595.08		27595.03		27595.04		27595.01	
	ID FROM REPORT -->	003CB00701		003SB00801		003SB00802		003SB00901		003SB00902		003SB01001	
	SAMPLE DATE ----->	10/08/96		11/12/96		11/12/96		11/12/96		11/12/96		11/12/96	
	DATE EXTRACTED -->	10/12/96		11/14/96		11/14/96		11/14/96		11/14/96		11/14/96	
	DATE ANALYZED --->	10/23/96		11/27/96		11/27/96		11/27/96		11/27/96		11/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27232	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL
298-02-2	Phorate	74.	U	73.	U	75.	U	73.	U	74.	U	74.	U
298-04-4	Disulfoton	132.	U	130.	U	134.	U	131.	U	133.	U	132.	U
298-00-0	Methyl parathion	19.	U	18.	U	19.	U	19.	U	19.	U	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	003-S-B010-02
ORIGINAL ID ----->	003SB01002
LAB SAMPLE ID --->	27595.02
ID FROM REPORT -->	003SB01002
SAMPLE DATE ----->	11/12/96
DATE EXTRACTED -->	11/14/96
DATE ANALYZED --->	11/27/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27595	VAL
298-02-2	Phorate	76.	U
298-04-4	Disulfoton	137.	U
298-00-0	Methyl parathion	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02		003-S-B002-01		003-S-B002-02		003-S-B003-01		003-S-B003-02	
	ORIGINAL ID ----->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	LAB SAMPLE ID --->	26792.04		26792.05		27595.19		27595.20		27595.17		27595.18	
	ID FROM REPORT -->	003SB00101		003SB00102		003SB00201		003SB00202		003SB00301		003SB00302	
	SAMPLE DATE ----->	08/29/96		08/29/96		11/12/96		11/12/96		11/12/96		11/12/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		11/14/96		11/14/96		11/14/96		11/14/96	
	DATE ANALYZED --->	09/17/96		09/17/96		11/21/96		11/21/96		11/26/96		11/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	27595	VAL	27595	VAL	27595	VAL	27595	VAL
319-84-6	alpha-BHC	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
319-85-7	beta-BHC	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.5	U	1.5	U	1.4	U	520.		1.5	U
309-00-2	Aldrin	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	1.5	U	3.1		1.4	U	150.	U	1.5	U
959-98-8	Endosulfan I	1.4	U	1.5	U	1.5	U	1.4	U	150.	U	1.5	U
60-57-1	Dieldrin	2.8	U	2.8	U	5.9	U	2.7	U	300.	U	2.9	U
72-55-9	4,4'-DDE	3.5		2.8	U	81.	D	2.7	U	2600.	J	2.9	U
72-20-8	Endrin	2.8	U	2.8	U	8.6	J	2.7	U	540.	J	2.9	U
33213-65-9	Endosulfan II	2.8	U	2.8	U	2.8	U	2.7	U	300.	U	2.9	U
72-54-8	4,4'-DDD	2.8	U	2.8	U	4.8	U	2.7	U	420.	J	2.9	U
1031-07-8	Endosulfan sulfate	2.8	U	2.8	U	2.8	U	2.7	U	300.	U	2.9	U
50-29-3	4,4'-DDT	2.8	U	2.8	U	65.	D	2.7	U	570.	J	2.9	U
72-43-5	Methoxychlor	14.	U	15.	U	15.	U	14.	U	1500.	U	15.	U
53494-70-5	Endrin ketone	2.8	U	2.8	U	2.8	U	2.7	U	300.	U	2.9	U
7421-93-4	Endrin aldehyde	2.8	U	2.8	U	2.9	U	2.7	U	300.	U	2.9	U
5103-71-9	alpha-Chlordane	1.4	U	1.5	U	4.9		1.4	U	16000.	D	5.5	J
5103-74-2	gamma-Chlordane	1.4	U	1.5	U	5.9		1.4	U	22000.	D	6.1	J
8001-35-2	Toxaphene	92.	U	94.	U	93.	U	90.	U	9900.	U	95.	U
12674-11-2	Aroclor-1016	37.	U	38.	U	37.	U	36.	U	3900.	U	38.	U
11104-28-2	Aroclor-1221	37.	U	38.	U	37.	U	36.	U	3900.	U	38.	U
11141-16-5	Aroclor-1232	37.	U	38.	U	37.	U	36.	U	3900.	U	38.	U
53469-21-9	Aroclor-1242	37.	U	38.	U	37.	U	36.	U	3900.	U	38.	U
12672-29-6	Aroclor-1248	37.	U	38.	U	37.	U	36.	U	28000.	J	38.	U
11097-69-1	Aroclor-1254	74.	U	76.	U	75.	U	73.	U	8000.	U	77.	U
11096-82-5	Aroclor-1260	74.	U	76.	U	75.	U	73.	U	8000.	U	77.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	003-S-B004-01		003-S-B004-02		003-S-B005-01		003-S-B005-02		003-S-B006-01		003-S-B006-02	
	ORIGINAL ID ----->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	LAB SAMPLE ID --->	27115.03		27115.04		27115.11		27115.12		27115.09		27115.10	
	ID FROM REPORT -->	003SB00401		003SB00402		003SB00501		003SB00502		003SB00601		003SB00602	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/19/96		10/19/96		10/22/96		10/19/96		10/19/96		10/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
319-84-6	alpha-BHC	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
319-85-7	beta-BHC	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
309-00-2	Aldrin	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
959-98-8	Endosulfan I	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
60-57-1	Dieldrin	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
72-55-9	4,4'-DDE	3.8		2.9	U	25.		3.3	U	5.		2.9	U
72-20-8	Endrin	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
33213-65-9	Endosulfan II	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
72-54-8	4,4'-DDD	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
1031-07-8	Endosulfan sulfate	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
50-29-3	4,4'-DDT	3.6		2.9	U	19.		3.3	U	5.7		2.9	U
72-43-5	Methoxychlor	14.	U	15.	U	14.	U	17.	U	14.	U	15.	U
53494-70-5	Endrin ketone	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
7421-93-4	Endrin aldehyde	2.7	U	2.9	U	2.7	U	3.3	U	2.7	U	2.9	U
5103-71-9	alpha-Chlordane	1.4	U	1.5	U	1.4	U	1.7	U	1.4	U	1.5	U
5103-74-2	gamma-Chlordane	1.4	U	1.5	U	1.4	U	1.7	U	1.7		1.5	U
8001-35-2	Toxaphene	90.	U	95.	U	90.	U	110.	U	89.	U	96.	U
12674-11-2	Aroclor-1016	36.	U	38.	U	36.	U	43.	U	35.	U	38.	U
11104-28-2	Aroclor-1221	36.	U	38.	U	36.	U	43.	U	35.	U	38.	U
11141-16-5	Aroclor-1232	36.	U	38.	U	36.	U	43.	U	35.	U	38.	U
53469-21-9	Aroclor-1242	36.	U	38.	U	36.	U	43.	U	35.	U	38.	U
12672-29-6	Aroclor-1248	36.	U	38.	U	36.	U	43.	U	35.	U	38.	U
11097-69-1	Aroclor-1254	73.	U	77.	U	73.	U	88.	U	72.	U	78.	U
11096-82-5	Aroclor-1260	73.	U	77.	U	73.	U	88.	U	72.	U	78.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	003-S-B007-01		003-S-B008-01		003-S-B008-02		003-S-B009-01		003-S-B009-02		003-S-B010-01	
	ORIGINAL ID ----->	003SB00701		003SB00801		003SB00802		003SB00901		003SB00902		003SB01001	
	LAB SAMPLE ID --->	27245.01		27115.07		27115.08		27115.01		27115.02		27115.05	
	ID FROM REPORT -->	003SB00701		003SB00801		003SB00802		003SB00901		003SB00902		003SB01001	
	SAMPLE DATE ----->	10/08/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/14/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/25/96		10/22/96		10/24/96		10/24/96		10/24/96		10/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27232	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
319-84-6	alpha-BHC	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
319-85-7	beta-BHC	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
319-86-8	delta-BHC	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
76-44-8	Heptachlor	3.	J	210.	D	9.		1.4	U	1.5	U	1.4	U
309-00-2	Aldrin	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
1024-57-3	Heptachlor epoxide	1.4	U	14.	U	1.5	U	5.9		15.		1.4	U
959-98-8	Endosulfan I	1.4	U	14.	U	1.5	U	1.4	U	1.5	U	1.4	U
60-57-1	Dieldrin	4.		32.	U	2.9	U	12.		7.2	U	2.7	U
72-55-9	4,4'-DDE	12.		27.	U	8.		200.	D	160.	D	21.	
72-20-8	Endrin	2.7	U	32.	U	3.7	U	3.7	U	18.	U	2.7	U
33213-65-9	Endosulfan II	2.7	U	27.	U	2.9	U	2.6	U	2.9	U	2.7	U
72-54-8	4,4'-DDD	13.	UJ	27.	U	2.9	U	7.4	U	23.	U	2.7	U
1031-07-8	Endosulfan sulfate	2.7	U	27.	U	2.9	U	2.6	U	2.9	U	2.7	U
50-29-3	4,4'-DDT	94.	D	82.	J	12.		180.	D	250.	D	20.	J
72-43-5	Methoxychlor	14.	U	140.	U	15.	U	14.	U	15.	U	14.	U
53494-70-5	Endrin ketone	2.7	U	27.	U	2.9	U	2.6	U	2.9	U	2.7	U
7421-93-4	Endrin aldehyde	2.9	U	27.	U	3.4	U	3.7	U	2.9	U	2.7	U
5103-71-9	alpha-Chlordane	2.4	J	420.	DJ	35.	DJ	21.	DJ	85.	DJ	1.4	U
5103-74-2	gamma-Chlordane	2.7		510.	D	40.	D	21.	D	110.	D	1.4	U
8001-35-2	Toxaphene	91.	U	890.	U	95.	U	86.	U	95.	U	90.	U
12674-11-2	Aroclor-1016	36.	U	350.	U	38.	U	34.	U	38.	U	36.	U
11104-28-2	Aroclor-1221	36.	U	350.	U	38.	U	34.	U	38.	U	36.	U
11141-16-5	Aroclor-1232	36.	U	350.	U	38.	U	34.	U	38.	U	36.	U
53469-21-9	Aroclor-1242	36.	U	350.	U	38.	U	34.	U	38.	U	36.	U
12672-29-6	Aroclor-1248	36.	U	350.	U	38.	U	34.	U	38.	U	36.	U
11097-69-1	Aroclor-1254	74.	U	720.	U	77.	U	70.	U	77.	U	73.	U
11096-82-5	Aroclor-1260	74.	U	720.	U	77.	U	70.	U	77.	U	73.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-PEST

SAMPLE ID ------->	003-S-B01D-02
ORIGINAL ID ----->	003SB01002
LAB SAMPLE ID --->	27115.06
ID FROM REPORT -->	003SB01002
SAMPLE DATE ----->	09/26/96
DATE EXTRACTED -->	10/01/96
DATE ANALYZED --->	10/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27115	VAL
319-84-6	alpha-BHC	1.5	U
319-85-7	beta-BHC	1.5	U
319-86-8	delta-BHC	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U
76-44-8	Heptachlor	1.5	U
309-00-2	Aldrin	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U
959-98-8	Endosulfan I	1.5	U
60-57-1	Dieldrin	2.9	U
72-55-9	4,4'-DDE	2.9	U
72-20-8	Endrin	2.9	U
33213-65-9	Endosulfan II	2.9	U
72-54-8	4,4'-DDD	2.9	U
1031-07-8	Endosulfan sulfate	2.9	U
50-29-3	4,4'-DDT	2.9	U
72-43-5	Methoxychlor	15.	U
53494-70-5	Endrin ketone	2.9	U
7421-93-4	Endrin aldehyde	2.9	U
5103-71-9	alpha-Chlordane	1.5	U
5103-74-2	gamma-Chlordane	1.5	U
8001-35-2	Toxaphene	96.	U
12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	38.	U
11141-16-5	Aroclor-1232	38.	U
53469-21-9	Aroclor-1242	38.	U
12672-29-6	Aroclor-1248	38.	U
11097-69-1	Aroclor-1254	78.	U
11096-82-5	Aroclor-1260	78.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-SVOA									
	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02					
	ORIGINAL ID ----->	003SB00101		003SB00102					
	LAB SAMPLE ID --->	26792.04		26792.05					
	ID FROM REPORT -->	003SB00101		003SB00102					
	SAMPLE DATE ----->	08/29/96		08/29/96					
	DATE EXTRACTED -->	09/03/96		09/03/96					
	DATE ANALYZED --->	09/10/96		09/10/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26792	VAL	26792	VAL				
108-95-2	Phenol	370.	U	380.	U				
111-44-4	bis(2-Chloroethyl)ether	370.	U	380.	U				
95-57-8	2-Chlorophenol	370.	U	380.	U				
541-73-1	1,3-Dichlorobenzene	370.	U	380.	U				
106-46-7	1,4-Dichlorobenzene	370.	U	380.	U				
100-51-6	Benzyl alcohol	370.	U	380.	U				
95-50-1	1,2-Dichlorobenzene	370.	U	380.	U				
95-48-7	2-Methylphenol (o-Cresol)	370.	U	380.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	380.	U				
106-44-5	4-Methylphenol (p-Cresol)	370.	U	380.	U				
621-64-7	N-Nitroso-di-n-propylamine	370.	U	380.	U				
67-72-1	Hexachloroethane	370.	U	380.	U				
98-95-3	Nitrobenzene	370.	U	380.	U				
78-59-1	Isophorone	370.	U	380.	U				
88-75-5	2-Nitrophenol	370.	U	380.	U				
105-67-9	2,4-Dimethylphenol	370.	U	380.	U				
65-85-0	Benzoic acid	1800.	U	1800.	U				
111-91-1	bis(2-Chloroethoxy)methane	370.	U	380.	U				
120-83-2	2,4-Dichlorophenol	370.	U	380.	U				
120-82-1	1,2,4-Trichlorobenzene	370.	U	380.	U				
91-20-3	Naphthalene	370.	U	380.	U				
106-47-8	4-Chloroaniline	370.	U	380.	U				
87-68-3	Hexachlorobutadiene	370.	U	380.	U				
59-50-7	4-Chloro-3-methylphenol	370.	U	380.	U				
91-57-6	2-Methylnaphthalene	370.	U	380.	U				
77-47-4	Hexachlorocyclopentadiene	370.	U	380.	U				
88-06-2	2,4,6-Trichlorophenol	370.	U	380.	U				
95-95-4	2,4,5-Trichlorophenol	1800.	U	1800.	U				
91-58-7	2-Chloronaphthalene	370.	U	380.	U				
88-74-4	2-Nitroaniline	1800.	U	1800.	U				
131-11-3	Dimethyl phthalate	370.	U	380.	U				
208-96-8	Acenaphthylene	370.	U	380.	U				
99-09-2	3-Nitroaniline	1800.	U	1800.	U				
83-32-9	Acenaphthene	370.	U	380.	U				
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U				
100-02-7	4-Nitrophenol	1800.	U	1800.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 003 SOIL SAMPLES

SW846-SVOA

	SAMPLE ID ------->	003-S-B001-01		003-S-B001-02				
	ORIGINAL ID ----->	003SB00101		003SB00102				
	LAB SAMPLE ID --->	26792.04		26792.05				
	ID FROM REPORT -->	003SB00101		003SB00102				
	SAMPLE DATE ----->	08/29/96		08/29/96				
	DATE EXTRACTED -->	09/03/96		09/03/96				
	DATE ANALYZED --->	09/10/96		09/10/96				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	26792	VAL	26792	VAL			
132-64-9	Dibenzofuran	370.	U	380.	U			
121-14-2	2,4-Dinitrotoluene	370.	U	380.	U			
606-20-2	2,6-Dinitrotoluene	370.	U	380.	U			
84-66-2	Diethylphthalate	370.	U	380.	U			
7005-72-3	4-Chlorophenylphenylether	370.	U	380.	U			
86-73-7	Fluorene	370.	U	380.	U			
100-01-6	4-Nitroaniline	1800.	U	1800.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U			
86-30-6	N-Nitrosodiphenylamine	370.	U	380.	U			
101-55-3	4-Bromophenyl-phenylether	370.	U	380.	U			
118-74-1	Hexachlorobenzene	370.	U	380.	U			
87-86-5	Pentachlorophenol	1800.	U	1800.	U			
85-01-8	Phenanthrene	370.	U	380.	U			
120-12-7	Anthracene	370.	U	380.	U			
84-74-2	Di-n-butylphthalate	370.	U	380.	U			
206-44-0	Fluoranthene	370.	U	380.	U			
129-00-0	Pyrene	370.	U	380.	U			
85-68-7	Butylbenzylphthalate	370.	U	380.	U			
91-94-1	3,3'-Dichlorobenzidine	730.	U	750.	U			
56-55-3	Benzo(a)anthracene	370.	U	380.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	380.	U			
218-01-9	Chrysene	370.	U	380.	U			
117-84-0	Di-n-octyl phthalate	370.	U	380.	U			
205-99-2	Benzo(b)fluoranthene	370.	U	380.	U			
207-08-9	Benzo(k)fluoranthene	370.	U	380.	U			
50-32-8	Benzo(a)pyrene	370.	U	380.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U	380.	U			
53-70-3	Dibenz(a,h)anthracene	370.	U	380.	U			
191-24-2	Benzo(g,h,i)perylene	370.	U	380.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/22/96
DATE ANALYZED --->	09/25/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
94-75-7	2,4-D	76.	U
93-72-1	2,4,5-TP (Silvex)	17.	U
93-76-5	2,4,5-T	20.	U
88-85-7	Dinoseb	45.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/13/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
319-84-6	alpha-BHC	14.	J
319-85-7	beta-BHC	31.	UJ
319-86-8	delta-BHC	200.	
58-89-9	gamma-BHC (Lindane)	110.	J
76-44-8	Heptachlor	18.	J
309-00-2	Aldrin	79.	U
1024-57-3	Heptachlor epoxide	79.	U
959-98-8	Endosulfan I	79.	U
60-57-1	Dieldrin	42.	U
72-55-9	4,4'-DDE	5800.	D
72-20-8	Endrin	150.	UJ
33213-65-9	Endosulfan II	150.	U
72-54-8	4,4'-DDD	21000.	D
1031-07-8	Endosulfan sulfate	150.	U
50-29-3	4,4'-DDT	6600.	D
72-43-5	Methoxychlor	790.	U
53494-70-5	Endrin ketone	150.	U
7421-93-4	Endrin aldehyde	150.	U
5103-71-9	alpha-Chlordane	560.	J
5103-74-2	gamma-Chlordane	380.	J
8001-35-2	Toxaphene	5100.	U
12674-11-2	Aroclor-1016	2000.	U
11104-28-2	Aroclor-1221	2000.	U
11141-16-5	Aroclor-1232	2000.	U
53469-21-9	Aroclor-1242	2000.	U
12672-29-6	Aroclor-1248	2000.	U
11097-69-1	Aroclor-1254	4100.	U
11096-82-5	Aroclor-1260	5600.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/10/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U
100-51-6	Benzyl alcohol	400.	U
95-50-1	1,2-Dichlorobenzene	400.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U
67-72-1	Hexachloroethane	400.	U
98-95-3	Nitrobenzene	400.	U
78-59-1	Isophorone	400.	U
88-75-5	2-Nitrophenol	400.	U
105-67-9	2,4-Dimethylphenol	400.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U
120-83-2	2,4-Dichlorophenol	400.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U
91-20-3	Naphthalene	310.	J
106-47-8	4-Chloroaniline	400.	U
87-68-3	Hexachlorobutadiene	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U
91-57-6	2-Methylnaphthalene	180.	J
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethyl phthalate	400.	U
208-96-8	Acenaphthylene	97.	J
606-20-2	2,6-Dinitrotoluene	400.	U
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	580.	
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/10/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
132-64-9	Dibenzofuran	270.	J
121-14-2	2,4-Dinitrotoluene	400.	U
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenylphenylether	400.	U
86-73-7	Fluorene	560.	
100-01-6	4-Nitroaniline	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	400.	U
101-55-3	4-Bromophenyl-phenylether	400.	U
118-74-1	Hexachlorobenzene	400.	U
87-86-5	Pentachlorophenol	3200.	
85-01-8	Phenanthrene	4000.	
120-12-7	Anthracene	1100.	J
86-74-8	Carbazole	400.	UR
84-74-2	Di-n-butylphthalate	51.	J
206-44-0	Fluoranthene	5400.	
129-00-0	Pyrene	5800.	
85-68-7	Butylbenzylphthalate	400.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U
56-55-3	Benzo(a)anthracene	2800.	
218-01-9	Chrysene	3200.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U
117-84-0	Di-n-octyl phthalate	400.	U
205-99-2	Benzo(b)fluoranthene	2600.	
207-08-9	Benzo(k)fluoranthene	1500.	J
50-32-8	Benzo(a)pyrene	2000.	
193-39-5	Indeno(1,2,3-cd)pyrene	1300.	
53-70-3	Dibenz(a,h)anthracene	550.	
191-24-2	Benzo(g,h,i)perylene	1400.	
110-86-1	Pyridine	400.	U
62-75-9	N-Nitrosodimethylamine	400.	U
66-27-3	Methyl methanesulfonate	2000.	U
62-53-3	Aniline	400.	U
10595-95-6	N-Nitrosomethylethylamine	400.	U
55-18-5	N-Nitrosodiethylamine	400.	U
62-50-0	Ethyl methanesulfonate	400.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/10/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
109-06-8	2-Picoline	400.	UJ
98-86-2	Acetophenone	400.	U
930-55-2	N-Nitrosopyrrolidine	400.	U
108-39-4	3-Methylphenol (m-Cresol)	400.	U
59-89-2	N-Nitrosomorpholine	400.	U
95-53-4	o-Toluidine	400.	U
96-12-8	1,2-Dibromo-3-Chloropropane	400.	UR
100-75-4	N-Nitrosopiperidine	400.	U
126-68-1	O,O,O-Triethylphosphorothioate	400.	U
122-09-8	a,a-Dimethylphenethylamine	400.	U
87-65-0	2,6-Dichlorophenol	400.	U
1888-71-7	Hexachloropropene	400.	U
106-50-3	p-Phenylenediamine	2000.	U
924-16-3	N-Nitroso-di-n-butylamine	400.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	400.	U
94-59-7	Safrole	400.	UJ
120-58-1	Isosafrole	400.	UJ
130-15-4	1,4-Naphthoquinone	400.	UR
99-65-0	1,3-Dinitrobenzene	400.	UJ
58-90-2	2,3,4,6-Tetrachlorophenol	120.	J
608-93-5	Pentachlorobenzene	400.	U
134-32-7	1-Naphthylamine	400.	U
56-57-5	4-Nitroquinoline 1-oxide	2000.	U
91-59-8	2-Naphthylamine	400.	UJ
297-97-2	Thionazin	800.	U
99-55-8	5-Nitro-o-toluidine	400.	UJ
122-39-4	Diphenylamine	400.	UJ
3689-24-5	Sulfotep	800.	UJ
99-35-4	1,3,5-Trinitrobenzene	400.	U
298-02-2	Phorate	400.	U
62-44-2	Phenacetin	400.	U
2303-16-4	Diallate	400.	U
60-51-5	Dimethoate	400.	U
92-67-1	4-Aminobiphenyl	400.	UJ
23950-58-5	Pronamide	400.	UJ
82-68-8	Pentachloronitrobenzene	2000.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/10/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
298-04-4	Disulfoton	400.	U
88-85-7	Dinoseb	400.	U
298-00-0	Methyl parathion	800.	UJ
56-38-2	Parathion	800.	UJ
91-80-5	Methapyrilene	800.	U
465-73-6	Isodrin	800.	U
140-57-8	Aramite	2000.	UR
60-11-7	p-(Dimethylamino)azobenzene	400.	U
510-15-6	Chlorobenzilate	400.	UJ
119-93-7	3,3-Dimethylbenzidine	400.	UJ
143-50-0	Kepone	2000.	UJ
52-85-7	Famphur	400.	UJ
53-96-3	Acetamidofluorene	400.	UJ
57-97-6	7,12-Dimethylbenz(a)anthracene	2000.	UJ
70-30-4	Hexachlorophene	8200.	UR
56-49-5	3-Methyl cholanthrene	400.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE ANALYZED --->	09/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	140.	UJ
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	24.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	11.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR
107-02-8	Acrolein	56.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE ANALYZED --->	09/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	220.	U
107-13-1	Acrylonitrile	56.	U
107-12-0	Propionitrile	110.	U
126-98-7	Methacrylonitrile	110.	U
78-83-1	Isobutyl alcohol	220.	UR
123-91-1	1,4-Dioxane	560.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	11.	U
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

CYANIDE							
	SAMPLE ID ------->	006-C-B002-01					
	ORIGINAL ID ----->	006CB00201					
	LAB SAMPLE ID --->	27017.01					
	ID FROM REPORT -->	006CB00201					
	SAMPLE DATE ----->	09/19/96					
	DATE EXTRACTED -->	09/23/96					
	DATE ANALYZED --->	09/24/96					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	27016	VAL				
57-12-5	Cyanide (CN)	0.11	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

HEXACHROME							
	SAMPLE ID ------->	006-C-8002-01					
	ORIGINAL ID ----->	006CB00201					
	LAB SAMPLE ID --->	27017.01					
	ID FROM REPORT -->	006CB00201					
	SAMPLE DATE ----->	09/19/96					
	DATE EXTRACTED -->	09/24/96					
	DATE ANALYZED --->	09/24/96					
	MATRIX ---------->	Soil					
	UNITS ----------->	MG/KG					
CAS #	Parameter	27016 VAL					
18540-29-9	Chromium (Hexavalent)	0.279 U					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/24/96
DATE ANALYZED --->	09/30/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	27016	VAL
1746-01-6	2378-TCDD	15.7	
40321-76-4	12378-PeCDD	32.1	
39227-28-6	123478-HxCDD	530.	
57653-85-7	123678-HxCDD	901.	
19408-74-3	123789-HxCDD	299.	
35822-46-9	1234678-HpCDD	23200.	
3268-87-9	OCDD	145000.	
51207-31-9	2378-TCDF	25.	
57117-41-6	12378-PeCDF	24.7	
57117-31-4	23478-PeCDF	6.53	U
70648-26-9	123478-HxCDF	1020.	J
57117-44-9	123678-HxCDF	68.4	
72918-21-9	123789-HxCDF	1.66	U
60851-34-5	234678-HxCDF	218.	
67562-39-4	1234678-HpCDF	24400.	
55673-89-7	1234789-HpCDF	860.	
39001-02-0	OCDF	52200.	
41903-57-5	Total Tetra-Dioxins	19.3	
36088-22-9	Total Penta-Dioxins	32.	
34465-46-8	Total Hexa-Dioxins	5520.	
37871-00-4	Total Hepta-Dioxins	42500.	
55722-27-5	Total Tetra-Furans	25.	
30602-15-4	Total Penta-Furans	1540.	
55684-94-1	Total Hexa-Furans	23200.	
38998-75-3	Total Hepta-Furans	25300.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-META																	
	SAMPLE ID ------->	006-S-B001-01		006-S-B001-02		006-S-B002-01		006-C-B002-01		006-S-B003-01		006-S-B004-01	
	ORIGINAL ID ----->	006SB00101		006SB00102		006SB00201		006CB00201		006SB00301		006SB00401	
	LAB SAMPLE ID --->	27016.09		27016.10		27016.11		27017.01		27016.03		27016.01	
	ID FROM REPORT -->	006SB00101		006SB00102		006SB00201		006CB00201		006SB00301		006SB00401	
	SAMPLE DATE ----->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->			09/30/96		09/30/96		09/30/96		09/30/96		09/30/96	
	DATE ANALYZED --->			10/11/96		10/11/96		10/11/96		10/11/96		10/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL
7429-90-5	Aluminum (Al)	4740.		32300.		5550.		3880.		6370.		13300.	
7440-36-0	Antimony (Sb)	0.57	U	0.54	U	0.86	U	0.92	U	0.35	U	0.31	U
7440-38-2	Arsenic (As)	9.5		25.		11.3		12.		4.1		17.3	
7440-39-3	Barium (Ba)	26.7		56.6		43.4		35.6		31.		32.8	
7440-41-7	Beryllium (Be)	0.24		1.6		0.4		0.35		0.29		0.8	
7440-43-9	Cadmium (Cd)	0.51	J	0.07	U	0.76		0.87		0.11	J	0.06	J
7440-70-2	Calcium (Ca)	2630.		15300.		10200.		11400.		9670.		21100.	
7440-47-3	Chromium (Cr)	19.6		49.7		19.4		16.9		10.		24.6	
7440-48-4	Cobalt (Co)	1.5	J	8.8		2.2	J	2.4		1.1	J	4.7	
7440-50-8	Copper (Cu)	27.3		126.		35.7		43.		18.7		61.8	
7439-89-6	Iron (Fe)	12500.		39200.		10000.		10200.		6100.		20500.	
7439-92-1	Lead (Pb)	138.		131.		106.		113.		28.6		78.4	
7439-95-4	Magnesium (Mg)	465.		6620.		796.		711.		600.		3310.	
7439-96-5	Manganese (Mn)	76.4		411.		89.9		112.		50.6		568.	
7439-97-6	Mercury (Hg)	0.08		0.78		0.16		0.15		0.04		0.2	
7440-02-0	Nickel (Ni)	6.3		26.		8.		11.3		3.4	J	9.2	
7440-09-7	Potassium (K)	254.	J	3690.		417.	J	361.	J	292.	J	1270.	
7782-49-2	Selenium (Se)	0.49	J	2.4		0.83		0.84		0.82		1.6	
7440-22-4	Silver (Ag)	0.22	U	0.34	U	0.22	U	0.21	U	0.22	U	0.2	U
7440-23-5	Sodium (Na)	356.	U	3560.		264.	U	213.	U	394.	U	622.	
7440-28-0	Thallium (Tl)	0.39	U	0.61	U	0.39	U	0.38	U	0.39	U	0.35	U
7440-31-5	Tin (Sn)	7.3	J	14.4		8.6		8.		6.5	J	7.8	
7440-62-2	Vanadium (V)	17.4		85.2		17.9		15.1		11.3		41.2	
7440-66-6	Zinc (Zn)	109.		232.		143.		161.		78.		108.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-META

SAMPLE ID ------->	006-S-B004-02
ORIGINAL ID ----->	006SB00402
LAB SAMPLE ID --->	27016.02
ID FROM REPORT -->	006SB00402
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/30/96
DATE ANALYZED --->	10/11/96
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	27016	VAL
7429-90-5	Aluminum (Al)	22900.	
7440-36-0	Antimony (Sb)	0.59	U
7440-38-2	Arsenic (As)	21.4	
7440-39-3	Barium (Ba)	36.8	
7440-41-7	Beryllium (Be)	1.3	
7440-43-9	Cadmium (Cd)	0.08	U
7440-70-2	Calcium (Ca)	15600.	
7440-47-3	Chromium (Cr)	38.9	
7440-48-4	Cobalt (Co)	7.	
7440-50-8	Copper (Cu)	28.4	
7439-89-6	Iron (Fe)	32000.	
7439-92-1	Lead (Pb)	52.1	
7439-95-4	Magnesium (Mg)	6120.	
7439-96-5	Manganese (Mn)	528.	
7439-97-6	Mercury (Hg)	0.32	
7440-02-0	Nickel (Ni)	12.4	
7440-09-7	Potassium (K)	2790.	
7782-49-2	Selenium (Se)	2.4	
7440-22-4	Silver (Ag)	0.37	U
7440-23-5	Sodium (Na)	2530.	
7440-28-0	Thallium (Tl)	0.66	U
7440-31-5	Tin (Sn)	12.1	J
7440-62-2	Vanadium (V)	68.5	
7440-66-6	Zinc (Zn)	112.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	006-C-B002-01
ORIGINAL ID ----->	006CB00201
LAB SAMPLE ID --->	27017.01
ID FROM REPORT -->	006CB00201
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/16/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
298-02-2	Phorate	75.	U
298-04-4	Disulfoton	134.	U
298-00-0	Methyl parathion	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	006-S-B001-01		006-S-B001-02		006-S-B002-01		006-S-B003-01		006-S-B004-01		006-S-B004-02	
	ORIGINAL ID ----->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	LAB SAMPLE ID --->	27016.09		27016.10		27016.11		27016.03		27016.01		27016.02	
	ID FROM REPORT -->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	SAMPLE DATE ----->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/23/96		09/23/96		09/23/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		10/08/96		10/08/96		10/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL
319-84-6	alpha-BHC	16.		2.3	U	15.	U	1.5	U	1.7	U	2.5	U
319-85-7	beta-BHC	24.		2.3	U	18.	J	1.5	U	1.7	U	2.5	U
319-86-8	delta-BHC	120.		2.3	U	200.	J	1.5	U	1.7	U	2.5	U
58-89-9	gamma-BHC (Lindane)	110.		2.3	U	65.	J	1.5	U	1.7	U	2.5	U
76-44-8	Heptachlor	15.	U	2.3	U	15.	U	1.5	U	1.7	U	2.5	U
309-00-2	Aldrin	15.	U	2.3	U	15.	U	1.5	U	1.7	U	2.5	U
1024-57-3	Heptachlor epoxide	15.	U	2.3	U	15.	U	1.5	U	4.3		2.5	U
959-98-8	Endosulfan I	15.	U	2.3	U	15.	U	1.5	U	1.7	U	2.5	U
60-57-1	Dieldrin	29.	U	4.5	U	28.	U	2.9	U	3.3	U	4.9	U
72-55-9	4,4'-DDE	1600.	D	84.	D	4000.	D	100.	D	24.		4.9	U
72-20-8	Endrin	29.	U	5.3	U	160.	J	2.9	U	3.3	U	4.9	U
33213-65-9	Endosulfan II	29.	U	4.5	U	28.	U	2.9	U	3.3	U	4.9	U
72-54-8	4,4'-DDD	930.	D	32.		19000.	D	4.6	U	3.3	U	4.9	U
1031-07-8	Endosulfan sulfate	29.	U	4.5	U	28.	U	2.9	U	3.3	U	4.9	U
50-29-3	4,4'-DDT	2200.	D	120.	D	4300.	D	60.	D	23.		4.9	U
72-43-5	Methoxychlor	150.	U	23.	U	150.	U	15.	U	17.	U	25.	U
53494-70-5	Endrin ketone	29.	U	4.5	U	28.	U	2.9	U	3.3	U	4.9	U
7421-93-4	Endrin aldehyde	29.	U	4.5	U	28.	U	2.9	U	3.3	U	4.9	U
5103-71-9	alpha-Chlordane	150.		10.	J	290.	J	1.5	U	4.1	J	2.5	U
5103-74-2	gamma-Chlordane	160.		9.6		320.	J	1.5	U	2.6		2.5	U
8001-35-2	Toxaphene	950.	U	150.	U	940.	U	95.	U	110.	U	160.	U
12674-11-2	Aroclor-1016	380.	U	59.	U	380.	U	38.	U	43.	U	65.	U
11104-28-2	Aroclor-1221	380.	U	59.	U	380.	U	38.	U	43.	U	65.	U
11141-16-5	Aroclor-1232	380.	U	59.	U	380.	U	38.	U	43.	U	65.	U
53469-21-9	Aroclor-1242	380.	U	59.	U	380.	U	38.	U	43.	U	65.	U
12672-29-6	Aroclor-1248	380.	U	59.	U	380.	U	38.	U	43.	U	65.	U
11097-69-1	Aroclor-1254	770.	U	120.	U	760.	U	77.	U	88.	U	130.	U
11096-82-5	Aroclor-1260	8600.	D	930.		3700.	U	240.	J	65.	U	130.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	006-S-B001-01		006-S-B001-02		006-S-B002-01		006-S-B003-01		006-S-B004-01		006-S-B004-02	
	ORIGINAL ID ----->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	LAB SAMPLE ID --->	27016.09		27016.10		27016.11		27016.03		27016.01		27016.02	
	ID FROM REPORT -->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	SAMPLE DATE ----->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/23/96		09/23/96		09/23/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL
108-95-2	Phenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
95-57-8	2-Chlorophenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
541-73-1	1,3-Dichlorobenzene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
106-46-7	1,4-Dichlorobenzene	380.	U	590.	U	52.	J	380.	U	430.	U	650.	U
100-51-6	Benzyl alcohol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
95-50-1	1,2-Dichlorobenzene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
67-72-1	Hexachloroethane	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
98-95-3	Nitrobenzene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
78-59-1	Isophorone	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
88-75-5	2-Nitrophenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
105-67-9	2,4-Dimethylphenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
65-85-0	Benzoic acid	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
120-83-2	2,4-Dichlorophenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
91-20-3	Naphthalene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
106-47-8	4-Chloroaniline	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
87-68-3	Hexachlorobutadiene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
91-57-6	2-Methylnaphthalene	76.	J	590.	U	170.	J	380.	U	430.	U	650.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
91-58-7	2-Chloronaphthalene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
88-74-4	2-Nitroaniline	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
131-11-3	Dimethyl phthalate	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
208-96-8	Acenaphthylene	57.	J	590.	U	380.	U	87.	J	430.	U	650.	U
99-09-2	3-Nitroaniline	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
83-32-9	Acenaphthene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
51-28-5	2,4-Dinitrophenol	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
100-02-7	4-Nitrophenol	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->		006-S-B001-01		006-S-B001-02		006-S-B002-01		006-S-B003-01		006-S-B004-01		006-S-B004-02	
ORIGINAL ID ----->		006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
LAB SAMPLE ID --->		27016.09		27016.10		27016.11		27016.03		27016.01		27016.02	
ID FROM REPORT -->		006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
SAMPLE DATE ----->		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
DATE EXTRACTED -->		09/23/96		09/23/96		09/23/96		09/23/96		09/23/96		09/23/96	
DATE ANALYZED --->		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
MATRIX ---------->		Soil		Soil		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL
132-64-9	Dibenzofuran	140.	J	590.	U	180.	J	380.	U	430.	U	650.	U
121-14-2	2,4-Dinitrotoluene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
606-20-2	2,6-Dinitrotoluene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
84-66-2	Diethylphthalate	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
86-73-7	Fluorene	250.	J	590.	U	360.	J	380.	U	430.	U	650.	U
100-01-6	4-Nitroaniline	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	2800.	U	1800.	U	1800.	U	2100.	U	3100.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
118-74-1	Hexachlorobenzene	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
87-86-5	Pentachlorophenol	160.	J	2800.	U	2600.		1800.	U	2100.	U	3100.	U
85-01-8	Phenanthrene	2200.		590.	U	2500.		380.	U	430.	U	650.	U
120-12-7	Anthracene	530.		590.	U	650.	J	380.	U	430.	U	650.	U
84-74-2	Di-n-butylphthalate	380.	U	590.	U	46.	J	380.	U	430.	U	650.	U
206-44-0	Fluoranthene	3100.		300.	J	6200.	J	150.	J	300.	J	160.	J
129-00-0	Pyrene	2200.		370.	J	6500.	J	160.	J	260.	J	280.	J
85-68-7	Butylbenzylphthalate	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
91-94-1	3,3'-Dichlorobenzidine	760.	U	1200.	U	82.	J	760.	U	870.	U	1300.	U
56-55-3	Benzo(a)anthracene	1300.		190.	J	2500.		140.	J	140.	J	140.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
218-01-9	Chrysene	1300.		180.	J	2800.		150.	J	250.	J	160.	J
117-84-0	Di-n-octyl phthalate	380.	U	590.	U	380.	U	380.	U	430.	U	650.	U
205-99-2	Benzo(b)fluoranthene	380.	U	190.	J	4300.		180.	J	210.	J	650.	U
207-08-9	Benzo(k)fluoranthene	1600.		160.	J	3900.	J	170.	J	200.	J	240.	J
50-32-8	Benzo(a)pyrene	1200.		210.	J	2500.		220.	J	180.	J	650.	U
193-39-5	Indeno(1,2,3-cd)pyrene	690.		95.	J	1600.		120.	J	120.	J	75.	J
53-70-3	Dibenz(a,h)anthracene	350.	J	590.	U	760.		70.	J	56.	J	650.	U
191-24-2	Benzo(g,h,i)perylene	760.		120.	J	1900.		170.	J	140.	J	110.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 006 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	006-S-B001-01		006-S-B001-02		006-S-B002-01		006-S-B003-01		006-S-B004-01		006-S-B004-02	
	ORIGINAL ID ----->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	LAB SAMPLE ID --->	27016.09		27016.10		27016.11		27016.03		27016.01		27016.02	
	ID FROM REPORT -->	006SB00101		006SB00102		006SB00201		006SB00301		006SB00401		006SB00402	
	SAMPLE DATE ----->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	DATE ANALYZED --->	09/27/96		09/27/96		09/27/96		09/26/96		09/27/96		09/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL	27016	VAL
74-87-3	Chloromethane	11.	U	18.	UJ	11.	U	11.	U	13.	U	20.	U
74-83-9	Bromomethane	11.	U	18.	UJ	11.	U	11.	U	13.	U	20.	U
75-01-4	Vinyl chloride	11.	U	18.	UJ	11.	U	11.	U	13.	U	20.	U
75-00-3	Chloroethane	11.	U	18.	UJ	11.	U	11.	U	13.	U	20.	U
75-09-2	Methylene chloride	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
67-64-1	Acetone	32.	U	540.	D	130.	U	11.	U	78.	U	83.	U
75-15-0	Carbon disulfide	6.	U	12.	J	1.	J	6.	U	6.	U	2.	J
75-35-4	1,1-Dichloroethene	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
75-34-3	1,1-Dichloroethane	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
67-66-3	Chloroform	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
107-06-2	1,2-Dichloroethane	6.	U	9.	UJ	6.	U	6.	U	6.	U	10.	U
78-93-3	2-Butanone (MEK)	7.	U	180.	U	30.	U	11.	U	12.	U	21.	U
71-55-6	1,1,1-Trichloroethane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
56-23-5	Carbon tetrachloride	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
108-05-4	Vinyl acetate	11.	U	18.	UJ	11.	UJ	11.	U	13.	U	20.	U
75-27-4	Bromodichloromethane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
78-87-5	1,2-Dichloropropane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
79-01-6	Trichloroethene	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
124-48-1	Dibromochloromethane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
79-00-5	1,1,2-Trichloroethane	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
71-43-2	Benzene	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	18.	UR	11.	UR	11.	UR	13.	UR	20.	U
75-25-2	Bromoform	6.	U	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
591-78-6	2-Hexanone	11.	UJ	18.	UJ	11.	UJ	11.	U	13.	U	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	UJ	18.	UJ	11.	UJ	11.	U	13.	U	20.	U
127-18-4	Tetrachloroethene	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
108-88-3	Toluene	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
108-90-7	Chlorobenzene	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
100-41-4	Ethylbenzene	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
100-42-5	Styrene	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U
1330-20-7	Xylene (Total)	6.	UJ	9.	UJ	6.	UJ	6.	U	6.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/08/96
DATE ANALYZED --->	10/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
94-75-7	2,4-D	77.	U
93-72-1	2,4,5-TP (Silvex)	17.	U
93-76-5	2,4,5-T	20.	U
88-85-7	Dinoseb	46.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
319-84-6	alpha-BHC	1.6	U
319-85-7	beta-BHC	1.6	U
319-86-8	delta-BHC	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U
76-44-8	Heptachlor	1.6	U
309-00-2	Aldrin	1.6	U
1024-57-3	Heptachlor epoxide	1.6	U
959-98-8	Endosulfan I	1.6	U
60-57-1	Dieldrin	3.1	U
72-55-9	4,4'-DDE	3.1	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	3.1	U
72-54-8	4,4'-DDD	3.1	U
1031-07-8	Endosulfan sulfate	3.1	U
50-29-3	4,4'-DDT	3.1	U
72-43-5	Methoxychlor	16.	U
53494-70-5	Endrin ketone	3.1	U
7421-93-4	Endrin aldehyde	3.1	U
5103-71-9	alpha-Chlordane	1.6	U
5103-74-2	gamma-Chlordane	1.6	U
8001-35-2	Toxaphene	100.	U
12674-11-2	Aroclor-1016	41.	U
11104-28-2	Aroclor-1221	41.	U
11141-16-5	Aroclor-1232	41.	U
53469-21-9	Aroclor-1242	41.	U
12672-29-6	Aroclor-1248	41.	U
11097-69-1	Aroclor-1254	83.	U
11096-82-5	Aroclor-1260	83.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	27202	VAL
108-95-2	Phenol	810.	U
111-44-4	bis(2-Chloroethyl)ether	810.	U
95-57-8	2-Chlorophenol	810.	U
541-73-1	1,3-Dichlorobenzene	810.	U
106-46-7	1,4-Dichlorobenzene	810.	U
100-51-6	Benzyl alcohol	810.	U
95-50-1	1,2-Dichlorobenzene	810.	U
95-48-7	2-Methylphenol (o-Cresol)	810.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	810.	U
106-44-5	4-Methylphenol (p-Cresol)	810.	U
621-64-7	N-Nitroso-di-n-propylamine	810.	U
67-72-1	Hexachloroethane	810.	U
98-95-3	Nitrobenzene	810.	U
78-59-1	Isophorone	810.	U
88-75-5	2-Nitrophenol	810.	U
105-67-9	2,4-Dimethylphenol	810.	U
111-91-1	bis(2-Chloroethoxy)methane	810.	U
120-83-2	2,4-Dichlorophenol	810.	U
120-82-1	1,2,4-Trichlorobenzene	810.	U
91-20-3	Naphthalene	3600.	
106-47-8	4-Chloroaniline	810.	U
87-68-3	Hexachlorobutadiene	810.	U
59-50-7	4-Chloro-3-methylphenol	810.	U
91-57-6	2-Methylnaphthalene	3100.	
77-47-4	Hexachlorocyclopentadiene	810.	U
88-06-2	2,4,6-Trichlorophenol	810.	U
95-95-4	2,4,5-Trichlorophenol	4000.	U
91-58-7	2-Chloronaphthalene	810.	U
88-74-4	2-Nitroaniline	4000.	U
131-11-3	Dimethyl phthalate	810.	U
208-96-8	Acenaphthylene	810.	U
606-20-2	2,6-Dinitrotoluene	810.	U
99-09-2	3-Nitroaniline	4000.	U
83-32-9	Acenaphthene	2100.	
51-28-5	2,4-Dinitrophenol	4000.	U
100-02-7	4-Nitrophenol	4000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
132-64-9	Dibenzofuran	1300.	
121-14-2	2,4-Dinitrotoluene	810.	U
84-66-2	Diethylphthalate	810.	U
7005-72-3	4-Chlorophenylphenylether	810.	U
86-73-7	Fluorene	3100.	
100-01-6	4-Nitroaniline	4000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4000.	U
86-30-6	N-Nitrosodiphenylamine	810.	U
101-55-3	4-Bromophenyl-phenylether	810.	U
118-74-1	Hexachlorobenzene	810.	U
87-86-5	Pentachlorophenol	4000.	U
85-01-8	Phenanthrene	9700.	J
120-12-7	Anthracene	2400.	
86-74-8	Carbazole	810.	UR
84-74-2	Di-n-butylphthalate	810.	U
206-44-0	Fluoranthene	3200.	J
129-00-0	Pyrene	4000.	
85-68-7	Butylbenzylphthalate	810.	U
91-94-1	3,3'-Dichlorobenzidine	1600.	U
56-55-3	Benzo(a)anthracene	1400.	
218-01-9	Chrysene	1600.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	810.	U
117-84-0	Di-n-octyl phthalate	810.	U
205-99-2	Benzo(b)fluoranthene	510.	J
207-08-9	Benzo(k)fluoranthene	460.	J
50-32-8	Benzo(a)pyrene	620.	J
193-39-5	Indeno(1,2,3-cd)pyrene	270.	J
53-70-3	Dibenz(a,h)anthracene	140.	J
191-24-2	Benzo(g,h,i)perylene	310.	J
110-86-1	Pyridine	810.	U
62-75-9	N-Nitrosodimethylamine	810.	U
66-27-3	Methyl methanesulfonate	4000.	U
62-53-3	Aniline	810.	U
10595-95-6	N-Nitrosomethylethylamine	810.	UJ
55-18-5	N-Nitrosodiethylamine	810.	UJ
62-50-0	Ethyl methanesulfonate	810.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	27202	VAL
109-06-8	2-Picoline	810.	U
98-86-2	Acetophenone	810.	UJ
930-55-2	N-Nitrosopyrrolidine	810.	U
108-39-4	3-Methylphenol (m-Cresol)	810.	UJ
59-89-2	N-Nitrosomorpholine	810.	U
95-53-4	o-Toluidine	810.	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	810.	UR
100-75-4	N-Nitrosopiperidine	810.	UJ
126-68-1	O,O,O-Triethylphosphorothioate	810.	UJ
122-09-8	a,a-Dimethylphenethylamine	810.	U
87-65-0	2,6-Dichlorophenol	810.	U
1888-71-7	Hexachloropropene	810.	U
106-50-3	p-Phenylenediamine	4000.	U
924-16-3	N-Nitroso-di-n-butylamine	810.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	810.	U
94-59-7	Safrole	810.	UJ
120-58-1	Isosafrole	810.	UJ
130-15-4	1,4-Naphthoquinone	810.	UR
99-65-0	1,3-Dinitrobenzene	810.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	810.	U
608-93-5	Pentachlorobenzene	810.	U
134-32-7	1-Naphthylamine	810.	U
56-57-5	4-Nitroquinoline 1-oxide	4000.	U
91-59-8	2-Naphthylamine	810.	UJ
297-97-2	Thionazin	1600.	UJ
99-55-8	5-Nitro-o-toluidine	810.	UJ
122-39-4	Diphenylamine	810.	UJ
3689-24-5	Sulfotep	1600.	U
99-35-4	1,3,5-Trinitrobenzene	810.	U
298-02-2	Phorate	810.	UJ
62-44-2	Phenacetin	810.	UR
2303-16-4	Diallate	810.	UR
60-51-5	Dimethoate	810.	UJ
92-67-1	4-Aminobiphenyl	810.	UJ
23950-58-5	Pronamide	810.	UJ
82-68-8	Pentachloronitrobenzene	4000.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
298-04-4	Disulfoton	810.	UJ
88-85-7	Dinoseb	810.	U
298-00-0	Methyl parathion	1600.	UJ
56-38-2	Parathion	1600.	UJ
91-80-5	Methapyrilene	1600.	U
465-73-6	Isodrin	1600.	UJ
140-57-8	Aramite	4000.	U
60-11-7	p-(Dimethylamino)azobenzene	810.	U
510-15-6	Chlorobenzilate	810.	U
119-93-7	3,3-Dimethylbenzidine	810.	UJ
143-50-0	Kepone	4000.	UR
52-85-7	famphur	810.	UJ
53-96-3	Acetamidofluorene	810.	UJ
57-97-6	7,12-Dimethylbenz(a)anthracene	4000.	UJ
70-30-4	Hexachlorophene	16000.	UR
56-49-5	3-Methyl cholanthrene	810.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 VOA

SAMPLE ID -------> 007-C-B001-01
ORIGINAL ID -----> 007CB00101
LAB SAMPLE ID ---> 27203.01
ID FROM REPORT --> 007CB00101
SAMPLE DATE -----> 10/03/96
DATE ANALYZED ---> 10/13/96
MATRIX ----------> Soil
UNITS -----------> UG/KG

CAS #	Parameter	27202	VAL
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	12.	U
67-64-1	Acetone	40.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	12.	UJ
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	19.	J
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	U
107-02-8	Acrolein	62.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE ANALYZED --->	10/13/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	250.	UR
107-13-1	Acrylonitrile	62.	U
107-12-0	Propionitrile	120.	U
126-98-7	Methacrylonitrile	120.	U
78-83-1	Isobutyl alcohol	250.	UR
123-91-1	1,4-Dioxane	620.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	12.	U
96-12-8	1,2-Dibromo-3-Chloropropane	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/07/96
DATE ANALYZED --->	10/07/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27202	VAL
18540-29-9	Chromium (Hexavalent)	0.308	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/10/96
DATE ANALYZED --->	10/15/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	27202	VAL
1746-01-6	2378-TCDD	0.141	U
40321-76-4	12378-PeCDD	0.105	U
39227-28-6	123478-HxCDD	0.295	U
57653-85-7	123678-HxCDD	0.214	U
19408-74-3	123789-HxCDD	0.223	U
35822-46-9	1234678-HpCDD	1.74	U
3268-87-9	OCDD	138.	
51207-31-9	2378-TCDF	0.19	U
57117-41-6	12378-PeCDF	0.094	U
57117-31-4	23478-PeCDF	0.09	U
70648-26-9	123478-HxCDF	0.165	U
57117-44-9	123678-HxCDF	0.12	U
72918-21-9	123789-HxCDF	0.162	U
60851-34-5	234678-HxCDF	0.153	U
67562-39-4	1234678-HpCDF	0.432	U
55673-89-7	1234789-HpCDF	0.119	U
39001-02-0	OCDF	0.362	U
41903-57-5	Total Tetra-Dioxins	0.141	U
36088-22-9	Total Penta-Dioxins	0.105	U
34465-46-8	Total Hexa-Dioxins	0.596	
37871-00-4	Total Hepta-Dioxins	4.89	
55722-27-5	Total Tetra-Furans	0.19	U
30602-15-4	Total Penta-Furans	0.09	U
55684-94-1	Total Hexa-Furans	0.12	U
38998-75-3	Total Hepta-Furans	0.103	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	007-S-B001-01		007-C-B001-01					
	ORIGINAL ID ----->	007SB00101		007CB00101					
	LAB SAMPLE ID --->	27202.06		27203.01					
	ID FROM REPORT -->	007SB00101		007CB00101					
	SAMPLE DATE ----->	10/03/96		10/03/96					
	DATE EXTRACTED -->	10/13/96		10/13/96					
	DATE ANALYZED --->	10/21/96		10/21/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	27202	VAL	27202	VAL				
7429-90-5	Aluminum (Al)	10400.		7890.					
7440-36-0	Antimony (Sb)	0.37	U	0.37	U				
7440-38-2	Arsenic (As)	5.7		4.8					
7440-39-3	Barium (Ba)	29.6		25.2					
7440-41-7	Beryllium (Be)	0.37		0.35					
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U				
7440-70-2	Calcium (Ca)	2070.		1820.					
7440-47-3	Chromium (Cr)	13.2		10.4					
7440-48-4	Cobalt (Co)	3.6		2.2	J				
7440-50-8	Copper (Cu)	11.4		2.1	U				
7439-89-6	Iron (Fe)	13700.		11700.					
7439-92-1	Lead (Pb)	12.8	J	11.9					
7439-95-4	Magnesium (Mg)	549.		417.					
7439-96-5	Manganese (Mn)	25.2		19.6					
7439-97-6	Mercury (Hg)	0.04		0.05					
7440-02-0	Nickel (Ni)	2.3	U	1.5	U				
7440-09-7	Potassium (K)	377.	J	321.	J				
7782-49-2	Selenium (Se)	0.73		0.57	J				
7440-22-4	Silver (Ag)	0.23	U	0.23	U				
7440-23-5	Sodium (Na)	217.	U	213.	U				
7440-28-0	Thallium (Tl)	0.54	J	0.42	U				
7440-31-5	Tin (Sn)	1.5	U	1.4	U				
7440-62-2	Vanadium (V)	21.5		17.2					
7440-66-6	Zinc (Zn)	15.9		13.9	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	007-C-B001-01
ORIGINAL ID ----->	007CB00101
LAB SAMPLE ID --->	27203.01
ID FROM REPORT -->	007CB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/22/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
298-02-2	Phorate	83.	U
298-04-4	Disulfoton	148.	U
298-00-0	Methyl parathion	21.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-PEST

SAMPLE ID ------->	007-S-B001-01
ORIGINAL ID ----->	007SB00101
LAB SAMPLE ID --->	27202.06
ID FROM REPORT -->	007SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
319-84-6	alpha-BHC	1.6	U
319-85-7	beta-BHC	1.6	U
319-86-8	delta-BHC	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U
76-44-8	Heptachlor	1.6	U
309-00-2	Aldrin	1.6	U
1024-57-3	Heptachlor epoxide	1.6	U
959-98-8	Endosulfan I	1.6	U
60-57-1	Dieldrin	3.1	U
72-55-9	4,4'-DDE	3.1	U
72-20-8	Endrin	3.1	U
33213-65-9	Endosulfan II	3.1	U
72-54-8	4,4'-DDD	3.1	U
1031-07-8	Endosulfan sulfate	3.1	U
50-29-3	4,4'-DDT	3.1	U
72-43-5	Methoxychlor	16.	U
53494-70-5	Endrin ketone	3.1	U
7421-93-4	Endrin aldehyde	3.1	U
5103-71-9	alpha-Chlordane	1.6	U
5103-74-2	gamma-Chlordane	1.6	U
8001-35-2	Toxaphene	100.	U
12674-11-2	Aroclor-1016	41.	U
11104-28-2	Aroclor-1221	41.	U
11141-16-5	Aroclor-1232	41.	U
53469-21-9	Aroclor-1242	41.	U
12672-29-6	Aroclor-1248	41.	U
11097-69-1	Aroclor-1254	83.	U
11096-82-5	Aroclor-1260	83.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	007-S-B001-01
ORIGINAL ID ----->	007SB00101
LAB SAMPLE ID --->	27202.06
ID FROM REPORT -->	007SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
108-95-2	Phenol	410.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U
95-57-8	2-Chlorophenol	410.	U
541-73-1	1,3-Dichlorobenzene	410.	U
106-46-7	1,4-Dichlorobenzene	160.	J
100-51-6	Benzyl alcohol	410.	U
95-50-1	1,2-Dichlorobenzene	410.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U
67-72-1	Hexachloroethane	410.	U
98-95-3	Nitrobenzene	410.	U
78-59-1	Isophorone	410.	U
88-75-5	2-Nitrophenol	410.	U
105-67-9	2,4-Dimethylphenol	410.	U
65-85-0	Benzoic acid	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U
120-83-2	2,4-Dichlorophenol	410.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U
91-20-3	Naphthalene	2500.	
106-47-8	4-Chloroaniline	410.	U
87-68-3	Hexachlorobutadiene	410.	U
59-50-7	4-Chloro-3-methylphenol	410.	U
91-57-6	2-Methylnaphthalene	2200.	
77-47-4	Hexachlorocyclopentadiene	410.	U
88-06-2	2,4,6-Trichlorophenol	410.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	410.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethyl phthalate	410.	U
208-96-8	Acenaphthylene	410.	U
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	1600.	
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	007-S-B001-01
ORIGINAL ID ----->	007SB00101
LAB SAMPLE ID --->	27202.06
ID FROM REPORT -->	007SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
132-64-9	Dibenzofuran	1000.	
121-14-2	2,4-Dinitrotoluene	410.	U
606-20-2	2,6-Dinitrotoluene	410.	U
84-66-2	Diethylphthalate	410.	U
7005-72-3	4-Chlorophenylphenylether	410.	U
86-73-7	Fluorene	2200.	
100-01-6	4-Nitroaniline	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	410.	U
101-55-3	4-Bromophenyl-phenylether	410.	U
118-74-1	Hexachlorobenzene	410.	U
87-86-5	Pentachlorophenol	2000.	U
85-01-8	Phenanthrene	5500.	J
120-12-7	Anthracene	1500.	
84-74-2	Di-n-butylphthalate	410.	U
206-44-0	Fluoranthene	1800.	J
129-00-0	Pyrene	3600.	
85-68-7	Butylbenzylphthalate	410.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U
56-55-3	Benzo(a)anthracene	980.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U
218-01-9	Chrysene	1300.	J
117-84-0	Di-n-octyl phthalate	410.	U
205-99-2	Benzo(b)fluoranthene	400.	J
207-08-9	Benzo(k)fluoranthene	410.	
50-32-8	Benzo(a)pyrene	470.	
193-39-5	Indeno(1,2,3-cd)pyrene	220.	J
53-70-3	Dibenz(a,h)anthracene	73.	J
191-24-2	Benzo(g,h,i)perylene	190.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 007 SOIL SAMPLES

SW846-VOA

SAMPLE ID ------->	007-S-B001-01
ORIGINAL ID ----->	007SB00101
LAB SAMPLE ID --->	27202.06
ID FROM REPORT -->	007SB00101
SAMPLE DATE ----->	10/03/96
DATE ANALYZED --->	10/15/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	89.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	19.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR
75-25-2	Bromoform	6.	U
591-78-6	2-Hexanone	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	110.	J
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

CYANIDE								
	SAMPLE ID ------->	008-S-B002-01		008-S-B003-01				
	ORIGINAL ID ----->	008SB00201		008SB00301				
	LAB SAMPLE ID --->	26958.01		26938.01				
	ID FROM REPORT -->	008SB00201		008SB00301				
	SAMPLE DATE ----->	09/16/96		09/13/96				
	DATE EXTRACTED -->	09/23/96		09/23/96				
	DATE ANALYZED --->	09/24/96		09/24/96				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	26938	VAL	26938	VAL			
57-12-5	Cyanide (CN)	0.12	U	0.3	J			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

EXPLOSIVES											
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01					
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301					
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01					
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301					
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96					
	DATE EXTRACTED -->	09/16/96		09/18/96		09/18/96					
	DATE ANALYZED --->	10/10/96		09/24/96		09/24/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL				
2691-41-0	HMX	2200.	U	2200.	U	2200.	U				
121-82-4	RDX (Cyclonite)	1000.	U	1000.	U	1000.	U				
99-35-4	1,3,5-Trinitrobenzene	250.	U	250.	U	250.	U				
479-45-8	Tetryl	650.	U	650.	U	650.	U				
99-65-0	1,3-Dinitrobenzene	250.	U	250.	U	250.	U				
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U	250.	U	250.	U				
98-95-3	Nitrobenzene	260.	U	260.	U	260.	U				
606-20-2	2,6-Dinitrotoluene	260.	U	260.	U	260.	U				
121-14-2	2,4-Dinitrotoluene	250.	U	250.	U	250.	U				
88-72-2	o-Nitrotoluene	250.	U	250.	U	250.	U				
99-99-0	p-Nitrotoluene	250.	U	250.	U	250.	U				
99-08-1	m-Nitrotoluene	250.	U	250.	U	250.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

HYDRAZINE	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01				
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301				
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01				
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301				
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96				
	DATE ANALYZED --->	10/17/96		10/18/96		10/18/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL			
302-01-2	Hydrazine	274.		88.4		76.4				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01			
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301			
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01			
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301			
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96			
	DATE EXTRACTED -->	09/16/96		09/19/96		09/16/96			
	DATE ANALYZED --->	09/26/96		09/23/96		09/27/96			
	MATRIX ---------->	Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG			
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL		
7429-90-5	Aluminum (Al)	3970.		5230.		5440.			
7440-36-0	Antimony (Sb)	0.58	U	0.37	UJ	0.35	UJ		
7440-38-2	Arsenic (As)	12.7		1.5		6.7			
7440-39-3	Barium (Ba)	16.2		7.9		24.5			
7440-41-7	Beryllium (Be)	0.23	J	0.13	J	0.35			
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.21	J		
7440-70-2	Calcium (Ca)	4760.		6270.		9470.			
7440-47-3	Chromium (Cr)	4.9		5.8		12.3			
7440-48-4	Cobalt (Co)	0.77	U	0.55	J	2.2	J		
7440-50-8	Copper (Cu)	5.		6.5		60.4			
7439-89-6	Iron (Fe)	1650.		2070.		6760.			
7439-92-1	Lead (Pb)	10.6		6.6		48.3			
7439-95-4	Magnesium (Mg)	218.		300.		774.			
7439-96-5	Manganese (Mn)	16.		19.5		113.			
7439-97-6	Mercury (Hg)	0.04	U	0.05	U	0.14	U		
7440-02-0	Nickel (Ni)	2.7	J	2.2	J	8.2			
7440-09-7	Potassium (K)	252.	U	244.	U	318.	J		
7782-49-2	Selenium (Se)	0.48	J	0.37	U	0.51	J		
7440-22-4	Silver (Ag)	0.24	UJ	0.23	UJ	0.22	UJ		
7440-23-5	Sodium (Na)	226.	U	240.	J	275.			
7440-28-0	Thallium (Tl)	0.43	U	0.41	U	0.65	J		
7440-31-5	Tin (Sn)	1.7	U	0.97	U	3.	U		
7440-62-2	Vanadium (V)	4.2		5.		13.3			
7440-66-6	Zinc (Zn)	6.5		13.4		124.			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

SW846-PEST											
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01					
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301					
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01					
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301					
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96					
	DATE EXTRACTED -->	09/15/96		09/23/96		09/23/96					
	DATE ANALYZED --->	09/27/96		09/30/96		10/04/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL				
319-84-6	alpha-BHC	1.6	U	1.6	U	1.5	U				
319-85-7	beta-BHC	1.6	U	1.6	U	1.5	U				
319-86-8	delta-BHC	1.6	U	1.6	U	1.5	U				
58-89-9	gamma-BHC (Lindane)	1.6	U	1.6	U	1.5	U				
76-44-8	Heptachlor	1.6	U	1.6	U	1.5	U				
309-00-2	Aldrin	1.6	U	1.6	U	1.5	U				
1024-57-3	Heptachlor epoxide	1.6	U	1.6	U	1.5	U				
959-98-8	Endosulfan I	1.6	U	1.6	U	1.5	U				
60-57-1	Dieldrin	3.	U	5.2		2.9	U				
72-55-9	4,4'-DDE	3.	U	3.	U	2.9	U				
72-20-8	Endrin	3.	U	3.	U	2.9	U				
33213-65-9	Endosulfan II	3.	U	3.	U	2.9	U				
72-54-8	4,4'-DDD	3.	U	3.	U	2.9	U				
1031-07-8	Endosulfan sulfate	3.	U	3.	U	2.9	U				
50-29-3	4,4'-DDT	3.	U	3.	U	6.3					
72-43-5	Methoxychlor	16.	U	16.	U	15.	U				
53494-70-5	Endrin ketone	3.	U	3.	U	2.9	U				
7421-93-4	Endrin aldehyde	3.	U	3.	U	2.9	U				
5103-71-9	alpha-Chlordane	1.6	U	1.6	U	1.8	U				
5103-74-2	gamma-Chlordane	1.6	U	1.6	U	9.2					
8001-35-2	Toxaphene	100.	U	100.	U	96.	U				
12674-11-2	Aroclor-1016	40.	U	40.	U	38.	U				
11104-28-2	Aroclor-1221	40.	U	40.	U	38.	U				
11141-16-5	Aroclor-1232	40.	U	40.	U	38.	U				
53469-21-9	Aroclor-1242	40.	U	40.	U	38.	U				
12672-29-6	Aroclor-1248	40.	U	40.	U	38.	U				
11097-69-1	Aroclor-1254	82.	U	82.	U	78.	U				
11096-82-5	Aroclor-1260	82.	U	82.	U	92.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

SW846-SVOA										
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01				
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301				
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01				
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301				
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96				
	DATE EXTRACTED -->	09/14/96		09/18/96		09/17/96				
	DATE ANALYZED --->	09/23/96		10/02/96		10/11/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL			
108-95-2	Phenol	400.	U	400.	U	380.	U			
111-44-4	bis(2-Chloroethyl)ether	400.	U	400.	U	380.	U			
95-57-8	2-Chlorophenol	400.	U	400.	U	380.	U			
541-73-1	1,3-Dichlorobenzene	400.	U	400.	U	380.	U			
106-46-7	1,4-Dichlorobenzene	400.	U	400.	U	380.	U			
100-51-6	Benzyl alcohol	400.	U	400.	U	380.	U			
95-50-1	1,2-Dichlorobenzene	400.	U	400.	U	380.	U			
95-48-7	2-Methylphenol (o-Cresol)	400.	U	400.	U	380.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U	400.	U	380.	U			
106-44-5	4-Methylphenol (p-Cresol)	400.	U	400.	U	380.	U			
621-64-7	N-Nitroso-di-n-propylamine	400.	U	400.	U	380.	U			
67-72-1	Hexachloroethane	400.	U	400.	U	380.	U			
98-95-3	Nitrobenzene	400.	U	400.	U	380.	U			
78-59-1	Isophorone	400.	U	400.	U	380.	U			
88-75-5	2-Nitrophenol	400.	U	400.	U	380.	U			
105-67-9	2,4-Dimethylphenol	400.	U	400.	U	380.	U			
65-85-0	Benzoic acid	2000.	U	2000.	U	1900.	U			
111-91-1	bis(2-Chloroethoxy)methane	400.	U	400.	U	380.	U			
120-83-2	2,4-Dichlorophenol	400.	U	400.	U	380.	U			
120-82-1	1,2,4-Trichlorobenzene	400.	U	400.	U	380.	U			
91-20-3	Naphthalene	320.	J	400.	U	380.	U			
106-47-8	4-Chloroaniline	400.	U	400.	U	380.	U			
87-68-3	Hexachlorobutadiene	400.	U	400.	U	380.	U			
59-50-7	4-Chloro-3-methylphenol	400.	U	400.	U	380.	U			
91-57-6	2-Methylnaphthalene	370.	J	400.	U	380.	U			
77-47-4	Hexachlorocyclopentadiene	400.	U	400.	U	380.	U			
88-06-2	2,4,6-Trichlorophenol	400.	U	400.	U	380.	U			
95-95-4	2,4,5-Trichlorophenol	2000.	U	2000.	U	1900.	U			
91-58-7	2-Chloronaphthalene	400.	U	400.	U	380.	U			
88-74-4	2-Nitroaniline	2000.	U	2000.	U	1900.	U			
131-11-3	Dimethyl phthalate	400.	U	400.	U	380.	U			
208-96-8	Acenaphthylene	400.	U	400.	U	380.	U			
99-09-2	3-Nitroaniline	2000.	U	2000.	U	1900.	U			
83-32-9	Acenaphthene	400.	U	400.	U	51.	J			
51-28-5	2,4-Dinitrophenol	2000.	U	2000.	U	1900.	U			
100-02-7	4-Nitrophenol	2000.	U	2000.	U	1900.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

SW846-SVOA										
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01				
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301				
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01				
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301				
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96				
	DATE EXTRACTED -->	09/14/96		09/18/96		09/17/96				
	DATE ANALYZED --->	09/23/96		10/02/96		10/11/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL			
132-64-9	Dibenzofuran	62.	J	400.	U	380.	U			
121-14-2	2,4-Dinitrotoluene	400.	U	400.	U	380.	U			
606-20-2	2,6-Dinitrotoluene	400.	U	400.	U	380.	U			
84-66-2	Diethylphthalate	400.	U	400.	U	380.	U			
7005-72-3	4-Chlorophenylphenylether	400.	U	400.	U	380.	U			
86-73-7	Fluorene	400.	U	400.	U	52.	J			
100-01-6	4-Nitroaniline	2000.	U	2000.	U	1900.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2000.	U	1900.	U			
86-30-6	N-Nitrosodiphenylamine	400.	U	400.	U	380.	U			
101-55-3	4-Bromophenyl-phenylether	400.	U	400.	U	380.	U			
118-74-1	Hexachlorobenzene	400.	U	400.	U	380.	U			
87-86-5	Pentachlorophenol	2000.	U	2000.	U	1900.	U			
85-01-8	Phenanthrene	130.	J	400.	U	1200.				
120-12-7	Anthracene	400.	U	400.	U	220.	J			
84-74-2	Di-n-butylphthalate	400.	U	400.	U	380.	U			
206-44-0	Fluoranthene	400.	U	400.	U	1900.				
129-00-0	Pyrene	42.	J	400.	U	2500.				
85-68-7	Butylbenzylphthalate	400.	U	400.	U	380.	U			
91-94-1	3,3'-Dichlorobenzidine	800.	U	800.	U	770.	U			
56-55-3	Benzo(a)anthracene	400.	U	400.	U	940.				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	400.	U	380.	U			
218-01-9	Chrysene	400.	U	400.	U	1100.				
117-84-0	Di-n-octyl phthalate	400.	U	400.	U	380.	U			
205-99-2	Benzo(b)fluoranthene	400.	U	400.	U	800.				
207-08-9	Benzo(k)fluoranthene	400.	U	400.	U	830.				
50-32-8	Benzo(a)pyrene	400.	U	400.	U	730.				
193-39-5	Indeno(1,2,3-cd)pyrene	400.	U	400.	U	290.	J			
53-70-3	Dibenz(a,h)anthracene	400.	U	400.	U	380.	U			
191-24-2	Benzo(g,h,i)perylene	400.	U	400.	U	320.	J			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 008 SOIL SAMPLES

SW846-VOA										
	SAMPLE ID ------->	008-S-B001-01		008-S-B002-01		008-S-B003-01 RE				
	ORIGINAL ID ----->	008SB00101		008SB00201		008SB00301				
	LAB SAMPLE ID --->	26915.04		26958.01		26938.01				
	ID FROM REPORT -->	008SB00101		008SB00201		008SB00301				
	SAMPLE DATE ----->	09/12/96		09/16/96		09/13/96				
	DATE ANALYZED --->	09/23/96		09/23/96		09/23/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	26915	VAL	26938	VAL	26938	VAL			
74-87-3	Chloromethane	12.	U	12.	U	12.	U			
74-83-9	Bromomethane	12.	U	12.	U	12.	U			
75-01-4	Vinyl chloride	12.	U	12.	U	12.	U			
75-00-3	Chloroethane	12.	U	12.	U	12.	U			
75-09-2	Methylene chloride	6.	U	10.	U	8.	U			
67-64-1	Acetone	19.	U	22.	U	12.	U			
75-15-0	Carbon disulfide	6.	U	6.	U	6.	U			
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U			
75-34-3	1,1-Dichloroethane	6.	U	6.	U	6.	U			
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	6.	U			
67-66-3	Chloroform	6.	U	6.	U	6.	U			
107-06-2	1,2-Dichloroethane	6.	U	6.	U	6.	U			
78-93-3	2-Butanone (MEK)	2.	J	12.	U	6.	J			
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	6.	UJ			
56-23-5	Carbon tetrachloride	6.	U	6.	U	6.	UJ			
108-05-4	Vinyl acetate	12.	U	12.	U	12.	UJ			
75-27-4	Bromodichloromethane	6.	U	6.	U	6.	UJ			
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	6.	UJ			
78-87-5	1,2-Dichloropropane	6.	U	6.	U	6.	UJ			
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	6.	UJ			
79-01-6	Trichloroethene	6.	U	6.	U	6.	UJ			
124-48-1	Dibromochloromethane	6.	U	6.	U	6.	UJ			
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	6.	UJ			
71-43-2	Benzene	6.	U	6.	U	6.	UJ			
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	UJ			
110-75-8	2-Chloroethyl vinyl ether	12.	UJ	12.	UJ	12.	UJ			
75-25-2	Bromoform	6.	U	6.	U	6.	UJ			
591-78-6	2-Hexanone	12.	U	12.	U	12.	UJ			
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	12.	UJ			
127-18-4	Tetrachloroethene	6.	U	6.	U	6.	UJ			
108-88-3	Toluene	6.	U	6.	U	6.	UJ			
108-90-7	Chlorobenzene	6.	U	6.	U	6.	UJ			
100-41-4	Ethylbenzene	6.	U	6.	U	6.	UJ			
100-42-5	Styrene	6.	U	6.	U	6.	UJ			
1330-20-7	Xylene (Total)	6.	U	6.	U	6.	UJ			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	09/04/96
DATE ANALYZED --->	09/07/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26725	VAL
94-75-7	2,4-D	70.	U
93-72-1	2,4,5-TP (Silvex)	16.	U
93-76-5	2,4,5-T	18.	U
88-85-7	Dinoseb	42.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/15/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
319-84-6	alpha-BHC	1.5	U
319-85-7	beta-BHC	1.5	U
319-86-8	delta-BHC	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U
76-44-8	Heptachlor	1.5	U
309-00-2	Aldrin	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U
959-98-8	Endosulfan I	1.5	U
60-57-1	Dieldrin	2.8	U
72-55-9	4,4'-DDE	2.8	U
72-20-8	Endrin	2.8	U
33213-65-9	Endosulfan II	2.8	U
72-54-8	4,4'-DDD	2.8	U
1031-07-8	Endosulfan sulfate	2.8	U
50-29-3	4,4'-DDT	2.8	U
72-43-5	Methoxychlor	15.	U
53494-70-5	Endrin ketone	2.8	U
7421-93-4	Endrin aldehyde	2.8	U
5103-71-9	alpha-Chlordane	1.5	U
5103-74-2	gamma-Chlordane	1.5	U
8001-35-2	Toxaphene	93.	U
12674-11-2	Aroclor-1016	37.	U
11104-28-2	Aroclor-1221	37.	U
11141-16-5	Aroclor-1232	37.	U
53469-21-9	Aroclor-1242	37.	U
12672-29-6	Aroclor-1248	37.	U
11097-69-1	Aroclor-1254	75.	U
11096-82-5	Aroclor-1260	75.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
108-95-2	Phenol	370.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U
95-57-8	2-Chlorophenol	370.	U
541-73-1	1,3-Dichlorobenzene	370.	U
106-46-7	1,4-Dichlorobenzene	370.	U
100-51-6	Benzyl alcohol	370.	U
95-50-1	1,2-Dichlorobenzene	370.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	UJ
621-64-7	N-Nitroso-di-n-propylamine	370.	U
67-72-1	Hexachloroethane	370.	U
98-95-3	Nitrobenzene	370.	U
78-59-1	Isophorone	370.	U
88-75-5	2-Nitrophenol	370.	U
105-67-9	2,4-Dimethylphenol	370.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U
120-83-2	2,4-Dichlorophenol	370.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U
91-20-3	Naphthalene	370.	U
106-47-8	4-Chloroaniline	370.	U
87-68-3	Hexachlorobutadiene	370.	U
59-50-7	4-Chloro-3-methylphenol	370.	U
91-57-6	2-Methylnaphthalene	370.	U
77-47-4	Hexachlorocyclopentadiene	370.	U
88-06-2	2,4,6-Trichlorophenol	370.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U
91-58-7	2-Chloronaphthalene	370.	U
88-74-4	2-Nitroaniline	1800.	U
131-11-3	Dimethyl phthalate	370.	U
208-96-8	Acenaphthylene	370.	U
606-20-2	2,6-Dinitrotoluene	370.	U
99-09-2	3-Nitroaniline	1800.	U
83-32-9	Acenaphthene	370.	U
51-28-5	2,4-Dinitrophenol	1800.	U
100-02-7	4-Nitrophenol	1800.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
132-64-9	Dibenzofuran	370.	U
121-14-2	2,4-Dinitrotoluene	370.	U
84-66-2	Diethylphthalate	370.	U
7005-72-3	4-Chlorophenylphenylether	370.	U
86-73-7	Fluorene	370.	U
100-01-6	4-Nitroaniline	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U
86-30-6	N-Nitrosodiphenylamine	370.	U
101-55-3	4-Bromophenyl-phenylether	370.	U
118-74-1	Hexachlorobenzene	370.	U
87-86-5	Pentachlorophenol	1800.	U
85-01-8	Phenanthrene	370.	U
120-12-7	Anthracene	370.	U
86-74-8	Carbazole	370.	UR
84-74-2	Di-n-butylphthalate	370.	U
206-44-0	Fluoranthene	370.	U
129-00-0	Pyrene	370.	U
85-68-7	Butylbenzylphthalate	370.	U
91-94-1	3,3'-Dichlorobenzidine	740.	U
56-55-3	Benzo(a)anthracene	370.	U
218-01-9	Chrysene	370.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U
117-84-0	Di-n-octyl phthalate	370.	U
205-99-2	Benzo(b)fluoranthene	370.	U
207-08-9	Benzo(k)fluoranthene	370.	U
50-32-8	Benzo(a)pyrene	370.	U
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3	Dibenz(a,h)anthracene	370.	U
191-24-2	Benzo(g,h,i)perylene	370.	U
110-86-1	Pyridine	370.	UJ
62-75-9	N-Nitrosodimethylamine	370.	U
66-27-3	Methyl methanesulfonate	1800.	U
62-53-3	Aniline	370.	U
10595-95-6	N-Nitrosomethylethylamine	370.	U
55-18-5	N-Nitrosodiethylamine	370.	U
62-50-0	Ethyl methanesulfonate	370.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26725	VAL
109-06-8	2-Picoline	370.	U
98-86-2	Acetophenone	370.	U
930-55-2	N-Nitrosopyrrolidine	370.	U
108-39-4	3-Methylphenol (m-Cresol)	370.	UJ
59-89-2	N-Nitrosomorpholine	370.	U
95-53-4	o-Toluidine	370.	U
96-12-8	1,2-Dibromo-3-Chloropropane	370.	UR
100-75-4	N-Nitrosopiperidine	370.	U
126-68-1	O,O,O-Triethylphosphorothioate	370.	U
122-09-8	a,a-Dimethylphenethylamine	370.	U
87-65-0	2,6-Dichlorophenol	370.	UJ
1888-71-7	Hexachloropropene	370.	U
106-50-3	p-Phenylenediamine	1800.	U
924-16-3	N-Nitroso-di-n-butylamine	370.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U
94-59-7	Safrole	370.	UJ
120-58-1	Isosafrole	370.	U
130-15-4	1,4-Naphthoquinone	370.	UJ
99-65-0	1,3-Dinitrobenzene	370.	UJ
58-90-2	2,3,4,6-Tetrachlorophenol	370.	U
608-93-5	Pentachlorobenzene	370.	UJ
134-32-7	1-Naphthylamine	370.	U
56-57-5	4-Nitroquinoline 1-oxide	1800.	UR
91-59-8	2-Naphthylamine	370.	U
297-97-2	Thionazin	740.	U
99-55-8	5-Nitro-o-toluidine	370.	UJ
122-39-4	Diphenylamine	370.	UJ
3689-24-5	Sulfotep	740.	UJ
99-35-4	1,3,5-Trinitrobenzene	370.	U
298-02-2	Phorate	370.	U
62-44-2	Phenacetin	370.	U
2303-16-4	Diallate	370.	U
60-51-5	Dimethoate	370.	U
92-67-1	4-Aminobiphenyl	370.	U
23950-58-5	Pronamide	370.	U
82-68-8	Pentachloronitrobenzene	1800.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
298-04-4	Disulfoton	370.	U
88-85-7	Dinoseb	370.	U
298-00-0	Methyl parathion	740.	U
56-38-2	Parathion	740.	UJ
91-80-5	Methapyrilene	740.	U
465-73-6	Isodrin	740.	U
140-57-8	Aramite	1800.	UR
60-11-7	p-(Dimethylamino)azobenzene	370.	U
510-15-6	Chlorobenzilate	370.	U
119-93-7	3,3-Dimethylbenzidine	370.	U
143-50-0	Kepone	1800.	UR
52-85-7	Famphur	370.	UJ
53-96-3	Acetamidofluorene	370.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	UR
70-30-4	Hexachlorophene	7500.	UR
56-49-5	3-Methyl cholanthrene	370.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE ANALYZED --->	09/03/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene chloride	19.	U
67-64-1	Acetone	38.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	11.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	11.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	3.	J
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	3.	J
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR
107-02-8	Acrolein	56.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE ANALYZED --->	09/03/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26725	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	220.	UR
107-13-1	Acrylonitrile	56.	U
107-12-0	Propionitrile	110.	U
126-98-7	Methacrylonitrile	110.	U
78-83-1	Isobutyl alcohol	220.	UR
123-91-1	1,4-Dioxane	560.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	11.	U
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	011-S-W001-06					
	ORIGINAL ID ----->	011SW00106					
	LAB SAMPLE ID --->	28298.02					
	ID FROM REPORT -->	011SW00106					
	SAMPLE DATE ----->	01/24/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	46.5					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

CYANIDE							
	SAMPLE ID ------->	011-S-B001-01	011-S-B001-02	011-S-B002-01	011-S-B003-01	011-C-B003-01	011-S-B003-02
	ORIGINAL ID ----->	011SB00101	011SB00102	011SB00201	011SB00301	011CB00301	011SB00302
	LAB SAMPLE ID --->	26766.01	26766.02	26766.06	26766.03	26767.01	26766.04
	ID FROM REPORT -->	011SB00101	011SB00102	011SB00201	011SB00301	011CB00301	011SB00302
	SAMPLE DATE ----->	08/28/96	08/28/96	08/28/96	08/28/96	08/28/96	08/28/96
	DATE EXTRACTED -->	09/04/96	09/04/96	09/04/96	09/04/96	09/05/96	09/04/96
	DATE ANALYZED --->	09/05/96	09/05/96	09/05/96	09/05/96	09/05/96	09/05/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	26725 VAL	26725 VAL	26725 VAL	26725 VAL	26725 VAL	26725 VAL
57-12-5	Cyanide (CN)	0.22 J	0.15 J	0.19 J	0.2 J	0.37 U	0.12 U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/03/96
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	26725	VAL
18540-29-9	Chromium (Hexavalent)	0.282	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

PH																	
	SAMPLE ID ------->	011-S-B001-01		011-S-B001-02		011-S-B002-01		011-S-B003-01		011-S-B003-02		011-S-B004-01	
	ORIGINAL ID ----->	011SB00101		011SB00102		011SB00201		011SB00301		011SB00302		011SB00401	
	LAB SAMPLE ID --->	26766.01		26766.02		26766.06		26766.03		26766.04		27034.D6	
	ID FROM REPORT -->	011SB00101		011SB00102		011SB00201		011SB00301		011SB00302		011SB00401	
	SAMPLE DATE ----->	08/28/96		08/28/96		08/28/96		08/28/96		08/28/96		09/20/96	
	DATE ANALYZED --->	09/03/96		09/03/96		09/03/96		09/03/96		09/03/96		10/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	SU		SU		SU		SU		SU		SU	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	26725	VAL	26725	VAL	27034	VAL
9999900-09-4	pH	7.85		6.3		7.87		7.5		4.93		7.94	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

PH							
	SAMPLE ID ------->	011-S-B005-01	011-S-B005-02	011-S-W001-06			
	ORIGINAL ID ----->	011SB00501	011SB00502	011SW00106			
	LAB SAMPLE ID --->	27034.02	27034.05	28298.02			
	ID FROM REPORT -->	011SB00501	011SB00502	011SW00106			
	SAMPLE DATE ----->	09/20/96	09/20/96	01/24/97			
	DATE ANALYZED --->	10/04/96	10/04/96	02/14/97			
	MATRIX ---------->	Soil	Soil	Soil			
	UNITS ---------->	SU	SU	SU			
CAS #	Parameter	27034 VAL	27034 VAL	28298			
9999900-09-4	pH	8.09	8.21	5.33			

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

SW846-D10X

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/29/96
DATE ANALYZED --->	09/04/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	26725	VAL
1746-01-6	2378-TCDD	0.374	U
40321-76-4	12378-PeCDD	0.485	U
39227-28-6	123478-HxCDD	0.748	U
57653-85-7	123678-HxCDD	0.543	U
19408-74-3	123789-HxCDD	0.566	U
35822-46-9	1234678-HpCDD	4.46	J
3268-87-9	OCDD	38.2	
51207-31-9	2378-TCDF	0.401	U
57117-41-6	12378-PeCDF	0.374	U
57117-31-4	23478-PeCDF	0.36	U
70648-26-9	123478-HxCDF	0.248	U
57117-44-9	123678-HxCDF	0.18	U
72918-21-9	123789-HxCDF	0.244	U
60851-34-5	234678-HxCDF	0.231	U
67562-39-4	1234678-HpCDF	1.53	
55673-89-7	1234789-HpCDF	0.684	U
39001-02-0	OCDF	2.27	
41903-57-5	Total Tetra-Dioxins	1.16	
36088-22-9	Total Penta-Dioxins	0.485	U
34465-46-8	Total Hexa-Dioxins	2.79	
37871-00-4	Total Hepta-Dioxins	6.56	
55722-27-5	Total Tetra-Furans	0.401	U
30602-15-4	Total Penta-Furans	0.36	U
55684-94-1	Total Hexa-Furans	0.18	U
38998-75-3	Total Hepta-Furans	1.53	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	011-S-B001-01		011-S-B001-02		011-S-B002-01		011-S-B003-01		011-C-B003-01		011-S-B003-02	
	ORIGINAL ID ----->	011SB00101		011SB00102		011SB00201		011SB00301		011CB00301		011SB00302	
	LAB SAMPLE ID --->	26766.01		26766.02		26766.06		26766.03		26767.01		26766.04	
	ID FROM REPORT -->	011SB00101		011SB00102		011SB00201		011SB00301		011CB00301		011SB00302	
	SAMPLE DATE ----->	08/28/96		08/28/96		08/28/96		08/28/96		08/28/96		08/28/96	
	DATE EXTRACTED -->	09/05/96		09/05/96		09/05/96		09/05/96		09/05/96		09/05/96	
	DATE ANALYZED --->	09/12/96		09/12/96		09/12/96		09/12/96		09/12/96		09/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	26725	VAL	26725	VAL	26725	VAL
7429-90-5	Aluminum (Al)	6260.		11100.		3750.		2180.		1920.		8860.	
7440-36-0	Antimony (Sb)	0.32	U	0.36	U	0.37	U	0.34	U	0.34	U	0.37	U
7440-38-2	Arsenic (As)	4.3		3.2		1.	J	4.1		4.1		4.3	
7440-39-3	Barium (Ba)	25.1		22.5		4.6		8.3		7.6		41.8	
7440-41-7	Beryllium (Be)	0.35		0.31		0.18	J	0.29		0.29		0.53	
7440-43-9	Cadmium (Cd)	0.24		0.18	J	0.12	U	0.11	U	0.05	J	0.24	J
7440-70-2	Calcium (Ca)	14900.		1650.		4730.		50400.		49700.		2190.	
7440-47-3	Chromium (Cr)	13.2		14.		5.		5.7		5.5		12.5	
7440-48-4	Cobalt (Co)	1.2		1.2		1.		1.		1.	J	1.8	
7440-50-8	Copper (Cu)	16.2		0.57	J	0.6	J	1.8	J	0.88	J	1.6	J
7439-89-6	Iron (Fe)	7100.		10500.		2660.		3900.		3690.		10800.	
7439-92-1	Lead (Pb)	1100.		17.1		3.		4.7		2.4		14.2	
7439-95-4	Magnesium (Mg)	614.		847.		244.		629.		558.		612.	
7439-96-5	Manganese (Mn)	39.3		42.2		9.7		47.3		38.		60.6	
7439-97-6	Mercury (Hg)	0.1		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	4.		2.		1.8		1.4		1.1	J	2.5	
7440-09-7	Potassium (K)	221.		427.		77.		163.		225.	U	229.	
7782-49-2	Selenium (Se)	0.32	U	0.44	U	0.37	U	0.34	U	0.34	U	0.37	U
7440-22-4	Silver (Ag)	0.22	U	0.24	U	0.25	U	0.26	U	0.21	U	0.24	U
7440-23-5	Sodium (Na)	258.		245.		164.	J	634.		660.		246.	
7440-28-0	Thallium (Tl)	0.32	U	0.36	U	0.37	U	0.34	U	0.38	U	0.37	U
7440-31-5	Tin (Sn)	1.9	U	1.5	U	1.4	U	1.2	U	1.	U	2.1	U
7440-62-2	Vanadium (V)	14.6		22.7		6.4		6.1		6.		18.9	
7440-66-6	Zinc (Zn)	48.6		11.9		6.7		12.5		8.		13.3	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

SW846-META										
	SAMPLE ID ------->	011-S-B004-01		011-S-B005-01		011-S-B005-02				
	ORIGINAL ID ----->	011SB00401		011SB00501		011SB00502				
	LAB SAMPLE ID --->	27034.06		27034.02		27034.05				
	ID FROM REPORT -->	011SB00401		011SB00501		011SB00502				
	SAMPLE DATE ----->	09/20/96		09/20/96		09/20/96				
	DATE EXTRACTED -->	09/30/96		09/30/96		09/30/96				
	DATE ANALYZED --->	10/10/96		10/11/96		10/10/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	27034	VAL	27034	VAL	27034	VAL			
7429-90-5	Aluminum (Al)	7060.		4000.		2780.				
7440-36-0	Antimony (Sb)	0.35	UJ	0.35	UJ	0.32	UJ			
7440-38-2	Arsenic (As)	5.1		2.7		1.8				
7440-39-3	Barium (Ba)	27.9		16.		11.1				
7440-41-7	Beryllium (Be)	0.47		0.24		0.19	J			
7440-43-9	Cadmium (Cd)	0.05	U	0.1	J	0.13	J			
7440-70-2	Calcium (Ca)	5390.	J	9600.	J	7180.	J			
7440-47-3	Chromium (Cr)	10.4		9.2		6.2				
7440-48-4	Cobalt (Co)	1.5	J	1.2	J	0.87	J			
7440-50-8	Copper (Cu)	8.6		10.9		8.3				
7439-89-6	Iron (Fe)	9530.		4160.		3210.				
7439-92-1	Lead (Pb)	15.5		29.		18.				
7439-95-4	Magnesium (Mg)	541.		577.		534.				
7439-96-5	Manganese (Mn)	46.7	J	41.2	J	46.2	J			
7439-97-6	Mercury (Hg)	0.05		0.2		0.05				
7440-02-0	Nickel (Ni)	2.4	J	3.6	J	3.5	J			
7440-09-7	Potassium (K)	231.	U	233.	U	216.	U			
7782-49-2	Selenium (Se)	1.1	J	0.56	J	0.45	J			
7440-22-4	Silver (Ag)	0.22	U	0.22	U	0.2	U			
7440-23-5	Sodium (Na)	305.	U	158.	U	176.	U			
7440-28-0	Thallium (Tl)	0.39	UJ	0.4	UJ	0.37	UJ			
7440-31-5	Tin (Sn)	6.	J	6.1	J	6.8	J			
7440-62-2	Vanadium (V)	16.3		9.2		11.8				
7440-66-6	Zinc (Zn)	18.6		37.8		41.5				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	011-C-B003-01
ORIGINAL ID ----->	011CB00301
LAB SAMPLE ID --->	26767.01
ID FROM REPORT -->	011CB00301
SAMPLE DATE ----->	08/28/96
DATE EXTRACTED -->	08/30/96
DATE ANALYZED --->	09/12/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26725	VAL
298-02-2	Phorate	75.	U
298-04-4	Disulfoton	135.	U
298-00-0	Methyl parathion	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 011 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	011-S-W001-06					
	ORIGINAL ID ----->	011SW00106					
	LAB SAMPLE ID --->	28298.02					
	ID FROM REPORT -->	011SW00106					
	SAMPLE DATE ----->	01/24/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	7340.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	120-S-W002-04					
	ORIGINAL ID ----->	120SW00204					
	LAB SAMPLE ID --->	28298.01					
	ID FROM REPORT -->	120SW00204					
	SAMPLE DATE ----->	01/24/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	28.4					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

CYANIDE							
	SAMPLE ID ------->	120-S-B001-01	120-S-B002-01	120-S-B002-02	120-S-B003-01		
	ORIGINAL ID ----->	120SB00101	120SB00201	120SB00202	120SB00301		
	LAB SAMPLE ID --->	26792.06	26792.01	26792.02	26792.03		
	ID FROM REPORT -->	120SB00101	120SB00201	120SB00202	120SB00301		
	SAMPLE DATE ----->	08/29/96	08/29/96	08/29/96	08/29/96		
	DATE EXTRACTED -->	09/05/96	09/05/96	09/05/96	09/05/96		
	DATE ANALYZED --->	09/09/96	09/09/96	09/09/96	09/09/96		
	MATRIX ---------->	Soil	Soil	Soil	Soil		
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG		
CAS #	Parameter	26792 VAL	26792 VAL	26792 VAL	26792 VAL		
57-12-5	Cyanide (CN)	0.29 U	0.26 U	0.35 U	0.31 U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

PH

SAMPLE ID ------->	120-S-W002-04
ORIGINAL ID ----->	120SW00204
LAB SAMPLE ID --->	28298.01
ID FROM REPORT -->	120SW00204
SAMPLE DATE ----->	01/24/97
DATE ANALYZED --->	02/14/97
MATRIX ---------->	Soil
UNITS ----------->	SU

CAS #	Parameter	28298
9999900-09-4	pH	8.24

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	120-S-B001-01		120-S-B002-01		120-S-B002-02		120-S-B003-01		120-S-B004-01		120-S-B004-02	
	ORIGINAL ID ----->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	LAB SAMPLE ID --->	26792.06		26792.01		26792.02		26792.03		27090.06		27090.07	
	ID FROM REPORT -->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/29/96		08/29/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/06/96		09/06/96		09/06/96		09/06/96		10/02/96		10/02/96	
	DATE ANALYZED --->	09/12/96		09/12/96		09/12/96		09/12/96		10/13/96		10/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	27090	VAL	27090	VAL
7429-90-5	Aluminum (Al)	9950.		3980.		17300.		3620.		3950.		1330.	
7440-36-0	Antimony (Sb)	10.	J	4.4	J	3.3	J	0.36	UJ	0.34	UJ	0.37	UJ
7440-38-2	Arsenic (As)	16.3	J	5.2	J	19.1	J	0.91	J	1.2		0.65	J
7440-39-3	Barium (Ba)	37.		27.		40.1		2.9		12.3		7.9	
7440-41-7	Beryllium (Be)	0.74		0.5		1.		0.15	U	0.11	U	0.22	J
7440-43-9	Cadmium (Cd)	1.3		0.32		0.5		0.06	J	0.04	U	0.05	U
7440-70-2	Calcium (Ca)	25000.	J	47900.	J	42000.	J	40400.	J	15900.		55000.	
7440-47-3	Chromium (Cr)	46.5		13.6		39.4		3.5		7.4	J	3.3	J
7440-48-4	Cobalt (Co)	3.4		3.5		4.7		0.73		0.86	J	0.68	J
7440-50-8	Copper (Cu)	286.		160.		69.3		1.8	J	3.6	U	0.47	U
7439-89-6	Iron (Fe)	12700.		5640.		20900.		954.		1880.		2390.	
7439-92-1	Lead (Pb)	223.	J	155.	J	58.3	J	2.2	J	11.4		1.4	
7439-95-4	Magnesium (Mg)	2600.		955.		3650.		467.		334.		254.	
7439-96-5	Manganese (Mn)	118.	J	81.9	J	174.	J	20.5	J	23.5		16.7	
7439-97-6	Mercury (Hg)	0.35		0.23		0.26		0.04	U	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	22.1		25.1		17.9		1.7		1.9	J	0.7	J
7440-09-7	Potassium (K)	908.		295.		1370.		80.	U	224.	U	245.	U
7782-49-2	Selenium (Se)	0.41	UJ	0.64	J	0.41	J	0.44	J	0.35	J	0.37	UJ
7440-22-4	Silver (Ag)	0.26	U	0.2	U	0.25	U	0.23	U	0.21	U	0.23	U
7440-23-5	Sodium (Na)	723.		441.		882.		242.		187.	U	786.	U
7440-28-0	Thallium (Tl)	0.46	UJ	0.37	UJ	0.45	UJ	0.4	UJ	0.38	UJ	0.42	UJ
7440-31-5	Tin (Sn)	8.2	U	20.8		4.3	U	0.67	U	1.1	U	1.1	U
7440-62-2	Vanadium (V)	46.9		10.9		51.5		2.5		4.4		4.	
7440-66-6	Zinc (Zn)	501.		392.		209.		5.8		14.3		6.2	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	120-S-B005-01		120-S-B006-01					
	ORIGINAL ID ----->	120SB00501		120SB00601					
	LAB SAMPLE ID --->	27090.03		27065.01					
	ID FROM REPORT -->	120SB00501		120SB00601					
	SAMPLE DATE ----->	09/25/96		09/24/96					
	DATE EXTRACTED -->	10/02/96		10/01/96					
	DATE ANALYZED --->	10/13/96		10/15/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	27090	VAL	27065	VAL				
7429-90-5	Aluminum (Al)	4490.		3030.					
7440-36-0	Antimony (Sb)	0.33	UJ	1.6	J				
7440-38-2	Arsenic (As)	1.5		2.7					
7440-39-3	Barium (Ba)	5.9		27.1					
7440-41-7	Beryllium (Be)	0.17	U	0.4					
7440-43-9	Cadmium (Cd)	0.09	J	0.22	J				
7440-70-2	Calcium (Ca)	11400.		67600.					
7440-47-3	Chromium (Cr)	5.5	J	7.9	J				
7440-48-4	Cobalt (Co)	0.71	J	2.9					
7440-50-8	Copper (Cu)	10.2		83.1					
7439-89-6	Iron (Fe)	1400.		3520.					
7439-92-1	Lead (Pb)	7.7		59.4					
7439-95-4	Magnesium (Mg)	287.		1050.					
7439-96-5	Manganese (Mn)	12.7		110.					
7439-97-6	Mercury (Hg)	0.04	U	0.04	U				
7440-02-0	Nickel (Ni)	2.5	J	21.2	J				
7440-09-7	Potassium (K)	222.	U	253.	J				
7782-49-2	Selenium (Se)	0.55	J	0.33	U				
7440-22-4	Silver (Ag)	0.21	U	0.21	U				
7440-23-5	Sodium (Na)	148.	U	338.	U				
7440-28-0	Thallium (Tl)	0.38	UJ	0.37	UJ				
7440-31-5	Tin (Sn)	1.3	U	11.					
7440-62-2	Vanadium (V)	4.8		7.6					
7440-66-6	Zinc (Zn)	13.1		167.					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	120-S-B001-01		120-S-B002-01		120-S-B002-02		120-S-B003-01		120-S-B004-01		120-S-B004-02	
	ORIGINAL ID ----->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	LAB SAMPLE ID --->	26792.06		26792.01		26792.02		26792.03		27090.06		27090.07	
	ID FROM REPORT -->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/29/96		08/29/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/22/96		09/22/96	
	DATE ANALYZED --->	09/18/96		09/18/96		09/18/96		09/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	27090	VAL	27090	VAL
319-84-6	alpha-BHC	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
319-85-7	beta-BHC	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
319-86-8	delta-BHC	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
58-89-9	gamma-BHC (Lindane)	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
76-44-8	Heptachlor	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
309-00-2	Aldrin	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
1024-57-3	Heptachlor epoxide	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
959-98-8	Endosulfan I	18.	U	1.4	U	170.	U	1.5	U	1.5	U	1.6	U
60-57-1	Dieldrin	34.	U	2.7	U	330.	U	3.	U	7.1		3.	U
72-55-9	4,4'-DDE	130.		36.		3100.		3.	U	2.8	U	3.	U
72-20-8	Endrin	34.	U	3.8	J	330.	U	3.	U	2.8	U	3.	U
33213-65-9	Endosulfan II	34.	U	2.7	U	330.	U	3.	U	2.8	U	3.	U
72-54-8	4,4'-DDD	560.	D	200.	D	7100.	D	3.	U	2.8	U	3.	U
1031-07-8	Endosulfan sulfate	34.	U	2.7	U	330.	U	3.	U	2.8	U	3.	U
50-29-3	4,4'-DDT	470.		35.		380.		3.	U	2.8	U	3.	U
72-43-5	Methoxychlor	180.	U	14.	U	1700.	U	15.	U	15.	U	16.	U
53494-70-5	Endrin ketone	34.	U	2.7	U	330.	U	3.	U	2.8	U	3.	U
7421-93-4	Endrin aldehyde	34.	U	2.7	U	330.	U	3.	U	3.3	U	3.	U
5103-71-9	alpha-Chlordane	24.		5.4		170.	U	1.5	U	1.5	U	1.6	U
5103-74-2	gamma-Chlordane	20.	U	3.4	U	170.	U	1.5	U	1.5	U	1.6	U
8001-35-2	Toxaphene	1100.	U	89.	U	11000.	U	99.	U	93.	U	100.	U
12674-11-2	Aroclor-1016	440.	U	35.	U	4400.	U	39.	U	37.	U	40.	U
11104-28-2	Aroclor-1221	440.	U	35.	U	4400.	U	39.	U	37.	U	40.	U
11141-16-5	Aroclor-1232	440.	U	35.	U	4400.	U	39.	U	37.	U	40.	U
53469-21-9	Aroclor-1242	440.	U	35.	U	4400.	U	39.	U	37.	U	40.	U
12672-29-6	Aroclor-1248	440.	U	35.	U	4400.	U	39.	U	37.	U	40.	U
11097-69-1	Aroclor-1254	900.	U	72.	U	8900.	U	80.	U	75.	U	82.	U
11096-82-5	Aroclor-1260	900.	U	72.	U	8900.	U	80.	U	75.	U	82.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-PEST									
	SAMPLE ID ------->	120-S-B005-01		120-S-B006-01					
	ORIGINAL ID ----->	120SB00501		120SB00601					
	LAB SAMPLE ID --->	27090.03		27065.01					
	ID FROM REPORT -->	120SB00501		120SB00601					
	SAMPLE DATE ----->	09/25/96		09/24/96					
	DATE EXTRACTED -->	09/22/96		09/26/96					
	DATE ANALYZED --->	10/17/96		10/08/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	27090	VAL	27065	VAL				
319-84-6	alpha-BHC	1.4	U	1.4	U				
319-85-7	beta-BHC	1.4	U	1.4	U				
319-86-8	delta-BHC	1.4	U	1.4	U				
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U				
76-44-8	Heptachlor	1.4	U	1.4	U				
309-00-2	Aldrin	1.4	U	1.4	U				
1024-57-3	Heptachlor epoxide	1.4	U	1.4	U				
959-98-8	Endosulfan I	1.4	U	1.4	U				
60-57-1	Dieldrin	2.8	U	3.9					
72-55-9	4,4'-DDE	5.5		56.	D				
72-20-8	Endrin	2.8	U	2.7	U				
33213-65-9	Endosulfan II	2.8	U	2.7	U				
72-54-8	4,4'-DDD	12.		68.	D				
1031-07-8	Endosulfan sulfate	2.8	U	2.7	U				
50-29-3	4,4'-DDT	2.8	U	320.	D				
72-43-5	Methoxychlor	14.	U	14.	U				
53494-70-5	Endrin ketone	2.8	U	2.7	U				
7421-93-4	Endrin aldehyde	2.8	U	2.7	U				
5103-71-9	alpha-Chlordane	2.4	J	2.8	U				
5103-74-2	gamma-Chlordane	4.4	U	2.3	J				
8001-35-2	Toxaphene	92.	U	91.	U				
12674-11-2	Aroclor-1016	37.	U	36.	U				
11104-28-2	Aroclor-1221	37.	U	36.	U				
11141-16-5	Aroclor-1232	37.	U	36.	U				
53469-21-9	Aroclor-1242	37.	U	36.	U				
12672-29-6	Aroclor-1248	37.	U	36.	U				
11097-69-1	Aroclor-1254	74.	U	74.	U				
11096-82-5	Aroclor-1260	74.	U	74.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	120-S-B001-01		120-S-B002-01		120-S-B002-02		120-S-B003-01		120-S-B004-01		120-S-B004-02	
	ORIGINAL ID ----->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	LAB SAMPLE ID --->	26792.06		26792.01		26792.02		26792.03		27090.06		27090.07	
	ID FROM REPORT -->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/29/96		08/29/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/27/96		09/27/96	
	DATE ANALYZED --->	09/10/96		09/10/96		09/10/96		09/10/96		10/16/96		10/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	27090	VAL	27090	VAL
108-95-2	Phenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
95-57-8	2-Chlorophenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
541-73-1	1,3-Dichlorobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
106-46-7	1,4-Dichlorobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
100-51-6	Benzyl alcohol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
95-50-1	1,2-Dichlorobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
67-72-1	Hexachloroethane	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
98-95-3	Nitrobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
78-59-1	Isophorone	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
88-75-5	2-Nitrophenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
105-67-9	2,4-Dimethylphenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
65-85-0	Benzoic acid	87.	J	1700.	U	84.	J	58.	J	1800.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
120-83-2	2,4-Dichlorophenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
91-20-3	Naphthalene	86.	J	350.	U	440.	U	390.	U	370.	U	400.	U
106-47-8	4-Chloroaniline	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
87-68-3	Hexachlorobutadiene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
91-57-6	2-Methylnaphthalene	160.	J	45.	J	440.	U	390.	U	370.	U	400.	U
77-47-4	Hexachlorocyclopentadiene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
91-58-7	2-Chloronaphthalene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
88-74-4	2-Nitroaniline	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
131-11-3	Dimethyl phthalate	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
208-96-8	Acenaphthylene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
99-09-2	3-Nitroaniline	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
83-32-9	Acenaphthene	440.	U	84.	J	440.	U	390.	U	370.	U	400.	U
51-28-5	2,4-Dinitrophenol	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
100-02-7	4-Nitrophenol	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	120-S-B001-01		120-S-B002-01		120-S-B002-02		120-S-B003-01		120-S-B004-01		120-S-B004-02	
	ORIGINAL ID ----->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	LAB SAMPLE ID --->	26792.06		26792.01		26792.02		26792.03		27090.06		27090.07	
	ID FROM REPORT -->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/29/96		08/29/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/27/96		09/27/96	
	DATE ANALYZED --->	09/10/96		09/10/96		09/10/96		09/10/96		10/16/96		10/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	27090	VAL	27090	VAL
132-64-9	Dibenzofuran	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
121-14-2	2,4-Dinitrotoluene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
606-20-2	2,6-Dinitrotoluene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
84-66-2	Diethylphthalate	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
86-73-7	Fluorene	440.	U	45.	J	440.	U	390.	U	370.	U	400.	U
100-01-6	4-Nitroaniline	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
118-74-1	Hexachlorobenzene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
87-86-5	Pentachlorophenol	2200.	U	1700.	U	2100.	U	1900.	U	1800.	U	2000.	U
85-01-8	Phenanthrene	160.	J	190.	J	69.	J	390.	U	370.	U	400.	U
120-12-7	Anthracene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
84-74-2	Di-n-butylphthalate	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
206-44-0	Fluoranthene	260.	J	200.	J	120.	J	390.	U	370.	U	400.	U
129-00-0	Pyrene	220.	J	160.	J	100.	J	390.	U	370.	U	400.	U
85-68-7	Butylbenzylphthalate	95.	J	37.	J	440.	U	390.	U	370.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	890.	U	710.	U	880.	U	780.	U	740.	U	800.	U
56-55-3	Benzo(a)anthracene	100.	J	66.	J	60.	J	390.	U	370.	U	400.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
218-01-9	Chrysene	160.	J	88.	J	160.	J	390.	U	370.	U	400.	U
117-84-0	Di-n-octyl phthalate	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
205-99-2	Benzo(b)fluoranthene	170.	J	72.	J	250.	J	390.	U	370.	U	400.	U
207-08-9	Benzo(k)fluoranthene	92.	J	49.	J	440.	U	390.	U	370.	U	400.	U
50-32-8	Benzo(a)pyrene	92.	J	53.	J	140.	J	390.	U	370.	U	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	57.	J	350.	U	77.	J	390.	U	370.	U	400.	U
53-70-3	Dibenz(a,h)anthracene	440.	U	350.	U	440.	U	390.	U	370.	U	400.	U
191-24-2	Benzo(g,h,i)perylene	57.	J	350.	U	94.	J	390.	U	370.	U	400.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	120-S-B005-01		120-S-B006-01				
ORIGINAL ID ----->	120SB00501		120SB00601				
LAB SAMPLE ID --->	27090.03		27065.01				
ID FROM REPORT -->	120SB00501		120SB00601				
SAMPLE DATE ----->	09/25/96		09/24/96				
DATE EXTRACTED -->	09/27/96		09/26/96				
DATE ANALYZED --->	10/16/96		10/16/96				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	27090	VAL	27065	VAL			
108-95-2 Phenol	370.	U	360.	U			
111-44-4 bis(2-Chloroethyl)ether	370.	U	360.	U			
95-57-8 2-Chlorophenol	370.	U	360.	U			
541-73-1 1,3-Dichlorobenzene	370.	U	360.	U			
106-46-7 1,4-Dichlorobenzene	370.	U	360.	U			
100-51-6 Benzyl alcohol	370.	U	360.	U			
95-50-1 1,2-Dichlorobenzene	370.	U	360.	U			
95-48-7 2-Methylphenol (o-Cresol)	370.	U	360.	U			
108-60-1 2,2'-oxybis(1-Chloropropane)	370.	U	360.	U			
106-44-5 4-Methylphenol (p-Cresol)	370.	U	360.	U			
621-64-7 N-Nitroso-di-n-propylamine	370.	U	360.	U			
67-72-1 Hexachloroethane	370.	U	360.	U			
98-95-3 Nitrobenzene	370.	U	360.	U			
78-59-1 Isophorone	370.	U	360.	U			
88-75-5 2-Nitrophenol	370.	U	360.	U			
105-67-9 2,4-Dimethylphenol	370.	U	360.	U			
65-85-0 Benzoic acid	1800.	U	1800.	U			
111-91-1 bis(2-Chloroethoxy)methane	370.	U	360.	U			
120-83-2 2,4-Dichlorophenol	370.	U	360.	U			
120-82-1 1,2,4-Trichlorobenzene	370.	U	360.	U			
91-20-3 Naphthalene	370.	U	360.	U			
106-47-8 4-Chloroaniline	370.	U	360.	U			
87-68-3 Hexachlorobutadiene	370.	U	360.	U			
59-50-7 4-Chloro-3-methylphenol	370.	U	360.	U			
91-57-6 2-Methylnaphthalene	370.	U	360.	U			
77-47-4 Hexachlorocyclopentadiene	370.	U	360.	U			
88-06-2 2,4,6-Trichlorophenol	370.	U	360.	U			
95-95-4 2,4,5-Trichlorophenol	1800.	U	1800.	U			
91-58-7 2-Chloronaphthalene	370.	U	360.	U			
88-74-4 2-Nitroaniline	1800.	U	1800.	U			
131-11-3 Dimethyl phthalate	370.	U	360.	U			
208-96-8 Acenaphthylene	370.	U	360.	U			
99-09-2 3-Nitroaniline	1800.	U	1800.	U			
83-32-9 Acenaphthene	370.	U	360.	U			
51-28-5 2,4-Dinitrophenol	1800.	U	1800.	U			
100-02-7 4-Nitrophenol	1800.	U	1800.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	120-S-B005-01	120-S-B006-01
ORIGINAL ID ----->	120SB00501	120SB00601
LAB SAMPLE ID --->	27090.03	27065.01
ID FROM REPORT -->	120SB00501	120SB00601
SAMPLE DATE ----->	09/25/96	09/24/96
DATE EXTRACTED -->	09/27/96	09/26/96
DATE ANALYZED --->	10/16/96	10/16/96
MATRIX ---------->	Soil	Soil
UNITS ---------->	UG/KG	UG/KG

CAS #	Parameter	27090	VAL	27065	VAL
132-64-9	Dibenzofuran	370.	U	360.	U
121-14-2	2,4-Dinitrotoluene	370.	U	360.	U
606-20-2	2,6-Dinitrotoluene	370.	U	360.	U
84-66-2	Diethylphthalate	370.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	360.	U
86-73-7	Fluorene	370.	U	360.	U
100-01-6	4-Nitroaniline	1800.	U	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	360.	U
118-74-1	Hexachlorobenzene	370.	U	360.	U
87-86-5	Pentachlorophenol	1800.	U	1800.	U
85-01-8	Phenanthrene	370.	U	360.	U
120-12-7	Anthracene	370.	U	360.	U
84-74-2	Di-n-butylphthalate	370.	U	360.	U
206-44-0	Fluoranthene	370.	U	360.	U
129-00-0	Pyrene	370.	U	360.	U
85-68-7	Butylbenzylphthalate	370.	U	53.	J
91-94-1	3,3'-Dichlorobenzidine	730.	U	720.	U
56-55-3	Benzo(a)anthracene	370.	U	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	360.	U
218-01-9	Chrysene	370.	U	360.	U
117-84-0	Di-n-octyl phthalate	370.	U	360.	U
205-99-2	Benzo(b)fluoranthene	370.	U	360.	U
207-08-9	Benzo(k)fluoranthene	370.	U	360.	U
50-32-8	Benzo(a)pyrene	370.	U	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U	360.	U
53-70-3	Dibenz(a,h)anthracene	370.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	370.	U	360.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	120-S-B001-01		120-S-B002-01		120-S-B002-02		120-S-B003-01		120-S-B004-01		120-S-B004-02	
	ORIGINAL ID ----->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	LAB SAMPLE ID --->	26792.06		26792.01		26792.02		26792.03		27090.06		27090.07	
	ID FROM REPORT -->	120SB00101		120SB00201		120SB00202		120SB00301		120SB00401		120SB00402	
	SAMPLE DATE ----->	08/29/96		08/29/96		08/29/96		08/29/96		09/25/96		09/25/96	
	DATE ANALYZED --->	09/04/96		09/04/96		09/04/96		09/04/96		10/02/96		10/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	27090	VAL	27090	VAL
74-87-3	Chloromethane	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
74-83-9	Bromomethane	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
75-01-4	Vinyl chloride	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
75-00-3	Chloroethane	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
75-09-2	Methylene chloride	7.	U	6.	U	10.	U	6.	U	6.	U	6.	U
67-64-1	Acetone	69.	U	11.	U	130.	U	26.	U	38.	U	36.	U
75-15-0	Carbon disulfide	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
75-35-4	1,1-Dichloroethene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
67-66-3	Chloroform	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	14.	U	11.	U	28.	U	6.	U	7.	U	7.	U
71-55-6	1,1,1-Trichloroethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	14.	U	11.	U	13.	U	12.	U	11.	UJ	12.	UJ
75-27-4	Bromodichloromethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
79-01-6	Trichloroethene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
124-48-1	Dibromochloromethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
71-43-2	Benzene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	14.	UR	11.	UR	13.	UR	12.	UR	11.	UR	12.	UR
75-25-2	Bromoform	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
591-78-6	2-Hexanone	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U	11.	U	13.	U	12.	U	11.	U	12.	U
127-18-4	Tetrachloroethene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
108-88-3	Toluene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
108-90-7	Chlorobenzene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
100-41-4	Ethylbenzene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
100-42-5	Styrene	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	7.	U	5.	U	7.	U	6.	U	6.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

SW846-VOA									
	SAMPLE ID ------->	120-S-B005-01		120-S-B006-01					
	ORIGINAL ID ----->	120SB00501		120SB00601					
	LAB SAMPLE ID --->	27090.03		27065.01					
	ID FROM REPORT -->	120SB00501		120SB00601					
	SAMPLE DATE ----->	09/25/96		09/24/96					
	DATE ANALYZED --->	10/02/96		09/27/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	27090	VAL	27065	VAL				
74-87-3	Chloromethane	11.	U	11.	U				
74-83-9	Bromomethane	11.	U	11.	U				
75-01-4	Vinyl chloride	11.	U	11.	U				
75-00-3	Chloroethane	11.	U	11.	U				
75-09-2	Methylene chloride	6.	U	5.	U				
67-64-1	Acetone	47.	U	14.	U				
75-15-0	Carbon disulfide	6.	U	5.	U				
75-35-4	1,1-Dichloroethene	6.	U	5.	U				
75-34-3	1,1-Dichloroethane	6.	U	5.	U				
540-59-0	1,2-Dichloroethene (total)	6.	U	5.	U				
67-66-3	Chloroform	6.	U	5.	U				
107-06-2	1,2-Dichloroethane	6.	U	5.	U				
78-93-3	2-Butanone (MEK)	7.	U	11.	U				
71-55-6	1,1,1-Trichloroethane	6.	U	5.	U				
56-23-5	Carbon tetrachloride	6.	U	5.	U				
108-05-4	Vinyl acetate	11.	UJ	11.	U				
75-27-4	Bromodichloromethane	6.	U	5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	5.	U				
78-87-5	1,2-Dichloropropane	6.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	6.	U	5.	U				
79-01-6	Trichloroethene	6.	U	5.	U				
124-48-1	Dibromochloromethane	6.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	6.	U	5.	U				
71-43-2	Benzene	6.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	6.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	11.	UR	11.	U				
75-25-2	Bromoform	6.	U	5.	U				
591-78-6	2-Hexanone	11.	U	11.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U				
127-18-4	Tetrachloroethene	6.	U	5.	U				
108-88-3	Toluene	6.	U	5.	U				
108-90-7	Chlorobenzene	6.	U	5.	U				
100-41-4	Ethylbenzene	6.	U	5.	U				
100-42-5	Styrene	6.	U	5.	U				
1330-20-7	Xylene (Total)	6.	U	5.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 120 SOIL SAMPLES

TOC

SAMPLE ID ------->	120-S-W002-04
ORIGINAL ID ----->	120SW00204
LAB SAMPLE ID --->	28298.01
ID FROM REPORT -->	120SW00204
SAMPLE DATE ----->	01/24/97
DATE ANALYZED --->	02/05/97
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	28298
9999900-01-4	Total Organic Carbon (TOC)	42800.

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	628-S-B002-P1					
	ORIGINAL ID ----->	628SB002P1					
	LAB SAMPLE ID --->	28312.05					
	ID FROM REPORT -->	628SB002P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	44.8					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

PH							
	SAMPLE ID ------->	628-S-B002-P1					
	ORIGINAL ID ----->	628SB002P1					
	LAB SAMPLE ID --->	28312.05					
	ID FROM REPORT -->	628SB002P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/14/97					
	MATRIX ---------->	Soil					
	UNITS ----------->	SU					
CAS #	Parameter	28298					
9999900-09-4	pH	8.2					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	628-S-B001-01		628-S-B001-02		628-S-B002-01		628-S-B002-02		628-S-B003-01		628-S-B003-02	
	ORIGINAL ID ----->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	LAB SAMPLE ID --->	27159.01		27159.02		27159.03		27159.04		27159.05		27159.06	
	ID FROM REPORT -->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/09/96		10/09/96		10/09/96		10/09/96		10/09/96		10/09/96	
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96		10/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL
7429-90-5	Aluminum (Al)	5590.		5150.		3130.		8010.		4450.		10200.	
7440-36-0	Antimony (Sb)	0.64	J	0.57	J	0.34	U	0.5	J	0.33	U	0.39	U
7440-38-2	Arsenic (As)	7.4		10.8		1.4		7.5		6.2		10.	
7440-39-3	Barium (Ba)	17.1		16.5		11.		28.2		23.1		44.4	
7440-41-7	Beryllium (Be)	0.36	U	0.47	U	0.18	U	0.49	U	0.37	U	0.62	U
7440-43-9	Cadmium (Cd)	0.31	J	0.42	J	0.2	J	0.34	J	0.33	J	0.32	J
7440-70-2	Calcium (Ca)	11300.		5460.		80600.		9520.		69400.		15500.	
7440-47-3	Chromium (Cr)	22.2		22.4		5.4		24.4		14.9		24.4	
7440-48-4	Cobalt (Co)	2.2	J	3.1		0.86	J	2.7		2.	J	3.1	
7440-50-8	Copper (Cu)	22.5	U	28.3	U	6.	U	20.9	U	27.6	U	32.1	U
7439-89-6	Iron (Fe)	8090.		11000.		2780.		11500.		7040.		14400.	
7439-92-1	Lead (Pb)	97.		57.6		11.2		76.5		53.8		98.	
7439-95-4	Magnesium (Mg)	1250.		1450.		1260.		1660.		1880.		2360.	
7439-96-5	Manganese (Mn)	120.		171.		67.3		158.		146.		175.	
7439-97-6	Mercury (Hg)	0.19		0.26		0.04		0.4		0.1		0.31	
7440-02-0	Nickel (Ni)	6.8		10.		4.4		6.7		7.1		8.3	
7440-09-7	Potassium (K)	530.	J	649.	J	225.	U	770.		511.	J	1080.	
7782-49-2	Selenium (Se)	0.52	J	0.5	J	0.34	U	0.38	J	0.62		0.8	
7440-22-4	Silver (Ag)	0.22	U	0.29	U	0.21	U	0.24	U	0.21	U	0.25	U
7440-23-5	Sodium (Na)	438.	U	558.	U	227.	U	380.	U	925.	U	1660.	U
7440-28-0	Thallium (Tl)	0.4	UJ	0.51	UJ	0.38	UJ	0.47	J	0.38	UJ	0.44	UJ
7440-31-5	Tin (Sn)	3.1	U	2.5	U	0.71	U	2.4	U	3.	U	4.2	U
7440-62-2	Vanadium (V)	15.8		18.3		4.3		22.6		12.3		29.1	
7440-66-6	Zinc (Zn)	88.5		145.		24.5		161.		79.5		144.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-META										
	SAMPLE ID ------->	628-S-B004-01		628-S-B005-01		628-S-B005-02				
	ORIGINAL ID ----->	628SB00401		628SB00501		628SB00502				
	LAB SAMPLE ID --->	27159.07		27159.08		27159.09				
	ID FROM REPORT -->	628SB00401		628SB00501		628SB00502				
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96				
	DATE EXTRACTED -->	10/09/96		10/09/96		10/09/96				
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL			
7429-90-5	Aluminum (Al)	10600.		5150.		15800.				
7440-36-0	Antimony (Sb)	0.39	U	0.34	U	0.47	U			
7440-38-2	Arsenic (As)	21.		6.4		19.4				
7440-39-3	Barium (Ba)	38.5		16.9		29.2				
7440-41-7	Beryllium (Be)	0.48	U	0.31	U	1.3				
7440-43-9	Cadmium (Cd)	0.05	U	0.17	J	0.06	U			
7440-70-2	Calcium (Ca)	7080.		5970.		11700.				
7440-47-3	Chromium (Cr)	44.7		18.6		32.6				
7440-48-4	Cobalt (Co)	2.1	J	2.	J	6.6				
7440-50-8	Copper (Cu)	67.2	U	14.9	U	25.9	U			
7439-89-6	Iron (Fe)	23900.		6640.		30600.				
7439-92-1	Lead (Pb)	63.7		48.9		42.9				
7439-95-4	Magnesium (Mg)	2560.		798.		4810.				
7439-96-5	Manganese (Mn)	55.4		95.1		655.				
7439-97-6	Mercury (Hg)	0.16		0.19		0.17				
7440-02-0	Nickel (Ni)	5.		11.4		10.9				
7440-09-7	Potassium (K)	2330.		396.	J	2490.				
7782-49-2	Selenium (Se)	1.4		0.38	J	1.8				
7440-22-4	Silver (Ag)	0.25	U	0.22	U	0.3	U			
7440-23-5	Sodium (Na)	324.	U	462.	U	3650.	U			
7440-28-0	Thallium (Tl)	0.44	UJ	0.39	UJ	0.53	UJ			
7440-31-5	Tin (Sn)	3.6	U	1.4	U	2.6	U			
7440-62-2	Vanadium (V)	37.9		12.1		59.9				
7440-66-6	Zinc (Zn)	91.6		81.4		101.				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	628-S-B001-01		628-S-B001-02		628-S-B002-01		628-S-B002-02		628-S-B003-01		628-S-B003-02	
	ORIGINAL ID ----->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	LAB SAMPLE ID --->	27159.01		27159.02		27159.03		27159.04		27159.05		27159.06	
	ID FROM REPORT -->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		10/02/96		10/02/96		10/02/96		10/02/96	
	DATE ANALYZED --->	10/22/96		10/22/96		10/22/96		10/18/96		10/22/96		10/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL
108-95-2	Phenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
95-57-8	2-Chlorophenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
541-73-1	1,3-Dichlorobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
106-46-7	1,4-Dichlorobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
100-51-6	Benzyl alcohol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
95-50-1	1,2-Dichlorobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
67-72-1	Hexachloroethane	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
98-95-3	Nitrobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
78-59-1	Isophorone	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
88-75-5	2-Nitrophenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
105-67-9	2,4-Dimethylphenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
65-85-0	Benzoic acid	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
120-83-2	2,4-Dichlorophenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	76.	J
91-20-3	Naphthalene	390.	U	500.	U	370.	U	410.	U	370.	U	44.	J
106-47-8	4-Chloroaniline	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
87-68-3	Hexachlorobutadiene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
91-57-6	2-Methylnaphthalene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
91-58-7	2-Chloronaphthalene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
88-74-4	2-Nitroaniline	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
131-11-3	Dimethyl phthalate	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
208-96-8	Acenaphthylene	390.	U	500.	U	370.	U	410.	U	370.	U	69.	J
99-09-2	3-Nitroaniline	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
83-32-9	Acenaphthene	390.	U	500.	U	370.	U	52.	J	370.	U	86.	J
51-28-5	2,4-Dinitrophenol	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
100-02-7	4-Nitrophenol	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	628-S-B001-01		628-S-B001-02		628-S-B002-01		628-S-B002-02		628-S-B003-01		628-S-B003-02	
	ORIGINAL ID ----->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	LAB SAMPLE ID --->	27159.01		27159.02		27159.03		27159.04		27159.05		27159.06	
	ID FROM REPORT -->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		10/02/96		10/02/96		10/02/96		10/02/96	
	DATE ANALYZED --->	10/22/96		10/22/96		10/22/96		10/18/96		10/22/96		10/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL
132-64-9	Dibenzofuran	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
121-14-2	2,4-Dinitrotoluene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
606-20-2	2,6-Dinitrotoluene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
84-66-2	Diethylphthalate	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
86-73-7	Fluorene	390.	U	500.	U	370.	U	48.	J	370.	U	430.	U
100-01-6	4-Nitroaniline	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
118-74-1	Hexachlorobenzene	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
87-86-5	Pentachlorophenol	1900.	U	2400.	U	1800.	U	2000.	U	1800.	U	2100.	U
85-01-8	Phenanthrene	100.	J	180.	J	370.	U	1100.		260.	J	130.	J
120-12-7	Anthracene	60.	J	56.	J	370.	U	130.	J	75.	J	110.	J
84-74-2	Di-n-butylphthalate	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
206-44-0	Fluoranthene	190.	J	340.	J	370.	U	2100.		710.		560.	
129-00-0	Pyrene	160.	J	270.	J	370.	U	1400.		600.		480.	
85-68-7	Butylbenzylphthalate	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	1000.	U	740.	U	810.	U	730.	U	870.	U
56-55-3	Benzo(a)anthracene	140.	J	140.	J	54.	J	330.	J	260.	J	230.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	500.	U	370.	U	610.	U	370.	U	430.	U
218-01-9	Chrysene	250.	J	180.	J	53.	J	540.		300.	J	280.	J
117-84-0	Di-n-octyl phthalate	390.	U	500.	U	370.	U	410.	U	370.	U	430.	U
205-99-2	Benzo(b)fluoranthene	250.	J	220.	J	76.	J	250.	J	210.	J	190.	J
207-08-9	Benzo(k)fluoranthene	230.	J	500.	U	79.	J	350.	J	150.	J	260.	J
50-32-8	Benzo(a)pyrene	270.	J	160.	J	66.	J	280.	J	210.	J	270.	J
193-39-5	Indeno(1,2,3-cd)pyrene	220.	J	100.	J	50.	J	170.	J	110.	J	180.	J
53-70-3	Dibenz(a,h)anthracene	120.	J	55.	J	370.	U	410.	U	56.	J	77.	J
191-24-2	Benzo(g,h,i)perylene	300.	J	130.	J	54.	J	150.	J	110.	J	190.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	628-S-B004-01		628-S-B005-01		628-S-B005-02					
	ORIGINAL ID ----->	628SB00401		628SB00501		628SB00502					
	LAB SAMPLE ID --->	27159.07		27159.08		27159.09					
	ID FROM REPORT -->	628SB00401		628SB00501		628SB00502					
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96					
	DATE EXTRACTED -->	10/02/96		10/02/96		10/02/96					
	DATE ANALYZED --->	10/18/96		10/22/96		10/18/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL				
108-95-2	Phenol	430.	U	380.	U	520.	U				
111-44-4	bis(2-Chloroethyl)ether	430.	U	380.	U	520.	U				
95-57-8	2-Chlorophenol	430.	U	380.	U	520.	U				
541-73-1	1,3-Dichlorobenzene	430.	U	380.	U	520.	U				
106-46-7	1,4-Dichlorobenzene	430.	U	380.	U	520.	U				
100-51-6	Benzyl alcohol	430.	U	380.	U	520.	U				
95-50-1	1,2-Dichlorobenzene	430.	U	380.	U	520.	U				
95-48-7	2-Methylphenol (o-Cresol)	430.	U	380.	U	520.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	430.	U	380.	U	520.	U				
106-44-5	4-Methylphenol (p-Cresol)	430.	U	380.	U	520.	U				
621-64-7	N-Nitroso-di-n-propylamine	430.	U	380.	U	520.	U				
67-72-1	Hexachloroethane	430.	U	380.	U	520.	U				
98-95-3	Nitrobenzene	430.	U	380.	U	520.	U				
78-59-1	Isophorone	430.	U	380.	U	520.	U				
88-75-5	2-Nitrophenol	430.	U	380.	U	520.	U				
105-67-9	2,4-Dimethylphenol	430.	U	380.	U	520.	U				
65-85-0	Benzoic acid	2100.	U	1800.	U	2500.	U				
111-91-1	bis(2-Chloroethoxy)methane	430.	U	380.	U	520.	U				
120-83-2	2,4-Dichlorophenol	430.	U	380.	U	520.	U				
120-82-1	1,2,4-Trichlorobenzene	430.	U	380.	U	520.	U				
91-20-3	Naphthalene	430.	U	380.	U	520.	U				
106-47-8	4-Chloroaniline	430.	U	380.	U	520.	U				
87-68-3	Hexachlorobutadiene	430.	U	380.	U	520.	U				
59-50-7	4-Chloro-3-methylphenol	430.	U	380.	U	520.	U				
91-57-6	2-Methylnaphthalene	430.	U	42.	J	520.	U				
77-47-4	Hexachlorocyclopentadiene	430.	U	380.	U	520.	U				
88-06-2	2,4,6-Trichlorophenol	430.	U	380.	U	520.	U				
95-95-4	2,4,5-Trichlorophenol	2100.	U	1800.	U	2500.	U				
91-58-7	2-Chloronaphthalene	430.	U	380.	U	520.	U				
88-74-4	2-Nitroaniline	2100.	U	1800.	U	2500.	U				
131-11-3	Dimethyl phthalate	430.	U	380.	U	520.	U				
208-96-8	Acenaphthylene	73.	J	60.	J	520.	U				
99-09-2	3-Nitroaniline	2100.	U	1800.	U	2500.	U				
83-32-9	Acenaphthene	430.	U	380.	U	520.	U				
51-28-5	2,4-Dinitrophenol	2100.	U	1800.	U	2500.	U				
100-02-7	4-Nitrophenol	2100.	U	1800.	U	2500.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	628-S-B004-01		628-S-B005-01		628-S-B005-02					
	ORIGINAL ID ----->	628SB00401		628SB00501		628SB00502					
	LAB SAMPLE ID --->	27159.07		27159.08		27159.09					
	ID FROM REPORT -->	628SB00401		628SB00501		628SB00502					
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96					
	DATE EXTRACTED -->	10/02/96		10/02/96		10/02/96					
	DATE ANALYZED --->	10/18/96		10/22/96		10/18/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL				
132-64-9	Dibenzofuran	430.	U	380.	U	520.	U				
121-14-2	2,4-Dinitrotoluene	430.	U	380.	U	520.	U				
606-20-2	2,6-Dinitrotoluene	430.	U	380.	U	520.	U				
84-66-2	Diethylphthalate	430.	U	380.	U	520.	U				
7005-72-3	4-Chlorophenylphenylether	430.	U	380.	U	520.	U				
86-73-7	Fluorene	430.	U	380.	U	520.	U				
100-01-6	4-Nitroaniline	2100.	U	1800.	U	2500.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U	1800.	U	2500.	U				
86-30-6	N-Nitrosodiphenylamine	430.	U	380.	U	520.	U				
101-55-3	4-Bromophenyl-phenylether	430.	U	380.	U	520.	U				
118-74-1	Hexachlorobenzene	430.	U	380.	U	520.	U				
87-86-5	Pentachlorophenol	2100.	U	1800.	U	2500.	U				
85-01-8	Phenanthrene	450.		69.	J	26.	J				
120-12-7	Anthracene	170.	J	98.	J	22.	J				
84-74-2	Di-n-butylphthalate	430.	U	380.	U	24.	J				
206-44-0	Fluoranthene	2100.		180.	J	100.	J				
129-00-0	Pyrene	1400.		160.	J	78.	J				
85-68-7	Butylbenzylphthalate	430.	U	380.	U	520.	U				
91-94-1	3,3'-Dichlorobenzidine	860.	U	750.	U	1000.	U				
56-55-3	Benzo(a)anthracene	170.	J	120.	J	520.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U	380.	U	520.	U				
218-01-9	Chrysene	650.		180.	J	89.	J				
117-84-0	Di-n-octyl phthalate	430.	U	380.	U	520.	U				
205-99-2	Benzo(b)fluoranthene	320.	J	210.	J	74.	J				
207-08-9	Benzo(k)fluoranthene	250.	J	200.	J	64.	J				
50-32-8	Benzo(a)pyrene	150.	J	200.	J	73.	J				
193-39-5	Indeno(1,2,3-cd)pyrene	110.	J	150.	J	520.	U				
53-70-3	Dibenz(a,h)anthracene	46.	J	86.	J	520.	U				
191-24-2	Benzo(g,h,i)perylene	110.	J	190.	J	520.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	628-S-B001-01		628-S-B001-02		628-S-B002-01		628-S-B002-02		628-S-B003-01		628-S-B003-02	
	ORIGINAL ID ----->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	LAB SAMPLE ID --->	27159.01		27159.02		27159.03		27159.04		27159.05		27159.06	
	ID FROM REPORT -->	628SB00101		628SB00102		628SB00201		628SB00202		628SB00301		628SB00302	
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/10/96		10/14/96		10/10/96		10/13/96		10/10/96		10/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL	27159	VAL
74-87-3	Chloromethane	12.	U	15.	U	11.	U	12.	UJ	11.	U	13.	U
74-83-9	Bromomethane	12.	U	15.	U	11.	U	12.	UJ	11.	U	13.	U
75-01-4	Vinyl chloride	12.	U	15.	U	11.	U	12.	UJ	11.	U	13.	U
75-00-3	Chloroethane	12.	U	15.	U	11.	U	12.	UJ	11.	U	13.	U
75-09-2	Methylene chloride	6.	U	32.		5.	U	7.	UJ	7.	U	16.	U
67-64-1	Acetone	32.	U	110.	U	11.	U	310.	U	11.	U	190.	U
75-15-0	Carbon disulfide	6.	U	8.	U	6.	U	1.	J	6.	U	2.	J
75-35-4	1,1-Dichloroethene	6.	U	8.	U	6.	U	6.	UJ	6.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	8.	U	6.	U	6.	UJ	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	8.	U	6.	U	6.	UJ	6.	U	6.	U
67-66-3	Chloroform	6.	U	8.	U	6.	U	6.	UJ	6.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	8.	U	6.	U	6.	UJ	6.	U	6.	U
78-93-3	2-Butanone (MEK)	12.	U	15.	U	11.	U	44.	J	10.	U	35.	U
71-55-6	1,1,1-Trichloroethane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
56-23-5	Carbon tetrachloride	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
108-05-4	Vinyl acetate	12.	U	15.	U	11.	U	12.	UJ	11.	UJ	13.	U
75-27-4	Bromodichloromethane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
78-87-5	1,2-Dichloropropane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
79-01-6	Trichloroethene	6.	U	8.	U	2.	J	6.	UJ	6.	UJ	6.	U
124-48-1	Dibromochloromethane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
71-43-2	Benzene	6.	U	8.	U	2.	J	6.	UJ	6.	UJ	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR	15.	U	11.	UR	12.	UJ	11.	UR	13.	UR
75-25-2	Bromoform	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
591-78-6	2-Hexanone	12.	U	15.	U	11.	U	12.	UJ	11.	UJ	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	15.	U	11.	U	12.	UJ	11.	UJ	13.	U
127-18-4	Tetrachloroethene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
108-88-3	Toluene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
108-90-7	Chlorobenzene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
100-41-4	Ethylbenzene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
100-42-5	Styrene	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U
1330-20-7	Xylene (Total)	6.	U	8.	U	6.	U	6.	UJ	6.	UJ	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

SW846-VOA											
	SAMPLE ID ------->	628-S-B004-01		628-S-B005-01		628-S-B005-02					
	ORIGINAL ID ----->	628SB00401		628SB00501		628SB00502					
	LAB SAMPLE ID --->	27159.07		27159.08		27159.09					
	ID FROM REPORT -->	628SB00401		628SB00501		628SB00502					
	SAMPLE DATE ----->	10/01/96		10/01/96		10/01/96					
	DATE ANALYZED --->	10/10/96		10/14/96		10/14/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	27159	VAL	27159	VAL	27159	VAL				
74-87-3	Chloromethane	13.	U	11.	U	78.	U				
74-83-9	Bromomethane	13.	U	11.	U	78.	U				
75-01-4	Vinyl chloride	13.	U	11.	U	78.	U				
75-00-3	Chloroethane	13.	U	11.	U	78.	U				
75-09-2	Methylene chloride	6.	U	29.	U	39.	U				
67-64-1	Acetone	16.	U	13.	U	770.	U				
75-15-0	Carbon disulfide	6.	U	6.	U	39.	U				
75-35-4	1,1-Dichloroethene	6.	U	6.	U	39.	U				
75-34-3	1,1-Dichloroethane	6.	U	6.	U	39.	U				
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	39.	U				
67-66-3	Chloroform	6.	U	6.	U	39.	U				
107-06-2	1,2-Dichloroethane	6.	U	6.	U	39.	U				
78-93-3	2-Butanone (MEK)	13.	U	11.	U	170.	U				
71-55-6	1,1,1-Trichloroethane	6.	UJ	6.	U	39.	U				
56-23-5	Carbon tetrachloride	6.	UJ	6.	U	39.	U				
108-05-4	Vinyl acetate	13.	UJ	11.	U	78.	U				
75-27-4	Bromodichloromethane	6.	UJ	6.	U	39.	U				
79-34-5	1,1,2,2-Tetrachloroethane	6.	UJ	6.	U	39.	U				
78-87-5	1,2-Dichloropropane	6.	UJ	6.	U	39.	U				
10061-02-6	trans-1,3-Dichloropropene	6.	UJ	6.	U	39.	U				
79-01-6	Trichloroethene	6.	UJ	6.	U	39.	U				
124-48-1	Dibromochloromethane	6.	UJ	6.	U	39.	U				
79-00-5	1,1,2-Trichloroethane	6.	UJ	6.	U	39.	U				
71-43-2	Benzene	6.	UJ	6.	U	39.	U				
10061-01-5	cis-1,3-Dichloropropene	6.	UJ	6.	U	39.	U				
110-75-8	2-Chloroethyl vinyl ether	13.	UR	11.	U	78.	UR				
75-25-2	Bromoform	6.	UJ	6.	U	39.	U				
591-78-6	2-Hexanone	13.	UJ	11.	U	78.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	UJ	11.	U	78.	U				
127-18-4	Tetrachloroethene	6.	UJ	6.	U	39.	U				
108-88-3	Toluene	6.	UJ	6.	U	39.	U				
108-90-7	Chlorobenzene	6.	UJ	6.	U	39.	U				
100-41-4	Ethylbenzene	6.	UJ	6.	U	39.	U				
100-42-5	Styrene	6.	UJ	6.	U	39.	U				
1330-20-7	Xylene (Total)	6.	UJ	6.	U	39.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 628 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	628-S-B002-P1					
	ORIGINAL ID ----->	628SB002P1					
	LAB SAMPLE ID --->	28312.05					
	ID FROM REPORT -->	628SB002P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ----------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	23400.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	633-S-B009-P1					
	ORIGINAL ID ----->	633SB009P1					
	LAB SAMPLE ID --->	28312.04					
	ID FROM REPORT -->	633SB009P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	24.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

PH		
	SAMPLE ID ------->	633-S-B009-P1
	ORIGINAL ID ----->	633SB009P1
	LAB SAMPLE ID --->	28312.04
	ID FROM REPORT -->	633SBD09P1
	SAMPLE DATE ----->	01/28/97
	DATE ANALYZED --->	02/14/97
	MATRIX ---------->	Soil
	UNITS ---------->	SU
CAS #	Parameter	28298
9999900-09-4	pH	8.01

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	633-S-B001-01		633-S-B001-02		633-S-B002-01		633-S-B002-02		633-S-B003-01		633-S-B003-02	
	ORIGINAL ID ----->	633SB00101		633SB00102		633SB00201		633SB00202		633SB00301		633SB00302	
	LAB SAMPLE ID --->	27178.03		27178.04		27178.05		27178.06		27178.10		27178.11	
	ID FROM REPORT -->	633SB00101		633SB00102		633SB00201		633SB00202		633SB00301		633SB00302	
	SAMPLE DATE ----->	10/02/96		10/02/96		10/02/96		10/02/96		10/02/96		10/02/96	
	DATE EXTRACTED -->	10/08/96		10/08/96		10/08/96		10/08/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/29/96		10/29/96		10/29/96		10/29/96		10/24/96		10/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27178	VAL	27178	VAL	27178	VAL	27178	VAL	27178	VAL	27178	VAL
319-84-6	alpha-BHC	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
319-85-7	beta-BHC	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
319-86-8	delta-BHC	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
76-44-8	Heptachlor	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
309-00-2	Aldrin	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
1024-57-3	Heptachlor epoxide	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
959-98-8	Endosulfan I	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
60-57-1	Dieldrin	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
72-55-9	4,4'-DDE	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
72-20-8	Endrin	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
33213-65-9	Endosulfan II	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
72-54-8	4,4'-DDD	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
1031-07-8	Endosulfan sulfate	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
50-29-3	4,4'-DDT	30.		3.7	U	3.4		4.9	U	3.3	U	3.9	U
72-43-5	Methoxychlor	15.	U	19.	U	14.	U	25.	U	17.	U	20.	U
53494-70-5	Endrin ketone	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
7421-93-4	Endrin aldehyde	2.9	U	3.7	U	2.7	U	4.9	U	3.3	U	3.9	U
5103-71-9	alpha-Chlordane	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
5103-74-2	gamma-Chlordane	1.5	U	1.9	U	1.4	U	2.5	U	1.7	U	2.	U
8001-35-2	Toxaphene	98.	U	120.	U	90.	U	160.	U	110.	U	130.	U
12674-11-2	Aroclor-1016	39.	U	49.	U	36.	U	65.	U	44.	U	52.	U
11104-28-2	Aroclor-1221	39.	U	49.	U	36.	U	65.	U	44.	U	52.	U
11141-16-5	Aroclor-1232	39.	U	49.	U	36.	U	65.	U	44.	U	52.	U
53469-21-9	Aroclor-1242	39.	U	49.	U	36.	U	65.	U	44.	U	52.	U
12672-29-6	Aroclor-1248	39.	U	49.	U	36.	U	65.	U	44.	U	52.	U
11097-69-1	Aroclor-1254	79.	U	100.	U	73.	U	130.	U	89.	U	100.	U
11096-82-5	Aroclor-1260	480.		100.	U	41.	J	130.	U	89.	U	100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	633-S-B004-01		633-S-B004-02		633-S-B005-01		633-S-B006-01		633-S-B007-01		633-S-B007-02	
	ORIGINAL ID ----->	633SB00401		633SB00402		633SB00501		633SB00601		633SB00701		633SB00702	
	LAB SAMPLE ID --->	27178.13		27178.14		27178.12		27178.07		27178.08		27178.09	
	ID FROM REPORT -->	633SB00401		633SB00402		633SB00501		633SB00601		633SB00701		633SB00702	
	SAMPLE DATE ----->	10/02/96		10/02/96		10/02/96		10/02/96		10/02/96		10/02/96	
	DATE EXTRACTED -->	10/08/96		10/08/96		10/08/96		10/08/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/24/96		10/24/96		10/24/96		10/29/96		10/24/96		10/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27178	VAL	27178	VAL	27178	VAL	27178	VAL	27178	VAL	27178	VAL
319-84-6	alpha-BHC	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
319-85-7	beta-BHC	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
309-00-2	Aldrin	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
959-98-8	Endosulfan I	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
60-57-1	Dieldrin	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
72-55-9	4,4'-DDE	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	53.	
72-20-8	Endrin	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
33213-65-9	Endosulfan II	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
72-54-8	4,4'-DDD	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
1031-07-8	Endosulfan sulfate	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
50-29-3	4,4'-DDT	2.8	U	15.	U	2.8	U	2.9	U	2.9	U	740.	J
72-43-5	Methoxychlor	14.	U	17.	U	15.	U	15.	U	15.	U	15.	U
53494-70-5	Endrin ketone	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
7421-93-4	Endrin aldehyde	2.8	U	3.3	U	2.8	U	2.9	U	2.9	U	2.9	U
5103-71-9	alpha-Chlordane	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	1.5	U
5103-74-2	gamma-Chlordane	1.4	U	1.7	U	1.5	U	1.5	U	1.5	U	12.	U
8001-35-2	Toxaphene	92.	U	110.	U	94.	U	95.	U	95.	U	98.	U
12674-11-2	Aroclor-1016	37.	U	43.	U	38.	U	38.	U	38.	U	39.	U
11104-28-2	Aroclor-1221	37.	U	43.	U	38.	U	38.	U	38.	U	39.	U
11141-16-5	Aroclor-1232	37.	U	43.	U	38.	U	38.	U	38.	U	39.	U
53469-21-9	Aroclor-1242	37.	U	43.	U	38.	U	38.	U	38.	U	39.	U
12672-29-6	Aroclor-1248	37.	U	43.	U	38.	U	38.	U	38.	U	39.	U
11097-69-1	Aroclor-1254	74.	U	88.	U	76.	U	77.	U	77.	U	79.	U
11096-82-5	Aroclor-1260	74.	U	310.		76.	U	77.	U	77.	U	25000.	D

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	633-S-B008-01		633-S-B008-02		633-S-B009-01		633-S-B009-02		633-S-B010-01		633-S-B010-02	
	ORIGINAL ID ----->	633SB00801		633SB00802		633SB00901		633SB00902		633SB01001		633SB01002	
	LAB SAMPLE ID --->	28103.01		28103.02		28103.03		28103.04		28103.05		28103.06	
	ID FROM REPORT -->	633SB00801		633SB00802		633SB00901		633SB00902		633SB01001		633SB01002	
	SAMPLE DATE ----->	01/07/97		01/07/97		01/07/97		01/07/97		01/07/97		01/07/97	
	DATE EXTRACTED -->	01/09/97		01/09/97		01/09/97		01/09/97		01/09/97		01/09/97	
	DATE ANALYZED --->	01/17/97		01/17/97		01/14/97		01/17/97		01/14/97		01/17/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28103	VAL	28103	VAL	28103	VAL	28103	VAL	28103	VAL	28103	VAL
319-84-6	alpha-BHC	1.4	U	2.1	U	1.4	UR	1.6	U	1.5	UR	1.5	U
319-85-7	beta-BHC	1.4	U	2.1	U	1.4	UR	1.6	U	3.2	UR	1.5	U
319-86-8	delta-BHC	1.4	U	2.1	U	1.4	UR	1.6	U	9.2	UR	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	2.1	U	1.4	UR	1.6	U	1.5	UR	1.5	U
76-44-8	Heptachlor	1.4	U	2.1	U	1.4	UR	1.6	U	1.7	UR	1.5	U
309-00-2	Aldrin	1.4	U	2.1	U	1.4	UR	1.6	U	1.5	UR	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	2.1	U	1.4	UR	1.6	U	19.	J	1.5	U
959-98-8	Endosulfan I	1.4	U	2.1	U	1.4	UR	1.6	U	1.5	UR	1.5	U
60-57-1	Dieldrin	2.8	U	4.	U	2.7	UR	3.1	U	2.9	UR	3.	U
72-55-9	4,4'-DDE	2.8	U	4.	U	2.7	UR	3.1	U	58.	J	3.	U
72-20-8	Endrin	2.8	U	4.	U	2.7	UR	3.1	U	12.	UR	3.	U
33213-65-9	Endosulfan II	2.8	U	4.	U	2.7	UR	3.1	U	2.9	UR	3.	U
72-54-8	4,4'-DDD	2.8	U	4.	U	2.7	UR	3.1	U	68.	J	6.7	
1031-07-8	Endosulfan sulfate	2.8	U	4.	U	2.7	UR	3.1	U	2.9	UR	3.	U
50-29-3	4,4'-DDT	20.	U	4.	U	4.	J	3.1	U	21.	J	3.	U
72-43-5	Methoxychlor	14.	U	21.	U	14.	UR	16.	U	15.	UR	15.	U
53494-70-5	Endrin ketone	2.8	U	4.	U	2.7	UR	3.1	U	2.9	UR	3.	U
7421-93-4	Endrin aldehyde	2.8	U	4.	U	2.7	UR	3.1	U	2.9	UR	3.	U
5103-71-9	alpha-Chlordane	1.4	U	2.1	U	1.4	UR	2.9		450.	D	8.7	
5103-74-2	gamma-Chlordane	1.4	U	2.1	U	1.4	UR	3.1		420.	DJ	9.3	
8001-35-2	Toxaphene	92.	U	130.	U	90.	UR	100.	U	95.	UR	99.	U
12674-11-2	Aroclor-1016	37.	U	53.	U	36.	UR	41.	U	38.	UR	39.	U
11104-28-2	Aroclor-1221	37.	U	53.	U	36.	UR	41.	U	38.	UR	39.	U
11141-16-5	Aroclor-1232	37.	U	53.	U	36.	UR	41.	U	38.	UR	39.	U
53469-21-9	Aroclor-1242	37.	U	53.	U	36.	UR	41.	U	38.	UR	39.	U
12672-29-6	Aroclor-1248	37.	U	53.	U	36.	UR	41.	U	38.	UR	39.	U
11097-69-1	Aroclor-1254	74.	U	110.	U	73.	UR	84.	U	77.	UR	80.	U
11096-82-5	Aroclor-1260	100.	J	110.	U	73.	UR	28.	U	77.	UR	80.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 633 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	633-S-B009-P1					
	ORIGINAL ID ----->	633SB009P1					
	LAB SAMPLE ID --->	28312.04					
	ID FROM REPORT -->	633SB009P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ----------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	10400.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 634 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	634-S-B001-01		634-S-B001-02		634-S-B002-01		634-S-B002-02		634-S-B003-01		634-S-B003-02	
	ORIGINAL ID ----->	634SB00101		634SB00102		634SB00201		634SB00202		634SB00301		634SB00302	
	LAB SAMPLE ID --->	27202.01		27202.08		27202.02		27202.03		27202.04		27202.05	
	ID FROM REPORT -->	634SB00101		634SB00102		634SB00201		634SB00202		634SB00301		634SB00302	
	SAMPLE DATE ----->	10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	DATE EXTRACTED -->	10/13/96		10/13/96		10/13/96		10/13/96		10/13/96		10/13/96	
	DATE ANALYZED --->	10/21/96		10/21/96		10/21/96		10/21/96		10/21/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27202	VAL	27202	VAL	27202	VAL	27202	VAL	27202	VAL	27202	VAL
7429-90-5	Aluminum (Al)	5010.		4950.		4930.		5740.		5250.		15700.	
7440-36-0	Antimony (Sb)	0.34	U	0.41	U	0.35	U	0.42	J	0.33	U	0.52	U
7440-38-2	Arsenic (As)	2.1		5.9		4.5		10.4		1.7		28.	
7440-39-3	Barium (Ba)	13.5		17.6		15.9		20.8		18.5		28.3	
7440-41-7	Beryllium (Be)	0.16	J	0.52		0.32		0.62		0.15	J	1.2	
7440-43-9	Cadmium (Cd)	0.06	J	0.25	J	0.27	J	0.31	J	0.04	U	0.07	U
7440-70-2	Calcium (Ca)	27700.		104000.		95400.		74200.		22800.		12900.	
7440-47-3	Chromium (Cr)	7.5		27.2		12.5		32.6		7.4		34.3	
7440-48-4	Cobalt (Co)	2.	J	1.2	J	1.5	J	1.5	J	3.5		6.7	
7440-50-8	Copper (Cu)	10.2		8.3		15.2		11.5		4.6		25.3	
7439-89-6	Iron (Fe)	4380.		6120.		5390.		5450.		4570.		25700.	
7439-92-1	Lead (Pb)	9.5	J	18.	J	19.	J	19.9	J	7.	J	40.8	J
7439-95-4	Magnesium (Mg)	653.		3160.		1960.		2670.		817.		5410.	
7439-96-5	Manganese (Mn)	35.6		69.8		114.		56.		46.2		212.	
7439-97-6	Mercury (Hg)	0.05		0.22		0.13		0.09		0.05		0.19	
7440-02-0	Nickel (Ni)	3.3	U	8.8		6.6		10.6		3.6	J	11.9	
7440-09-7	Potassium (K)	225.	U	713.		375.	J	735.		223.	U	2510.	
7782-49-2	Selenium (Se)	0.34	U	1.3		0.35	U	1.9		0.35	J	1.2	
7440-22-4	Silver (Ag)	2.5		0.26	U	0.22	U	0.24	U	0.21	U	0.33	U
7440-23-5	Sodium (Na)	386.	U	2940.		670.		2620.		603.		7040.	
7440-28-0	Thallium (Tl)	0.38	U	0.47	U	0.4	U	0.42	U	0.38	U	0.66	J
7440-31-5	Tin (Sn)	1.4	U	3.3	U	1.7	U	1.9	U	1.	U	2.1	U
7440-62-2	Vanadium (V)	9.7		16.7		12.6		19.1		12.9		65.6	
7440-66-6	Zinc (Zn)	33.8		41.9		55.4		51.7		11.8	U	98.1	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 634 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	634-S-B001-01		634-S-B001-02		634-S-B002-01		634-S-B002-02		634-S-B003-01		634-S-B003-02	
	ORIGINAL ID ----->	634SB00101		634SB00102		634SB00201		634SB00202		634SB00301		634SB00302	
	LAB SAMPLE ID --->	27202.01		27202.08		27202.02		27202.03		27202.04		27202.05	
	ID FROM REPORT -->	634SB00101		634SB00102		634SB00201		634SB00202		634SB00301		634SB00302	
	SAMPLE DATE ----->	10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/14/96		10/15/96		10/12/96		10/12/96		10/12/96		10/14/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27202	VAL	27202	VAL	27202	VAL	27202	VAL	27202	VAL	27202	VAL
74-87-3	Chloromethane	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
74-83-9	Bromomethane	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
75-01-4	Vinyl chloride	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
75-00-3	Chloroethane	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
75-09-2	Methylene chloride	6.	U	19.	U	7.	U	7.	U	6.	U	11.	U
67-64-1	Acetone	68.	U	30.	U	46.	U	77.	U	29.	U	590.	U
75-15-0	Carbon disulfide	6.	U	7.	U	6.	U	6.	U	6.	U	6.	J
75-35-4	1,1-Dichloroethene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
75-34-3	1,1-Dichloroethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
67-66-3	Chloroform	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
107-06-2	1,2-Dichloroethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
78-93-3	2-Butanone (MEK)	9.	U	7.	U	12.	U	23.	U	11.	U	150.	U
71-55-6	1,1,1-Trichloroethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
56-23-5	Carbon tetrachloride	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
108-05-4	Vinyl acetate	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
75-27-4	Bromodichloromethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
78-87-5	1,2-Dichloropropane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
79-01-6	Trichloroethene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
124-48-1	Dibromochloromethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
79-00-5	1,1,2-Trichloroethane	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
71-43-2	Benzene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	14.	UJ	12.	U	12.	U	11.	U	17.	UR
75-25-2	Bromoform	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
591-78-6	2-Hexanone	11.	U	14.	U	12.	U	12.	U	11.	U	17.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	14.	U	12.	U	12.	U	11.	U	17.	UJ
127-18-4	Tetrachloroethene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	U
108-88-3	Toluene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	UJ
108-90-7	Chlorobenzene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	UJ
100-41-4	Ethylbenzene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	UJ
100-42-5	Styrene	6.	U	7.	U	6.	U	6.	U	6.	U	9.	UJ
1330-20-7	Xylene (Total)	6.	U	7.	U	6.	U	6.	U	6.	U	9.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 635 SOIL SAMPLES

SW846-META

SAMPLE ID ------->	635-S-B001-01
ORIGINAL ID ----->	635SB00101
LAB SAMPLE ID --->	27202.07
ID FROM REPORT -->	635SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/13/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27202	VAL
7429-90-5	Aluminum (Al)	12700.	
7440-36-0	Antimony (Sb)	0.38	U
7440-38-2	Arsenic (As)	14.7	
7440-39-3	Barium (Ba)	63.7	
7440-41-7	Beryllium (Be)	0.51	
7440-43-9	Cadmium (Cd)	0.05	U
7440-70-2	Calcium (Ca)	2060.	
7440-47-3	Chromium (Cr)	25.	
7440-48-4	Cobalt (Co)	8.7	
7440-50-8	Copper (Cu)	1.7	U
7439-89-6	Iron (Fe)	28000.	
7439-92-1	Lead (Pb)	12.5	J
7439-95-4	Magnesium (Mg)	1260.	
7439-96-5	Manganese (Mn)	31.9	
7439-97-6	Mercury (Hg)	0.05	
7440-02-0	Nickel (Ni)	3.5	J
7440-09-7	Potassium (K)	1020.	
7782-49-2	Selenium (Se)	1.6	
7440-22-4	Silver (Ag)	0.24	U
7440-23-5	Sodium (Na)	1260.	
7440-28-0	Thallium (Tl)	0.89	J
7440-31-5	Tin (Sn)	2.1	U
7440-62-2	Vanadium (V)	43.7	
7440-66-6	Zinc (Zn)	28.8	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 635 SOIL SAMPLES

SW846-PEST

SAMPLE ID ------->	635-S-B001-01
ORIGINAL ID ----->	635SB00101
LAB SAMPLE ID --->	27202.07
ID FROM REPORT -->	635SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.2	U
72-55-9	4,4'-DDE	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
1031-07-8	Endosulfan sulfate	3.2	U
50-29-3	4,4'-DDT	3.2	U
72-43-5	Methoxychlor	17.	U
53494-70-5	Endrin ketone	3.2	U
7421-93-4	Endrin aldehyde	3.2	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 635 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	635-S-B001-01
ORIGINAL ID ----->	635SB00101
LAB SAMPLE ID --->	27202.07
ID FROM REPORT -->	635SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
108-95-2	Phenol	420.	U
111-44-4	bis(2-Chloroethyl)ether	420.	U
95-57-8	2-Chlorophenol	420.	U
541-73-1	1,3-Dichlorobenzene	420.	U
106-46-7	1,4-Dichlorobenzene	420.	U
100-51-6	Benzyl alcohol	420.	U
95-50-1	1,2-Dichlorobenzene	420.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U
621-64-7	N-Nitroso-di-n-propylamine	420.	U
67-72-1	Hexachloroethane	420.	U
98-95-3	Nitrobenzene	420.	U
78-59-1	Isophorone	420.	U
88-75-5	2-Nitrophenol	420.	U
105-67-9	2,4-Dimethylphenol	420.	U
65-85-0	Benzoic acid	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U
120-83-2	2,4-Dichlorophenol	420.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U
91-20-3	Naphthalene	420.	U
106-47-8	4-Chloroaniline	420.	U
87-68-3	Hexachlorobutadiene	420.	U
59-50-7	4-Chloro-3-methylphenol	420.	U
91-57-6	2-Methylnaphthalene	420.	U
77-47-4	Hexachlorocyclopentadiene	420.	U
88-06-2	2,4,6-Trichlorophenol	420.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	420.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethyl phthalate	420.	U
208-96-8	Acenaphthylene	420.	U
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	420.	U
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 635 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	635-S-B001-01
ORIGINAL ID ----->	635SB00101
LAB SAMPLE ID --->	27202.07
ID FROM REPORT -->	635SB00101
SAMPLE DATE ----->	10/03/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
132-64-9	Dibenzofuran	420.	U
121-14-2	2,4-Dinitrotoluene	420.	U
606-20-2	2,6-Dinitrotoluene	420.	U
84-66-2	Diethylphthalate	420.	U
7005-72-3	4-Chlorophenylphenylether	420.	U
86-73-7	Fluorene	420.	U
100-01-6	4-Nitroaniline	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	420.	U
101-55-3	4-Bromophenyl-phenylether	420.	U
118-74-1	Hexachlorobenzene	420.	U
87-86-5	Pentachlorophenol	2000.	U
85-01-8	Phenanthrene	260.	J
120-12-7	Anthracene	420.	U
84-74-2	Di-n-butylphthalate	420.	U
206-44-0	Fluoranthene	160.	J
129-00-0	Pyrene	110.	J
85-68-7	Butylbenzylphthalate	420.	U
91-94-1	3,3'-Dichlorobenzidine	850.	U
56-55-3	Benzo(a)anthracene	420.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U
218-01-9	Chrysene	420.	U
117-84-0	Di-n-octyl phthalate	420.	U
205-99-2	Benzo(b)fluoranthene	420.	U
207-08-9	Benzo(k)fluoranthene	420.	U
50-32-8	Benzo(a)pyrene	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3	Dibenz(a,h)anthracene	420.	U
191-24-2	Benzo(g,h,i)perylene	420.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 635 SOIL SAMPLES

SW846-VOA

SAMPLE ID ------->	635-S-B001-01
ORIGINAL ID ----->	635SB00101
LAB SAMPLE ID --->	27202.07
ID FROM REPORT -->	635SB00101
SAMPLE DATE ----->	10/03/96
DATE ANALYZED --->	10/12/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl chloride	13.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene chloride	10.	U
67-64-1	Acetone	42.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	13.	U
75-27-4	Bromodichloromethane	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
110-75-8	2-Chloroethyl vinyl ether	13.	U
75-25-2	Bromoform	6.	U
591-78-6	2-Hexanone	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/15/96
DATE ANALYZED --->	09/17/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
94-75-7	2,4-D	72.	U
93-72-1	2,4,5-TP (Silvex)	16.	U
93-76-5	2,4,5-T	19.	U
88-85-7	Dinoseb	43.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/25/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
319-84-6	alpha-BHC	1.5	U
319-85-7	beta-BHC	1.5	U
319-86-8	delta-BHC	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U
76-44-8	Heptachlor	1.5	U
309-00-2	Aldrin	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U
959-98-8	Endosulfan I	1.5	U
60-57-1	Dieldrin	2.9	U
72-55-9	4,4'-DDE	160.	DJ
72-20-8	Endrin	2.9	U
33213-65-9	Endosulfan II	2.9	U
72-54-8	4,4'-DDD	260.	DJ
1031-07-8	Endosulfan sulfate	2.9	U
50-29-3	4,4'-DDT	16.	
72-43-5	Methoxychlor	15.	U
53494-70-5	Endrin ketone	2.9	U
7421-93-4	Endrin aldehyde	2.9	U
5103-71-9	alpha-Chlordane	4.1	J
5103-74-2	gamma-Chlordane	16.	J
8001-35-2	Toxaphene	96.	U
12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	38.	U
11141-16-5	Aroclor-1232	38.	U
53469-21-9	Aroclor-1242	38.	U
12672-29-6	Aroclor-1248	38.	U
11097-69-1	Aroclor-1254	78.	U
11096-82-5	Aroclor-1260	78.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
108-95-2	Phenol	380.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U
95-57-8	2-Chlorophenol	380.	U
541-73-1	1,3-Dichlorobenzene	380.	U
106-46-7	1,4-Dichlorobenzene	380.	U
100-51-6	Benzyl alcohol	380.	U
95-50-1	1,2-Dichlorobenzene	380.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U
67-72-1	Hexachloroethane	380.	U
98-95-3	Nitrobenzene	380.	U
78-59-1	Isophorone	380.	U
88-75-5	2-Nitrophenol	380.	U
105-67-9	2,4-Dimethylphenol	380.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U
120-83-2	2,4-Dichlorophenol	380.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U
91-20-3	Naphthalene	380.	U
106-47-8	4-Chloroaniline	380.	U
87-68-3	Hexachlorobutadiene	380.	U
59-50-7	4-Chloro-3-methylphenol	380.	U
91-57-6	2-Methylnaphthalene	42.	J
77-47-4	Hexachlorocyclopentadiene	380.	U
88-06-2	2,4,6-Trichlorophenol	380.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U
91-58-7	2-Chloronaphthalene	380.	U
88-74-4	2-Nitroaniline	1900.	U
131-11-3	Dimethyl phthalate	380.	U
208-96-8	Acenaphthylene	380.	U
606-20-2	2,6-Dinitrotoluene	380.	U
99-09-2	3-Nitroaniline	1900.	U
83-32-9	Acenaphthene	380.	U
51-28-5	2,4-Dinitrophenol	1900.	U
100-02-7	4-Nitrophenol	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
132-64-9	Dibenzofuran	380.	U
121-14-2	2,4-Dinitrotoluene	380.	U
84-66-2	Diethylphthalate	380.	U
7005-72-3	4-Chlorophenylphenylether	380.	U
86-73-7	Fluorene	380.	U
100-01-6	4-Nitroaniline	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U
86-30-6	N-Nitrosodiphenylamine	380.	U
101-55-3	4-Bromophenyl-phenylether	380.	U
118-74-1	Hexachlorobenzene	380.	U
87-86-5	Pentachlorophenol	1900.	U
85-01-8	Phenanthrene	150.	J
120-12-7	Anthracene	51.	J
86-74-8	Carbazole	380.	UR
84-74-2	Di-n-butylphthalate	380.	U
206-44-0	Fluoranthene	430.	J
129-00-0	Pyrene	460.	J
85-68-7	Butylbenzylphthalate	380.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U
56-55-3	Benzo(a)anthracene	300.	J
218-01-9	Chrysene	340.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	
117-84-0	Di-n-octyl phthalate	380.	U
205-99-2	Benzo(b)fluoranthene	350.	J
207-08-9	Benzo(k)fluoranthene	300.	J
50-32-8	Benzo(a)pyrene	310.	J
193-39-5	Indeno(1,2,3-cd)pyrene	340.	J
53-70-3	Dibenz(a,h)anthracene	80.	J
191-24-2	Benzo(g,h,i)perylene	310.	J
110-86-1	Pyridine	380.	U
62-75-9	N-Nitrosodimethylamine	380.	U
66-27-3	Methyl methanesulfonate	1900.	U
62-53-3	Aniline	380.	U
10595-95-6	N-Nitrosomethylethylamine	380.	U
55-18-5	N-Nitrosodiethylamine	380.	U
62-50-0	Ethyl methanesulfonate	380.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
109-06-8	2-Picoline	380.	U
98-86-2	Acetophenone	380.	U
930-55-2	N-Nitrosopyrrolidine	380.	U
108-39-4	3-Methylphenol (m-Cresol)	380.	U
59-89-2	N-Nitrosomorpholine	380.	U
95-53-4	o-Toluidine	380.	U
96-12-8	1,2-Dibromo-3-Chloropropane	380.	UR
100-75-4	N-Nitrosopiperidine	380.	U
126-68-1	O,O,O-Triethylphosphorothioate	380.	U
122-09-8	a,a-Dimethylphenethylamine	380.	U
87-65-0	2,6-Dichlorophenol	380.	UJ
1888-71-7	Hexachloropropene	380.	U
106-50-3	p-Phenylenediamine	1900.	U
924-16-3	N-Nitroso-di-n-butylamine	380.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	380.	UJ
94-59-7	Safrole	380.	UJ
120-58-1	Isosafrole	380.	U
130-15-4	1,4-Naphthoquinone	380.	UJ
99-65-0	1,3-Dinitrobenzene	380.	UJ
58-90-2	2,3,4,6-Tetrachlorophenol	380.	U
608-93-5	Pentachlorobenzene	380.	U
134-32-7	1-Naphthylamine	380.	U
56-57-5	4-Nitroquinoline 1-oxide	1900.	UJ
91-59-8	2-Naphthylamine	380.	U
297-97-2	Thionazin	770.	U
99-55-8	5-Nitro-o-toluidine	380.	UJ
122-39-4	Diphenylamine	380.	U
3689-24-5	Sulfotep	770.	U
99-35-4	1,3,5-Trinitrobenzene	380.	UJ
298-02-2	Phorate	380.	U
62-44-2	Phenacetin	380.	U
2303-16-4	Diallate	380.	UJ
60-51-5	Dimethoate	380.	U
92-67-1	4-Aminobiphenyl	380.	U
23950-58-5	Pronamide	380.	U
82-68-8	Pentachloronitrobenzene	1900.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
298-04-4	Disulfoton	380.	U
88-85-7	Dinoseb	380.	U
298-00-0	Methyl parathion	770.	UJ
56-38-2	Parathion	770.	UJ
91-80-5	Methapyrilene	770.	U
465-73-6	Isodrin	770.	U
140-57-8	Aramite	1900.	UR
60-11-7	p-(Dimethylamino)azobenzene	380.	U
510-15-6	Chlorobenzilate	380.	U
119-93-7	3,3-Dimethylbenzidine	380.	U
143-50-0	Kepone	1900.	UR
52-85-7	Famphur	380.	UJ
53-96-3	Acetamidofluorene	380.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	1900.	UR
70-30-4	Hexachlorophene	7700.	UR
56-49-5	3-Methyl cholanthrene	380.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	210.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	30.	
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR
107-02-8	Acrolein	58.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26879	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	230.	UR
107-13-1	Acrylonitrile	58.	U
107-12-0	Propionitrile	120.	U
126-98-7	Methacrylonitrile	120.	U
78-83-1	Isobutyl alcohol	230.	UR
123-91-1	1,4-Dioxane	580.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	12.	U
96-12-8	1,2-Dibromo-3-Chloropropane	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

CYANIDE

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/19/96
DATE ANALYZED --->	09/20/96
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	26879	VAL
57-12-5	Cyanide (CN)	0.22	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-C-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02	
	ORIGINAL ID ----->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	LAB SAMPLE ID --->	26909.01		26909.04		26910.01		26909.05		26909.11		26909.12	
	ID FROM REPORT -->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE ANALYZED --->	10/10/96		10/10/96		10/10/96		10/10/96		10/10/96		10/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
2691-41-0	HMX	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U
121-82-4	RDX (Cyclonite)	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
99-35-4	1,3,5-Trinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
479-45-8	Tetryl	650.	U	650.	U	650.	U	650.	U	650.	U	650.	U
99-65-0	1,3-Dinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
98-95-3	Nitrobenzene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
606-20-2	2,6-Dinitrotoluene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
121-14-2	2,4-Dinitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
88-72-2	o-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-99-0	p-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-08-1	m-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	636-S-B004-01		636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01	
	ORIGINAL ID ----->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	LAB SAMPLE ID --->	26909.09		26909.10		26909.07		26909.08		26915.02		26915.08	
	ID FROM REPORT -->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/12/96		09/12/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/13/96		09/16/96		09/16/96	
	DATE ANALYZED --->	10/10/96		10/10/96		10/10/96		10/10/96		10/10/96		10/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL
2691-41-0	HMX	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U
121-82-4	RDX (Cyclonite)	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
99-35-4	1,3,5-Trinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
479-45-8	Tetryl	650.	U	650.	U	650.	U	650.	U	650.	U	650.	U
99-65-0	1,3-Dinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
98-95-3	Nitrobenzene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
606-20-2	2,6-Dinitrotoluene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
121-14-2	2,4-Dinitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
88-72-2	o-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-99-0	p-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-08-1	m-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

EXPLOSIVES											
	SAMPLE ID ------->	636-S-B008-01		636-S-B009-01		636-S-B009-02					
	ORIGINAL ID ----->	636SB00801		636SB00901		636SB00902					
	LAB SAMPLE ID --->	26915.09		26915.01		26915.03					
	ID FROM REPORT -->	636SB00801		636SB00901		636SB00902					
	SAMPLE DATE ----->	09/12/96		09/12/96		09/12/96					
	DATE EXTRACTED -->	09/16/96		09/16/96		09/16/96					
	DATE ANALYZED --->	10/10/96		10/10/96		10/10/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	26915	VAL	26915	VAL	26915	VAL				
2691-41-0	HMX	2200.	U	2200.	U	2200.	U				
121-82-4	RDX (Cyclonite)	1000.	U	1000.	U	1000.	U				
99-35-4	1,3,5-Trinitrobenzene	250.	U	250.	U	250.	U				
479-45-8	Tetryl	650.	U	650.	U	650.	U				
99-65-0	1,3-Dinitrobenzene	250.	U	250.	U	250.	U				
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U	250.	U	250.	U				
98-95-3	Nitrobenzene	260.	U	260.	U	260.	U				
606-20-2	2,6-Dinitrotoluene	260.	U	260.	U	260.	U				
121-14-2	2,4-Dinitrotoluene	250.	U	250.	U	250.	U				
88-72-2	o-Nitrotoluene	250.	U	250.	U	250.	U				
99-99-0	p-Nitrotoluene	250.	U	250.	U	250.	U				
99-08-1	m-Nitrotoluene	250.	U	250.	U	250.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/16/96
DATE ANALYZED --->	09/16/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	26879	VAL
18540-29-9	Chromium (Hexavalent)	0.29	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

HYDRAZINE													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-C-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02	
	ORIGINAL ID ----->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	LAB SAMPLE ID --->	26909.01		26909.04		26910.01		26909.05		26909.11		26909.12	
	ID FROM REPORT -->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE ANALYZED --->	10/17/96		10/17/96		09/16/96		10/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
302-01-2	Hydrazine	11.9	UR	17.6	UR	19.1	J	67.	J	19.3	J	13.7	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

HYDRAZINE													
	SAMPLE ID ------->	636-S-B004-01		636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01	
	ORIGINAL ID ----->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	LAB SAMPLE ID --->	26909.09		26909.10		26909.07		26909.08		26915.02		26915.08	
	ID FROM REPORT -->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/12/96		09/12/96	
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96		10/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL
302-01-2	Hydrazine	12.1	UR	13.9	J	11.6	UR	19.1	J	12.8		16.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

HYDRAZINE											
	SAMPLE ID ------->	636-S-B008-01		636-S-B009-01		636-S-B009-D2					
	ORIGINAL ID ----->	636SB00801		636SB00901		636SB00902					
	LAB SAMPLE ID --->	26915.09		26915.01		26915.03					
	ID FROM REPORT -->	636SB00801		636SB00901		636SB00902					
	SAMPLE DATE ----->	09/12/96		09/12/96		09/12/96					
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	26915	VAL	26915	VAL	26915	VAL				
302-01-2	Hydrazine	14.4		12.7	U	23.6	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/16/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ----------->	NG/KG

CAS #	Parameter	26879	VAL
1746-01-6	2378-TCDD	1.68	
40321-76-4	12378-PeCDD	0.615	U
39227-28-6	123478-HxCDD	0.631	U
57653-85-7	123678-HxCDD	0.458	U
19408-74-3	123789-HxCDD	0.477	U
35822-46-9	1234678-HpCDD	20.4	
3268-87-9	OCDD	148.	
51207-31-9	2378-TCDF	6.35	
57117-41-6	12378-PeCDF	1.87	
57117-31-4	23478-PeCDF	0.586	J
70648-26-9	123478-HxCDF	5.44	J
57117-44-9	123678-HxCDF	0.901	
72918-21-9	123789-HxCDF	0.68	U
60851-34-5	234678-HxCDF	1.12	
67562-39-4	1234678-HpCDF	6.98	
55673-89-7	1234789-HpCDF	1.11	U
39001-02-0	OCDF	7.09	
41903-57-5	Total Tetra-Dioxins	3.4	
36088-22-9	Total Penta-Dioxins	0.615	U
34465-46-8	Total Hexa-Dioxins	9.94	
37871-00-4	Total Hepta-Dioxins	49.6	
55722-27-5	Total Tetra-Furans	31.8	
30602-15-4	Total Penta-Furans	22.8	
55684-94-1	Total Hexa-Furans	8.18	
38998-75-3	Total Hepta-Furans	15.3	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-C-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02	
	ORIGINAL ID ----->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	LAB SAMPLE ID --->	26909.01		26909.04		26910.01		26909.05		26909.11		26909.12	
	ID FROM REPORT -->	636SB00101		636SB00201		636CB00201		636SB00202		636SB00301		636SB00302	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/19/96		09/26/96		09/26/96		09/26/96	
	DATE ANALYZED --->	09/27/96		09/27/96		09/23/96		09/27/96		09/27/96		09/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
7429-90-5	Aluminum (Al)	5900.	J	6230.	J	6640.		8110.	J	12100.	J	12300.	J
7440-36-0	Antimony (Sb)	1.1	UJ	0.36	UJ	0.59	U	0.38	UJ	0.4	UJ	0.41	UJ
7440-38-2	Arsenic (As)	7.1	J	8.6	J	5.5		5.1	J	11.4	J	13.5	J
7440-39-3	Barium (Ba)	35.7		64.7		31.4	J	25.7		26.3		35.8	
7440-41-7	Beryllium (Be)	0.38		0.42		0.4		0.28		0.66		0.71	
7440-43-9	Cadmium (Cd)	0.56	J	0.42	J	0.25	J	0.05	U	0.2	J	0.29	J
7440-70-2	Calcium (Ca)	39400.	J	30800.	J	17000.	J	1660.	J	35900.	J	32000.	J
7440-47-3	Chromium (Cr)	19.2	J	14.2	J	12.3		12.4	J	24.2	J	24.1	J
7440-48-4	Cobalt (Co)	1.8	J	10.6		9.3		1.9	J	3.1		3.2	
7440-50-8	Copper (Cu)	1330.	J	23.2	J	15.7		2.4	J	18.	J	30.6	J
7439-89-6	Iron (Fe)	7560.	J	6330.	J	8470.		11300.	J	14600.	J	14700.	J
7439-92-1	Lead (Pb)	102.	J	630.	J	277.	J	13.7	J	42.2	J	40.1	J
7439-95-4	Magnesium (Mg)	1700.		1230.		917.		522.		2350.		3090.	
7439-96-5	Manganese (Mn)	86.8	J	69.6	J	52.3		23.	J	253.	J	186.	J
7439-97-6	Mercury (Hg)	0.07		0.09		0.08		0.04	U	0.12		1.1	
7440-02-0	Nickel (Ni)	7.8		6.9		4.9		1.6	J	9.2		9.	
7440-09-7	Potassium (K)	510.	J	282.	J	265.	J	253.	U	990.		1420.	
7782-49-2	Selenium (Se)	0.38	J	0.56	J	0.35	U	0.66		0.73		0.59	J
7440-22-4	Silver (Ag)	0.23	UJ	0.23	UJ	0.22	U	0.24	UJ	0.25	UJ	0.26	UJ
7440-23-5	Sodium (Na)	635.		357.	U	363.	U	452.	U	748.		3700.	
7440-28-0	Thallium (Tl)	0.82	J	0.42	J	0.39	U	0.43	UJ	0.92	J	0.61	J
7440-31-5	Tin (Sn)	4.8	U	1.7	U	1.1	U	1.2	U	1.7	U	3.6	U
7440-62-2	Vanadium (V)	20.7	J	15.1	J	16.1		19.6	J	30.4	J	31.7	J
7440-66-6	Zinc (Zn)	179.	J	276.	J	287.		15.7	J	50.6	J	88.1	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	636-S-B004-01		636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01	
	ORIGINAL ID ----->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	LAB SAMPLE ID --->	26909.09		26909.10		26909.07		26909.08		26915.02		26915.08	
	ID FROM REPORT -->	636SB00401		636SB00402		636SB00501		636SB00502		636SB00601		636SB00701	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/12/96		09/12/96	
	DATE EXTRACTED -->	09/26/96		10/10/96		09/26/96		09/26/96		09/16/96		09/16/96	
	DATE ANALYZED --->	09/27/96		10/10/96		09/27/96		09/27/96		09/26/96		09/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL
7429-90-5	Aluminum (Al)	2690.	J	10100.	J	2200.	J	11700.	J	3950.		7450.	
7440-36-0	Antimony (Sb)	0.36	UJ	1.3	UJ	0.35	UJ	0.39	UJ	0.41	U	0.59	U
7440-38-2	Arsenic (As)	2.7	J	9.2	J	22.8	J	12.3	J	2.3		5.1	
7440-39-3	Barium (Ba)	10.4		37.6		52.4		29.4		10.9		99.1	
7440-41-7	Beryllium (Be)	0.25		0.57		0.51		0.82		0.18	J	0.35	
7440-43-9	Cadmium (Cd)	0.26	J	0.39	J	0.12	J	0.67		0.22	J	0.41	J
7440-70-2	Calcium (Ca)	156000.	J	25300.	J	7920.	J	51300.	J	34300.		10000.	
7440-47-3	Chromium (Cr)	5.8	J	23.1	J	4.6	J	36.4	J	6.5		13.8	
7440-48-4	Cobalt (Co)	14.		2.7	J	3.		2.9		0.95	J	1.5	J
7440-50-8	Copper (Cu)	15.3	J	109.	J	12.8	J	134.	J	45.7		515.	
7439-89-6	Iron (Fe)	3460.	J	10800.	J	4470.	J	14100.	J	2770.		8600.	
7439-92-1	Lead (Pb)	14.1	J	93.2	J	6.9	J	19.	J	16.3		97.1	
7439-95-4	Magnesium (Mg)	1610.		2010.		250.		3940.		830.		1070.	
7439-96-5	Manganese (Mn)	86.4	J	107.	J	21.8	J	425.	J	40.8		71.4	
7439-97-6	Mercury (Hg)	0.13		0.35		0.04	U	0.19		0.04		0.34	
7440-02-0	Nickel (Ni)	5.5		9.		8.1		11.9		27.		5.1	J
7440-09-7	Potassium (K)	313.	J	923.		232.	U	1260.		247.	J	463.	J
7782-49-2	Selenium (Se)	0.36	U	0.81		0.5	J	0.79		0.35	U	0.48	U
7440-22-4	Silver (Ag)	0.23	UJ	0.26	UJ	0.22	UJ	0.25	UJ	0.22	UJ	0.3	UJ
7440-23-5	Sodium (Na)	353.	U	2260.		272.	U	2770.		250.	U	1180.	
7440-28-0	Thallium (Tl)	0.41	UJ	0.47	UJ	0.39	UJ	0.88	J	0.4	U	0.54	U
7440-31-5	Tin (Sn)	1.3	U	4.6	U	1.6	U	3.2	U	2.2	U	4.1	U
7440-62-2	Vanadium (V)	5.5	J	25.7	J	12.7	J	30.8	J	7.6		16.8	
7440-66-6	Zinc (Zn)	33.7	J	231.	J	15.7	J	87.5	J	38.3		196.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	636-S-B008-01		636-S-B009-01		636-S-B009-02		636-S-B010-01		636-S-B011-01		636-S-B012-01	
	ORIGINAL ID ----->	636SB00801		636SB00901		636SB00902		636SB01001		636SB01101		636SB01201	
	LAB SAMPLE ID --->	26915.09		26915.01		26915.03		28103.09		28103.08		28103.07	
	ID FROM REPORT -->	636SB00801		636SB00901		636SB00902		636SB01001		636SB01101		636SB01201	
	SAMPLE DATE ----->	09/12/96		09/12/96		09/12/96		01/07/97		01/07/97		01/07/97	
	DATE EXTRACTED -->	09/16/96		09/16/96		09/16/96		01/14/97		01/14/97		01/14/97	
	DATE ANALYZED --->	09/26/96		09/26/96		09/26/96		01/15/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26915	VAL	26915	VAL	26915	VAL	28103	VAL	28103	VAL	28103	VAL
7429-90-5	Aluminum (Al)	10100.		5360.		36500.		6770.		3890.		1840.	
7440-36-0	Antimony (Sb)	0.96	U	6.4	J	0.71	U	0.66	J	1.5	J	0.34	U
7440-38-2	Arsenic (As)	6.7		5.5		18.4		22.4		4.7		2.1	
7440-39-3	Barium (Ba)	48.		39.		43.6		43.7		28.8		11.9	
7440-41-7	Beryllium (Be)	0.48		1.		1.6		0.53		0.22	J	0.18	J
7440-43-9	Cadmium (Cd)	0.41	J	0.49	J	0.46	J	0.24	J	0.32	J	0.37	J
7440-70-2	Calcium (Ca)	26500.		15700.		14700.		54400.		50700.		236000.	
7440-47-3	Chromium (Cr)	26.		64.2		54.4		15.9		8.6		5.	
7440-48-4	Cobalt (Co)	5.7		11.9		9.4		2.6		1.6	J	2.1	J
7440-50-8	Copper (Cu)	68.5		235.		33.7		13.6		60.4		10.6	
7439-89-6	Iron (Fe)	10500.		12200.		37500.		6730.		4900.		2450.	
7439-92-1	Lead (Pb)	87.5		394.		60.1		51.8		43.9		5.9	
7439-95-4	Magnesium (Mg)	1990.		1330.		7770.		1530.		702.		2550.	
7439-96-5	Manganese (Mn)	82.5		106.		706.		80.7		75.9		154.	
7439-97-6	Mercury (Hg)	0.41		0.21		0.31		0.26		0.32		0.25	
7440-02-0	Nickel (Ni)	8.4		34.4		17.1		8.8		5.1		6.3	
7440-09-7	Potassium (K)	599.		634.	J	3970.		652.		264.	J	522.	J
7782-49-2	Selenium (Se)	0.74		0.38	U	2.2		0.35	J	0.37	U	0.34	U
7440-22-4	Silver (Ag)	0.22	UJ	0.24	UJ	0.81	J	0.21	U	0.23	U	0.22	U
7440-23-5	Sodium (Na)	802.		1580.		11600.		553.		793.		342.	
7440-28-0	Thallium (Tl)	0.39	U	0.73	J	1.	J	0.59	J	0.42	U	0.39	U
7440-31-5	Tin (Sn)	4.2	U	34.2		5.5	U	1.1	J	4.2	J	1.1	J
7440-62-2	Vanadium (V)	21.2		15.8		82.		18.5		9.5		9.5	
7440-66-6	Zinc (Zn)	140.		1270.		150.		35.9		195.		30.5	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	636-S-B013-01		636-S-B013-02		636-S-B014-01		636-S-B014-02	
	ORIGINAL ID ----->	636SB01301		636SB01302		636SB01401		636SB01402	
	LAB SAMPLE ID --->	28146.01		28146.02		28146.03		28146.04	
	ID FROM REPORT -->	636SB01301		636SB01302		636SB01401		636SB01402	
	SAMPLE DATE ----->	01/10/97		01/10/97		01/10/97		01/10/97	
	DATE EXTRACTED -->	01/16/97		01/16/97		01/16/97		01/16/97	
	DATE ANALYZED --->	01/17/97		01/17/97		01/17/97		01/17/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28146	VAL	28146	VAL	28146	VAL	28146	VAL
7429-90-5	Aluminum (Al)	9510.		12800.		8330.		16600.	
7440-36-0	Antimony (Sb)	0.36	U	0.65	J	0.36	U	0.39	U
7440-38-2	Arsenic (As)	17.2		13.2		1.2	J	8.4	
7440-39-3	Barium (Ba)	34.3		40.7		7.1		72.2	
7440-41-7	Beryllium (Be)	0.85		0.91		0.14	J	0.77	
7440-43-9	Cadmium (Cd)	0.11	J	0.1	J	0.05	U	0.19	J
7440-70-2	Calcium (Ca)	18400.		18400.		4090.		9890.	
7440-47-3	Chromium (Cr)	19.2		27.		7.3		25.4	
7440-48-4	Cobalt (Co)	9.6		4.2		0.96	J	4.2	
7440-50-8	Copper (Cu)	160.		15.6		0.76	J	26.6	
7439-89-6	Iron (Fe)	10200.		16800.		1790.		14400.	
7439-92-1	Lead (Pb)	66.2		42.1		4.9		78.	
7439-95-4	Magnesium (Mg)	1370.		2980.		262.		2860.	
7439-96-5	Manganese (Mn)	37.3		229.		7.2		244.	
7439-97-6	Mercury (Hg)	0.06		0.21		0.04		1.1	
7440-02-0	Nickel (Ni)	20.1		8.3		1.9	J	8.7	
7440-09-7	Potassium (K)	709.		1560.		238.	U	1690.	
7782-49-2	Selenium (Se)	0.85		0.9		0.89		0.84	
7440-22-4	Silver (Ag)	0.23	U	0.28	U	0.23	U	0.24	U
7440-23-5	Sodium (Na)	646.		3470.		723.		2160.	
7440-28-0	Thallium (Tl)	0.41	U	0.9	J	0.41	U	0.54	J
7440-31-5	Tin (Sn)	1.7	U	2.1	U	0.75	J	2.8	U
7440-62-2	Vanadium (V)	23.6		30.6		6.9		33.7	
7440-66-6	Zinc (Zn)	109.		75.7		3.1		98.6	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	636-C-B002-01
ORIGINAL ID ----->	636CB00201
LAB SAMPLE ID --->	26910.01
ID FROM REPORT -->	636CB00201
SAMPLE DATE ----->	09/11/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/20/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
298-02-2	Phorate	78.	U
298-04-4	Disulfoton	139.	U
298-00-0	Methyl parathion	20.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02		636-S-B004-01	
	ORIGINAL ID ----->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	LAB SAMPLE ID --->	26909.01		26909.04		26909.05		26909.11		26909.12		26909.09	
	ID FROM REPORT -->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE ANALYZED --->	09/25/96		09/25/96		09/25/96		09/26/96		09/26/96		09/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
319-84-6	alpha-BHC	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
319-85-7	beta-BHC	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
319-86-8	delta-BHC	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
76-44-8	Heptachlor	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
309-00-2	Aldrin	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
1024-57-3	Heptachlor epoxide	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
959-98-8	Endosulfan I	1.5	U	1.6	U	1.6	U	1.7	U	1.8	U	1.6	U
60-57-1	Dieldrin	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
72-55-9	4,4'-DDE	11.		75.	DJ	3.2	U	5.7		3.4	U	3.	U
72-20-8	Endrin	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
33213-65-9	Endosulfan II	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
72-54-8	4,4'-DDD	7.3		98.	DJ	3.2	U	3.3	U	3.4	U	3.	U
1031-07-8	Endosulfan sulfate	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
50-29-3	4,4'-DDT	3.	U	17.		3.2	U	3.8		3.4	U	3.	U
72-43-5	Methoxychlor	15.	U	16.	U	16.	U	17.	U	18.	U	16.	U
53494-70-5	Endrin ketone	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
7421-93-4	Endrin aldehyde	3.	U	3.	U	3.2	U	3.3	U	3.4	U	3.	U
5103-71-9	alpha-Chlordane	1.5	U	2.3	J	1.6	U	1.7	U	1.8	U	1.6	U
5103-74-2	gamma-Chlordane	5.4	J	7.6	J	1.6	U	2.1		1.8	U	3.6	
8001-35-2	Toxaphene	99.	U	100.	U	100.	U	110.	U	110.	U	100.	U
12674-11-2	Aroclor-1016	39.	U	40.	U	42.	U	43.	U	45.	U	40.	U
11104-28-2	Aroclor-1221	39.	U	40.	U	42.	U	43.	U	45.	U	40.	U
11141-16-5	Aroclor-1232	39.	U	40.	U	42.	U	43.	U	45.	U	40.	U
53469-21-9	Aroclor-1242	39.	U	40.	U	42.	U	43.	U	45.	U	40.	U
12672-29-6	Aroclor-1248	39.	U	40.	U	42.	U	43.	U	45.	U	40.	U
11097-69-1	Aroclor-1254	80.	U	81.	U	85.	U	88.	U	92.	U	81.	U
11096-82-5	Aroclor-1260	80.	U	81.	U	85.	U	88.	U	92.	U	81.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-PEST															
	SAMPLE ID ------->	636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01		636-S-B008-01	
	ORIGINAL ID ----->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	LAB SAMPLE ID --->	26909.10		26909.07		26909.08		26915.02		26915.08		26915.09	
	ID FROM REPORT -->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/12/96		09/12/96		09/12/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/15/96		09/15/96		09/15/96	
	DATE ANALYZED --->	09/26/96		09/26/96		09/26/96		09/27/96		09/27/96		09/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL	26915	VAL
319-84-6	alpha-BHC	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
319-85-7	beta-BHC	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
319-86-8	delta-BHC	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
76-44-8	Heptachlor	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
309-00-2	Aldrin	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	1.5	U
1024-57-3	Heptachlor epoxide	1.8	U	1.5	U	1.7	U	1.5	U	1.6	U	2.6	U
959-98-8	Endosulfan I	1.8	U	3.9	U	1.7	U	1.5	U	1.6	U	1.5	U
60-57-1	Dieldrin	3.5	U	2.9	U	3.2	U	2.9	U	3.1	U	2.9	U
72-55-9	4,4'-DDE	120.	D	14.		3.2	U	45.		5.2		22.	
72-20-8	Endrin	3.8	U	2.9	U	8.7		2.9	U	3.1	U	2.9	U
33213-65-9	Endosulfan II	3.5	U	2.9	U	3.2	U	2.9	U	3.1	U	2.9	U
72-54-8	4,4'-DDD	180.	D	8.9	U	3.2	U	12.		9.6		20.	
1031-07-8	Endosulfan sulfate	3.5	U	2.9	U	3.2	U	2.9	U	3.1	U	2.9	U
50-29-3	4,4'-DDT	34.		13.	U	3.2	U	8.7		15.	J	38.	J
72-43-5	Methoxychlor	18.	U	15.	U	17.	U	15.	U	16.	U	15.	U
53494-70-5	Endrin ketone	3.5	U	2.9	U	3.2	U	2.9	U	3.1	U	2.9	U
7421-93-4	Endrin aldehyde	3.5	U	2.9	U	3.2	U	2.9	U	3.1	U	2.9	U
5103-71-9	alpha-Chlordane	14.	U	3.8	J	1.7	U	3.4		2.2		3.1	
5103-74-2	gamma-Chlordane	24.	J	20.		1.7	U	4.6	J	11.		19.	J
8001-35-2	Toxaphene	120.	U	96.	U	110.	U	96.	U	100.	U	96.	U
12674-11-2	Aroclor-1016	46.	U	38.	U	43.	U	38.	U	41.	U	38.	U
11104-28-2	Aroclor-1221	46.	U	38.	U	43.	U	38.	U	41.	U	38.	U
11141-16-5	Aroclor-1232	46.	U	38.	U	43.	U	38.	U	41.	U	38.	U
53469-21-9	Aroclor-1242	46.	U	38.	U	43.	U	38.	U	41.	U	38.	U
12672-29-6	Aroclor-1248	46.	U	38.	U	43.	U	38.	U	41.	U	38.	U
11097-69-1	Aroclor-1254	93.	U	78.	U	87.	U	78.	U	83.	U	78.	U
11096-82-5	Aroclor-1260	410.		320.		87.	U	78.	U	350.		920.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	636-S-B009-01		636-S-B009-02		636-S-B010-01		636-S-B011-01		636-S-B012-01		636-S-B013-01	
	ORIGINAL ID ----->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	LAB SAMPLE ID --->	26915.01		26915.03		28103.09		28103.08		28103.07		28146.01	
	ID FROM REPORT -->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	SAMPLE DATE ----->	09/12/96		09/12/96		01/07/97		01/07/97		01/07/97		01/10/97	
	DATE EXTRACTED -->	09/15/96		09/15/96		01/09/97		01/09/97		01/09/97		01/16/97	
	DATE ANALYZED --->	09/26/96		09/27/96		01/17/97		01/17/97		01/17/97		01/21/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26915	VAL	26915	VAL	28103	VAL	28103	VAL	28103	VAL	28146	VAL
319-84-6	alpha-BHC	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
319-85-7	beta-BHC	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
319-86-8	delta-BHC	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
76-44-8	Heptachlor	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
309-00-2	Aldrin	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
1024-57-3	Heptachlor epoxide	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
959-98-8	Endosulfan I	1.4	U	3.2	U	1.4	U	1.6	U	1.5	U	1.5	U
60-57-1	Dieldrin	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
72-55-9	4,4'-DDE	17.		6.1	U	2.8	U	6.5		2.8	U	3.1	
72-20-8	Endrin	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
33213-65-9	Endosulfan II	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
72-54-8	4,4'-DDD	24.		6.1	U	2.8	U	5.		2.8	U	3.	U
1031-07-8	Endosulfan sulfate	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
50-29-3	4,4'-DDT	4.5	U	6.1	U	2.8	U	8.7		2.8	U	3.	U
72-43-5	Methoxychlor	14.	U	32.	U	14.	U	16.	U	15.	U	15.	U
53494-70-5	Endrin ketone	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
7421-93-4	Endrin aldehyde	2.8	U	6.1	U	2.8	U	3.	U	2.8	U	3.	U
5103-71-9	alpha-Chlordane	6.3		3.2	U	1.4	U	4.2		1.5	U	1.5	U
5103-74-2	gamma-Chlordane	51.	D	3.2	U	1.4	U	5.3		1.5	U	2.5	U
8001-35-2	Toxaphene	92.	U	200.	U	92.	U	100.	U	94.	U	99.	U
12674-11-2	Aroclor-1016	37.	U	80.	U	37.	U	40.	U	38.	U	39.	U
11104-28-2	Aroclor-1221	37.	U	80.	U	37.	U	40.	U	38.	U	39.	U
11141-16-5	Aroclor-1232	37.	U	80.	U	37.	U	40.	U	38.	U	39.	U
53469-21-9	Aroclor-1242	37.	U	80.	U	37.	U	40.	U	38.	U	39.	U
12672-29-6	Aroclor-1248	37.	U	80.	U	37.	U	40.	U	38.	U	39.	U
11097-69-1	Aroclor-1254	74.	U	160.	U	74.	U	82.	U	76.	U	80.	U
11096-82-5	Aroclor-1260	69.	J	160.	U	12.	J	36.	J	8.5	J	28.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-PEST											
	SAMPLE ID ------->	636-S-B013-02		636-S-B014-01		636-S-B014-02					
	ORIGINAL ID ----->	636SB01302		636SB01401		636SB01402					
	LAB SAMPLE ID --->	28146.02		28146.03		28146.04					
	ID FROM REPORT -->	636SB01302		636SB01401		636SB01402					
	SAMPLE DATE ----->	01/10/97		01/10/97		01/10/97					
	DATE EXTRACTED -->	01/16/97		01/16/97		01/16/97					
	DATE ANALYZED --->	01/21/97		01/21/97		01/21/97					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	28146	VAL	28146	VAL	28146	VAL				
319-84-6	alpha-BHC	1.9	U	1.5	U	1.7	U				
319-85-7	beta-BHC	1.9	U	1.5	U	1.7	U				
319-86-8	delta-BHC	1.9	U	1.5	U	1.7	U				
58-89-9	gamma-BHC (Lindane)	1.9	U	1.5	U	1.7	U				
76-44-8	Heptachlor	1.9	U	1.5	U	1.7	U				
309-00-2	Aldrin	1.9	U	1.5	U	1.7	U				
1024-57-3	Heptachlor epoxide	1.9	U	1.5	U	1.7	U				
959-98-8	Endosulfan I	1.9	U	1.5	U	1.7	U				
60-57-1	Dieldrin	3.7	U	3.	U	3.2	U				
72-55-9	4,4'-DDE	3.7	U	3.	U	3.2	U				
72-20-8	Endrin	3.7	U	3.	U	3.2	U				
33213-65-9	Endosulfan II	3.7	U	3.	U	3.2	U				
72-54-8	4,4'-DDD	3.7	U	3.1		3.2	U				
1031-07-8	Endosulfan sulfate	3.7	U	3.	U	3.2	U				
50-29-3	4,4'-DDT	3.7	U	3.	U	3.2	U				
72-43-5	Methoxychlor	19.	U	15.	U	17.	U				
53494-70-5	Endrin ketone	3.7	U	3.	U	3.2	U				
7421-93-4	Endrin aldehyde	3.7	U	3.	U	3.2	U				
5103-71-9	alpha-Chlordane	1.9	U	1.5	U	1.7	U				
5103-74-2	gamma-Chlordane	1.9	U	1.5	U	1.7	U				
8001-35-2	Toxaphene	120.	U	99.	U	110.	U				
12674-11-2	Aroclor-1016	48.	U	39.	U	42.	U				
11104-28-2	Aroclor-1221	48.	U	39.	U	42.	U				
11141-16-5	Aroclor-1232	48.	U	39.	U	42.	U				
53469-21-9	Aroclor-1242	48.	U	39.	U	42.	U				
12672-29-6	Aroclor-1248	48.	U	39.	U	42.	U				
11097-69-1	Aroclor-1254	98.	U	80.	U	86.	U				
11096-82-5	Aroclor-1260	98.	U	80.	U	86.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02		636-S-B004-01	
	ORIGINAL ID ----->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	LAB SAMPLE ID --->	26909.01		26909.04		26909.05		26909.11		26909.12		26909.09	
	ID FROM REPORT -->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE ANALYZED --->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
108-95-2	Phenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
95-57-8	2-Chlorophenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
541-73-1	1,3-Dichlorobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
106-46-7	1,4-Dichlorobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
100-51-6	Benzyl alcohol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
95-50-1	1,2-Dichlorobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
67-72-1	Hexachloroethane	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
98-95-3	Nitrobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
78-59-1	Isophorone	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
88-75-5	2-Nitrophenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
105-67-9	2,4-Dimethylphenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
65-85-0	Benzoic acid	1900.	U	1900.	U	2000.	U	2100.	U	64.	J	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
120-83-2	2,4-Dichlorophenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
91-20-3	Naphthalene	390.	U	400.	U	420.	U	430.	U	450.	U	77.	J
106-47-8	4-Chloroaniline	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
87-68-3	Hexachlorobutadiene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
91-57-6	2-Methylnaphthalene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
91-58-7	2-Chloronaphthalene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
88-74-4	2-Nitroaniline	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
131-11-3	Dimethyl phthalate	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
208-96-8	Acenaphthylene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
99-09-2	3-Nitroaniline	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
83-32-9	Acenaphthene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
51-28-5	2,4-Dinitrophenol	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
100-02-7	4-Nitrophenol	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02		636-S-B004-01	
	ORIGINAL ID ----->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	LAB SAMPLE ID --->	26909.01		26909.04		26909.05		26909.11		26909.12		26909.09	
	ID FROM REPORT -->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE ANALYZED --->	09/19/96		09/19/96		09/19/96		09/19/96		09/19/96		09/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
132-64-9	Dibenzofuran	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
121-14-2	2,4-Dinitrotoluene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
606-20-2	2,6-Dinitrotoluene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
84-66-2	Diethylphthalate	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
86-73-7	Fluorene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
100-01-6	4-Nitroaniline	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
118-74-1	Hexachlorobenzene	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
87-86-5	Pentachlorophenol	1900.	U	1900.	U	2000.	U	2100.	U	2200.	U	1900.	U
85-01-8	Phenanthrene	200.	J	48.	J	420.	U	140.	J	52.	J	400.	U
120-12-7	Anthracene	79.	J	400.	U	420.	U	50.	J	450.	U	400.	U
84-74-2	Di-n-butylphthalate	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
206-44-0	Fluoranthene	270.	J	120.	J	420.	U	480.		130.	J	400.	U
129-00-0	Pyrene	220.	J	100.	J	420.	U	550.		120.	J	400.	U
85-68-7	Butylbenzylphthalate	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	800.	U	840.	U	870.	U	900.	U	800.	U
56-55-3	Benzo(a)anthracene	130.	J	65.	J	420.	U	270.	J	62.	J	400.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
218-01-9	Chrysene	180.	J	80.	J	420.	U	360.	J	76.	J	400.	U
117-84-0	Di-n-octyl phthalate	390.	U	400.	U	420.	U	430.	U	450.	U	400.	U
205-99-2	Benzo(b)fluoranthene	270.	J	80.	J	420.	U	490.		85.	J	400.	U
207-08-9	Benzo(k)fluoranthene	160.	J	60.	J	420.	U	270.	J	70.	J	400.	U
50-32-8	Benzo(a)pyrene	200.	J	64.	J	420.	U	360.	J	78.	J	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	130.	J	40.	J	420.	U	170.	J	450.	U	400.	U
53-70-3	Dibenz(a,h)anthracene	42.	J	400.	U	420.	U	53.	J	450.	U	400.	U
191-24-2	Benzo(g,h,i)perylene	120.	J	41.	J	420.	U	160.	J	450.	U	400.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01		636-S-B008-01	
	ORIGINAL ID ----->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	LAB SAMPLE ID --->	26909.10		26909.07		26909.08		26915.02		26915.08		26915.09	
	ID FROM REPORT -->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/12/96		09/12/96		09/12/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/14/96		09/14/96		09/14/96	
	DATE ANALYZED --->	09/19/96		09/19/96		09/19/96		09/23/96		09/23/96		09/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL	26915	VAL
108-95-2	Phenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
95-57-8	2-Chlorophenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
541-73-1	1,3-Dichlorobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
106-46-7	1,4-Dichlorobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
100-51-6	Benzyl alcohol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
95-50-1	1,2-Dichlorobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
67-72-1	Hexachloroethane	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
98-95-3	Nitrobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
78-59-1	Isophorone	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
88-75-5	2-Nitrophenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
105-67-9	2,4-Dimethylphenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
65-85-0	Benzoic acid	63.	J	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
120-83-2	2,4-Dichlorophenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
91-20-3	Naphthalene	130.	J	300.	J	430.	U	380.	U	410.	U	43.	J
106-47-8	4-Chloroaniline	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
87-68-3	Hexachlorobutadiene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
91-57-6	2-Methylnaphthalene	460.	U	510.		430.	U	380.	U	410.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
91-58-7	2-Chloronaphthalene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
88-74-4	2-Nitroaniline	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
131-11-3	Dimethyl phthalate	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
208-96-8	Acenaphthylene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
99-09-2	3-Nitroaniline	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
83-32-9	Acenaphthene	460.	U	380.	U	430.	U	380.	U	410.	U	81.	J
51-28-5	2,4-Dinitrophenol	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
100-02-7	4-Nitrophenol	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B004-02		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01		636-S-B008-01	
	ORIGINAL ID ----->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	LAB SAMPLE ID --->	26909.10		26909.07		26909.08		26915.02		26915.08		26915.09	
	ID FROM REPORT -->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/12/96		09/12/96		09/12/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		09/14/96		09/14/96		09/14/96	
	DATE ANALYZED --->	09/19/96		09/19/96		09/19/96		09/23/96		09/23/96		09/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL	26915	VAL
132-64-9	Dibenzofuran	460.	U	120.	J	430.	U	380.	U	410.	U	76.	J
121-14-2	2,4-Dinitrotoluene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
606-20-2	2,6-Dinitrotoluene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
84-66-2	Diethylphthalate	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
86-73-7	Fluorene	460.	U	380.	U	430.	U	380.	U	410.	U	170.	J
100-01-6	4-Nitroaniline	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
118-74-1	Hexachlorobenzene	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
87-86-5	Pentachlorophenol	2200.	U	1900.	U	2100.	U	1900.	U	2000.	U	1900.	U
85-01-8	Phenanthrene	75.	J	270.	J	48.	J	380.	U	47.	J	1700.	
120-12-7	Anthracene	460.	U	380.	U	430.	U	380.	U	410.	U	100.	J
84-74-2	Di-n-butylphthalate	460.	U	380.	U	430.	U	380.	U	410.	U	380.	U
206-44-0	Fluoranthene	150.	J	53.	J	130.	J	57.	J	130.	J	2700.	
129-00-0	Pyrene	130.	J	52.	J	110.	J	120.	J	180.	J	2600.	
85-68-7	Butylbenzylphthalate	460.	U	380.	U	430.	U	130.	J	410.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	920.	U	770.	U	860.	U	770.	UJ	810.	U	770.	U
56-55-3	Benzo(a)anthracene	67.	J	39.	J	56.	J	47.	J	83.	J	240.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	460.	U	380.	U	430.	U	380.	UJ	410.	U	380.	U
218-01-9	Chrysene	130.	J	52.	J	88.	J	62.	J	120.	J	790.	
117-84-0	Di-n-octyl phthalate	460.	U	380.	U	430.	U	380.	UJ	410.	UJ	380.	UJ
205-99-2	Benzo(b)fluoranthene	130.	J	42.	J	120.	J	54.	J	120.	J	420.	J
207-08-9	Benzo(k)fluoranthene	110.	J	380.	U	71.	J	48.	J	100.	J	300.	J
50-32-8	Benzo(a)pyrene	72.	J	380.	U	69.	J	56.	J	98.	J	190.	J
193-39-5	Indeno(1,2,3-cd)pyrene	58.	J	380.	U	45.	J	52.	J	82.	J	140.	J
53-70-3	Dibenz(a,h)anthracene	460.	U	380.	U	430.	U	380.	UJ	410.	UJ	380.	UJ
191-24-2	Benzo(g,h,i)perylene	60.	J	380.	U	44.	J	89.	J	87.	J	150.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B009-01		636-S-B009-02		636-S-B010-01		636-S-B011-01		636-S-B012-01		636-S-B013-01	
	ORIGINAL ID ----->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	LAB SAMPLE ID --->	26915.01		26915.03		28103.09		28103.08		28103.07		28146.01	
	ID FROM REPORT -->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	SAMPLE DATE ----->	09/12/96		09/12/96		01/07/97		01/07/97		01/07/97		01/10/97	
	DATE EXTRACTED -->	09/14/96		09/14/96		01/09/97		01/09/97		01/09/97		01/13/97	
	DATE ANALYZED --->	09/23/96		09/24/96		01/14/97		01/14/97		01/15/97		01/22/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26915	VAL	26915	VAL	28103	VAL	28103	VAL	28103	VAL	28146	VAL
108-95-2	Phenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
95-57-8	2-Chlorophenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
541-73-1	1,3-Dichlorobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
106-46-7	1,4-Dichlorobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
100-51-6	Benzyl alcohol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
95-50-1	1,2-Dichlorobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
67-72-1	Hexachloroethane	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
98-95-3	Nitrobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
78-59-1	Isophorone	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
88-75-5	2-Nitrophenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
105-67-9	2,4-Dimethylphenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
65-85-0	Benzoic acid	40.	J	3900.	U	1800.	U	2000.	U	1800.	U	1900.	UJ
111-91-1	bis(2-Chloroethoxy)methane	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
120-83-2	2,4-Dichlorophenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
91-20-3	Naphthalene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
106-47-8	4-Chloroaniline	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
87-68-3	Hexachlorobutadiene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
91-57-6	2-Methylnaphthalene	370.	U	800.	U	52.	J	400.	U	380.	U	390.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
91-58-7	2-Chloronaphthalene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
88-74-4	2-Nitroaniline	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
131-11-3	Dimethyl phthalate	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
208-96-8	Acenaphthylene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
99-09-2	3-Nitroaniline	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
83-32-9	Acenaphthene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
51-28-5	2,4-Dinitrophenol	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
100-02-7	4-Nitrophenol	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	636-S-B009-01		636-S-B009-02		636-S-B010-01		636-S-B011-01		636-S-B012-01		636-S-B013-01	
	ORIGINAL ID ----->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	LAB SAMPLE ID --->	26915.01		26915.03		28103.09		28103.08		28103.07		28146.01	
	ID FROM REPORT -->	636SB00901		636SB00902		636SB01001		636SB01101		636SB01201		636SB01301	
	SAMPLE DATE ----->	09/12/96		09/12/96		01/07/97		01/07/97		01/07/97		01/10/97	
	DATE EXTRACTED -->	09/14/96		09/14/96		01/09/97		01/09/97		01/09/97		01/13/97	
	DATE ANALYZED --->	09/23/96		09/24/96		01/14/97		01/14/97		01/15/97		01/22/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26915	VAL	26915	VAL	28103	VAL	28103	VAL	28103	VAL	28146	VAL
132-64-9	Dibenzofuran	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
121-14-2	2,4-Dinitrotoluene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
606-20-2	2,6-Dinitrotoluene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
84-66-2	Diethylphthalate	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
86-73-7	Fluorene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
100-01-6	4-Nitroaniline	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
118-74-1	Hexachlorobenzene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
87-86-5	Pentachlorophenol	1800.	U	3900.	U	1800.	U	2000.	U	1800.	U	1900.	U
85-01-8	Phenanthrene	370.	U	800.	U	57.	J	160.	J	380.	U	390.	U
120-12-7	Anthracene	370.	U	800.	U	370.	U	48.	J	380.	U	390.	U
84-74-2	Di-n-butylphthalate	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
206-44-0	Fluoranthene	41.	J	800.	U	42.	J	370.	J	380.	U	390.	U
129-00-0	Pyrene	49.	J	120.	J	47.	J	250.	J	380.	U	390.	U
85-68-7	Butylbenzylphthalate	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
91-94-1	3,3'-Dichlorobenzidine	730.	U	1600.	U	730.	U	800.	U	750.	U	780.	U
56-55-3	Benzo(a)anthracene	370.	U	800.	U	370.	U	170.	J	380.	U	390.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
218-01-9	Chrysene	38.	J	800.	U	45.	J	200.	J	380.	U	390.	U
117-84-0	Di-n-octyl phthalate	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
205-99-2	Benzo(b)fluoranthene	46.	J	800.	U	370.	U	140.	J	380.	U	390.	U
207-08-9	Benzo(k)fluoranthene	40.	J	800.	U	370.	U	100.	J	380.	U	390.	U
50-32-8	Benzo(a)pyrene	38.	J	800.	U	370.	U	140.	J	380.	U	390.	U
193-39-5	Indeno(1,2,3-cd)pyrene	38.	J	800.	U	370.	U	85.	J	380.	U	390.	U
53-70-3	Dibenz(a,h)anthracene	370.	U	800.	U	370.	U	400.	U	380.	U	390.	U
191-24-2	Benzo(g,h,i)perylene	38.	J	800.	U	370.	U	90.	J	380.	U	390.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	636-S-B013-02		636-S-B014-01		636-S-B014-02					
	ORIGINAL ID ----->	636SB01302		636SB01401		636SB01402					
	LAB SAMPLE ID --->	28146.02		28146.03		28146.04					
	ID FROM REPORT -->	636SB01302		636SB01401		636SB01402					
	SAMPLE DATE ----->	01/10/97		01/10/97		01/10/97					
	DATE EXTRACTED -->	01/13/97		01/13/97		01/13/97					
	DATE ANALYZED --->	01/16/97		01/16/97		01/16/97					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	28146	VAL	28146	VAL	28146	VAL				
108-95-2	Phenol	480.	U	390.	U	420.	U				
111-44-4	bis(2-Chloroethyl)ether	480.	U	390.	U	420.	U				
95-57-8	2-Chlorophenol	480.	U	390.	U	420.	U				
541-73-1	1,3-Dichlorobenzene	480.	U	390.	U	420.	U				
106-46-7	1,4-Dichlorobenzene	480.	U	390.	U	420.	U				
100-51-6	Benzyl alcohol	480.	U	390.	U	420.	U				
95-50-1	1,2-Dichlorobenzene	480.	U	390.	U	420.	U				
95-48-7	2-Methylphenol (o-Cresol)	480.	U	390.	U	420.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	480.	U	390.	U	420.	U				
106-44-5	4-Methylphenol (p-Cresol)	480.	U	390.	U	420.	U				
621-64-7	N-Nitroso-di-n-propylamine	480.	U	390.	U	420.	U				
67-72-1	Hexachloroethane	480.	U	390.	U	420.	U				
98-95-3	Nitrobenzene	480.	U	390.	U	420.	U				
78-59-1	Isophorone	480.	U	390.	U	420.	U				
88-75-5	2-Nitrophenol	480.	U	390.	U	420.	U				
105-67-9	2,4-Dimethylphenol	480.	U	390.	U	420.	U				
65-85-0	Benzoic acid	2400.	U	1900.	U	2000.	U				
111-91-1	bis(2-Chloroethoxy)methane	480.	U	390.	U	420.	U				
120-83-2	2,4-Dichlorophenol	480.	U	390.	U	420.	U				
120-82-1	1,2,4-Trichlorobenzene	480.	U	390.	U	420.	U				
91-20-3	Naphthalene	480.	U	390.	U	420.	U				
106-47-8	4-Chloroaniline	480.	U	390.	U	420.	U				
87-68-3	Hexachlorobutadiene	480.	U	390.	U	420.	UJ				
59-50-7	4-Chloro-3-methylphenol	480.	U	390.	U	420.	U				
91-57-6	2-Methylnaphthalene	480.	U	390.	U	420.	U				
77-47-4	Hexachlorocyclopentadiene	480.	U	390.	U	420.	U				
88-06-2	2,4,6-Trichlorophenol	480.	U	390.	U	420.	U				
95-95-4	2,4,5-Trichlorophenol	2400.	U	1900.	U	2000.	U				
91-58-7	2-Chloronaphthalene	480.	U	390.	U	420.	U				
88-74-4	2-Nitroaniline	2400.	U	1900.	U	2000.	U				
131-11-3	Dimethyl phthalate	480.	U	390.	U	420.	U				
208-96-8	Acenaphthylene	480.	U	390.	U	420.	U				
99-09-2	3-Nitroaniline	2400.	U	1900.	U	2000.	U				
83-32-9	Acenaphthene	480.	U	390.	U	420.	U				
51-28-5	2,4-Dinitrophenol	2400.	U	1900.	U	2000.	U				
100-02-7	4-Nitrophenol	2400.	U	1900.	U	2000.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	636-S-B013-02		636-S-B014-01		636-S-B014-02					
	ORIGINAL ID ----->	636SB01302		636SB01401		636SB01402					
	LAB SAMPLE ID --->	28146.02		28146.03		28146.04					
	ID FROM REPORT -->	636SB01302		636SB01401		636SB01402					
	SAMPLE DATE ----->	01/10/97		01/10/97		01/10/97					
	DATE EXTRACTED -->	01/13/97		01/13/97		01/13/97					
	DATE ANALYZED --->	01/16/97		01/16/97		01/16/97					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	28146	VAL	28146	VAL	28146	VAL				
132-64-9	Dibenzofuran	480.	U	390.	U	420.	U				
121-14-2	2,4-Dinitrotoluene	480.	U	390.	U	420.	U				
606-20-2	2,6-Dinitrotoluene	480.	U	390.	U	420.	U				
84-66-2	Diethylphthalate	480.	U	390.	U	420.	U				
7005-72-3	4-Chlorophenylphenylether	480.	U	390.	U	420.	U				
86-73-7	Fluorene	480.	U	390.	U	420.	U				
100-01-6	4-Nitroaniline	2400.	U	1900.	U	2000.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	2400.	U	1900.	U	2000.	U				
86-30-6	N-Nitrosodiphenylamine	480.	U	390.	U	420.	U				
101-55-3	4-Bromophenyl-phenylether	480.	U	390.	U	420.	U				
118-74-1	Hexachlorobenzene	480.	U	390.	U	420.	U				
87-86-5	Pentachlorophenol	2400.	U	1900.	U	2000.	U				
85-01-8	Phenanthrene	480.	U	390.	U	420.	U				
120-12-7	Anthracene	480.	U	390.	U	420.	U				
84-74-2	Di-n-butylphthalate	480.	U	390.	U	420.	U				
206-44-0	Fluoranthene	480.	U	390.	U	420.	U				
129-00-0	Pyrene	480.	U	390.	U	420.	U				
85-68-7	Butylbenzylphthalate	480.	U	390.	U	420.	U				
91-94-1	3,3'-Dichlorobenzidine	970.	U	780.	U	850.	U				
56-55-3	Benzo(a)anthracene	480.	U	390.	U	49.	J				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	480.	U	390.	U	420.	U				
218-01-9	Chrysene	480.	U	390.	U	65.	J				
117-84-0	Di-n-octyl phthalate	480.	U	390.	U	420.	U				
205-99-2	Benzo(b)fluoranthene	480.	U	390.	U	420.	U				
207-08-9	Benzo(k)fluoranthene	480.	U	390.	U	56.	J				
50-32-8	Benzo(a)pyrene	480.	U	390.	U	50.	J				
193-39-5	Indeno(1,2,3-cd)pyrene	480.	U	390.	U	420.	U				
53-70-3	Dibenz(a,h)anthracene	480.	U	390.	U	420.	U				
191-24-2	Benzo(g,h,i)perylene	480.	U	390.	U	420.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	636-S-B001-01		636-S-B002-01		636-S-B002-02		636-S-B003-01		636-S-B003-02		636-S-B004-01	
	ORIGINAL ID ----->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	LAB SAMPLE ID --->	26909.01		26909.04		26909.05		26909.11		26909.12		26909.09	
	ID FROM REPORT -->	636SB00101		636SB00201		636SB00202		636SB00301		636SB00302		636SB00401	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/11/96		09/11/96		09/11/96	
	DATE ANALYZED --->	09/21/96		09/21/96		09/20/96		09/21/96		09/21/96		09/20/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL	26879	VAL
74-87-3	Chloromethane	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
75-01-4	Vinyl chloride	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
75-00-3	Chloroethane	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
75-09-2	Methylene chloride	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
67-64-1	Acetone	110.	U	110.	U	48.	U	6.	U	100.	U	89.	U
75-15-0	Carbon disulfide	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
67-66-3	Chloroform	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
78-93-3	2-Butanone (MEK)	16.	U	18.	U	5.	U	4.	U	18.	U	8.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
108-05-4	Vinyl acetate	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
75-27-4	Bromodichloromethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
79-01-6	Trichloroethene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
124-48-1	Dibromochloromethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
71-43-2	Benzene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR	12.	UR	13.	UR	13.	UR	14.	UR	12.	UR
75-25-2	Bromoform	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
591-78-6	2-Hexanone	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	13.	U	13.	U	14.	U	12.	U
127-18-4	Tetrachloroethene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
108-88-3	Toluene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
108-90-7	Chlorobenzene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
100-41-4	Ethylbenzene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
100-42-5	Styrene	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U
1330-20-7	Xylene (Total)	6.	U	6.	U	6.	U	6.	U	7.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	636-S-B004-02 RE		636-S-B005-01		636-S-B005-02		636-S-B006-01		636-S-B007-01		636-S-B008-01	
	ORIGINAL ID ----->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	LAB SAMPLE ID --->	26909.10		26909.07		26909.08		26915.02		26915.08		26915.09	
	ID FROM REPORT -->	636SB00402		636SB00501		636SB00502		636SB00601		636SB00701		636SB00801	
	SAMPLE DATE ----->	09/11/96		09/11/96		09/11/96		09/12/96		09/12/96		09/12/96	
	DATE ANALYZED --->	09/21/96		09/20/96		09/22/96		09/22/96		09/23/96		09/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	26915	VAL	26915	VAL	26915	VAL
74-87-3	Chloromethane	14.	U	12.	UJ	13.	U	12.	U	16.	U	12.	U
74-83-9	Bromomethane	14.	U	12.	UJ	13.	U	12.	U	16.	U	12.	U
75-01-4	Vinyl chloride	14.	U	12.	UJ	13.	U	12.	U	16.	U	12.	U
75-00-3	Chloroethane	14.	U	12.	UJ	13.	U	12.	U	16.	U	12.	U
75-09-2	Methylene chloride	7.	U	12.	UJ	6.	U	6.	U	8.	U	6.	U
67-64-1	Acetone	620.	U	69.	UJ	65.	U	12.	U	120.	U	74.	U
75-15-0	Carbon disulfide	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
75-35-4	1,1-Dichloroethene	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
75-34-3	1,1-Dichloroethane	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
67-66-3	Chloroform	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
107-06-2	1,2-Dichloroethane	7.	U	6.	UJ	6.	U	6.	U	8.	U	6.	U
78-93-3	2-Butanone (MEK)	130.	U	12.	UJ	11.	U	12.	U	28.	U	14.	U
71-55-6	1,1,1-Trichloroethane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
56-23-5	Carbon tetrachloride	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
108-05-4	Vinyl acetate	14.	UJ	12.	UJ	13.	U	12.	U	16.	U	12.	U
75-27-4	Bromodichloromethane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
78-87-5	1,2-Dichloropropane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
79-01-6	Trichloroethene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
124-48-1	Dibromochloromethane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
79-00-5	1,1,2-Trichloroethane	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
71-43-2	Benzene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	14.	UR	12.	UR	13.	UJ	12.	UJ	16.	UJ	12.	UJ
75-25-2	Bromoform	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
591-78-6	2-Hexanone	14.	UJ	12.	UJ	13.	U	12.	U	16.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	UJ	12.	UJ	13.	U	12.	U	16.	U	12.	U
127-18-4	Tetrachloroethene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
108-88-3	Toluene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
108-90-7	Chlorobenzene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
100-41-4	Ethylbenzene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
100-42-5	Styrene	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U
1330-20-7	Xylene (Total)	7.	UJ	6.	UJ	6.	U	6.	U	8.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 636 SOIL SAMPLES

SW846-VOA									
	SAMPLE ID ------->	636-S-B009-01		636-S-B009-02					
	ORIGINAL ID ----->	636SB00901		636SB00902					
	LAB SAMPLE ID --->	26915.01		26915.03					
	ID FROM REPORT -->	636SB00901		636SB00902					
	SAMPLE DATE ----->	09/12/96		09/12/96					
	DATE ANALYZED --->	09/22/96		09/23/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26915	VAL	26915	VAL				
74-87-3	Chloromethane	13.	U	24.	U				
74-83-9	Bromomethane	13.	U	24.	U				
75-01-4	Vinyl chloride	13.	U	24.	U				
75-00-3	Chloroethane	13.	U	24.	U				
75-09-2	Methylene chloride	6.	U	13.	U				
67-64-1	Acetone	56.	U	85.	U				
75-15-0	Carbon disulfide	6.	U	12.	U				
75-35-4	1,1-Dichloroethene	6.	U	12.	U				
75-34-3	1,1-Dichloroethane	6.	U	12.	U				
540-59-0	1,2-Dichloroethene (total)	6.	U	12.	U				
67-66-3	Chloroform	6.	U	12.	U				
107-06-2	1,2-Dichloroethane	6.	U	12.	U				
78-93-3	2-Butanone (MEK)	11.	U	18.	U				
71-55-6	1,1,1-Trichloroethane	6.	U	12.	U				
56-23-5	Carbon tetrachloride	6.	U	12.	U				
108-05-4	Vinyl acetate	13.	U	24.	U				
75-27-4	Bromodichloromethane	6.	U	12.	U				
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	10.	J				
78-87-5	1,2-Dichloropropane	6.	U	12.	U				
10061-02-6	trans-1,3-Dichloropropene	6.	U	12.	U				
79-01-6	Trichloroethene	6.	U	12.	U				
124-48-1	Dibromochloromethane	6.	U	12.	U				
79-00-5	1,1,2-Trichloroethane	6.	U	12.	U				
71-43-2	Benzene	6.	U	12.	U				
10061-01-5	cis-1,3-Dichloropropene	6.	U	12.	U				
110-75-8	2-Chloroethyl vinyl ether	13.	UJ	24.	UJ				
75-25-2	Bromoform	6.	U	12.	U				
591-78-6	2-Hexanone	13.	U	24.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	24.	U				
127-18-4	Tetrachloroethene	6.	U	12.	U				
108-88-3	Toluene	6.	U	12.	U				
108-90-7	Chlorobenzene	6.	U	12.	U				
100-41-4	Ethylbenzene	6.	U	12.	U				
100-42-5	Styrene	6.	U	12.	U				
1330-20-7	Xylene (Total)	6.	U	12.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 HERB								
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
	ORIGINAL ID ----->	637CB00501		637CB00701				
	LAB SAMPLE ID --->	26939.01		28104.01				
	ID FROM REPORT -->	637CB00501		637CB00701				
	SAMPLE DATE ----->	09/13/96		01/07/97				
	DATE EXTRACTED -->	09/15/96		01/09/97				
	DATE ANALYZED --->	09/17/96		01/10/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	26938	VAL	28103	VAL			
94-75-7	2,4-D	73.	U	77.	U			
93-72-1	2,4,5-TP (Silvex)	16.	U	17.	U			
93-76-5	2,4,5-T	19.	U	20.	U			
88-85-7	Dinoseb	44.	U	46.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 PEST									
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01					
	ORIGINAL ID ----->	637CB00501		637CB00701					
	LAB SAMPLE ID --->	26939.01		28104.01					
	ID FROM REPORT -->	637CB00501		637CB00701					
	SAMPLE DATE ----->	09/13/96		01/07/97					
	DATE EXTRACTED -->	09/23/96		01/09/97					
	DATE ANALYZED --->	10/04/96		01/21/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26938	VAL	28103	VAL				
319-84-6	alpha-BHC	1.5	U	1.6	UJ				
319-85-7	beta-BHC	1.5	U	1.6	UJ				
319-86-8	delta-BHC	1.5	U	1.6	UJ				
58-89-9	gamma-BHC (Lindane)	1.5	U	1.6	UJ				
76-44-8	Heptachlor	1.5	UJ	1.6	UJ				
309-00-2	Aldrin	1.5	U	1.6	UJ				
1024-57-3	Heptachlor epoxide	1.5	U	1.6	UJ				
959-98-8	Endosulfan I	1.5	U	1.6	UJ				
60-57-1	Dieldrin	2.9	U	3.1	UJ				
72-55-9	4,4'-DDE	2.9	U	3.1	UJ				
72-20-8	Endrin	2.9	U	3.1	UJ				
33213-65-9	Endosulfan II	2.9	U	3.1	UJ				
72-54-8	4,4'-DDD	2.9	U	3.1	UJ				
1031-07-8	Endosulfan sulfate	2.9	U	3.1	UJ				
50-29-3	4,4'-DDT	2.9	U	3.1	UJ				
72-43-5	Methoxychlor	15.	U	16.	UJ				
53494-70-5	Endrin ketone	2.9	U	3.1	UJ				
7421-93-4	Endrin aldehyde	2.9	U	3.1	UJ				
5103-71-9	alpha-Chlordane	1.5	U	1.6	UJ				
5103-74-2	gamma-Chlordane	1.9		1.6	UJ				
8001-35-2	Toxaphene	98.	U	100.	UJ				
12674-11-2	Aroclor-1016	39.	U	41.	UJ				
11104-28-2	Aroclor-1221	39.	U	41.	UJ				
11141-16-5	Aroclor-1232	39.	U	41.	UJ				
53469-21-9	Aroclor-1242	39.	U	41.	UJ				
12672-29-6	Aroclor-1248	39.	U	41.	UJ				
11097-69-1	Aroclor-1254	79.	U	84.	UJ				
11096-82-5	Aroclor-1260	79.	U	84.	UJ				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 SVOA								
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
	ORIGINAL ID ----->	637CB00501		637CB00701				
	LAB SAMPLE ID --->	26939.01		28104.01				
	ID FROM REPORT -->	637CB00501		637CB00701				
	SAMPLE DATE ----->	09/13/96		01/07/97				
	DATE EXTRACTED -->	09/17/96		01/09/97				
	DATE ANALYZED --->	09/23/96		01/20/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	26938	VAL	28103	VAL			
108-95-2	Phenol	390.	U	410.	U			
111-44-4	bis(2-Chloroethyl)ether	390.	U	410.	U			
95-57-8	2-Chlorophenol	390.	U	410.	U			
541-73-1	1,3-Dichlorobenzene	390.	U	410.	U			
106-46-7	1,4-Dichlorobenzene	390.	U	410.	U			
100-51-6	Benzyl alcohol	390.	U	410.	U			
95-50-1	1,2-Dichlorobenzene	390.	U	410.	U			
95-48-7	2-Methylphenol (o-Cresol)	390.	U	410.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	410.	U			
106-44-5	4-Methylphenol (p-Cresol)	390.	U	410.	U			
621-64-7	N-Nitroso-di-n-propylamine	390.	U	410.	U			
67-72-1	Hexachloroethane	390.	U	410.	U			
98-95-3	Nitrobenzene	390.	U	410.	U			
78-59-1	Isophorone	390.	U	410.	U			
88-75-5	2-Nitrophenol	390.	U	410.	U			
105-67-9	2,4-Dimethylphenol	390.	U	410.	U			
111-91-1	bis(2-Chloroethoxy)methane	390.	U	410.	U			
120-83-2	2,4-Dichlorophenol	390.	U	410.	U			
120-82-1	1,2,4-Trichlorobenzene	390.	U	410.	U			
91-20-3	Naphthalene	390.	U	410.	U			
106-47-8	4-Chloroaniline	390.	U	410.	U			
87-68-3	Hexachlorobutadiene	390.	U	410.	U			
59-50-7	4-Chloro-3-methylphenol	390.	U	410.	U			
91-57-6	2-Methylnaphthalene	390.	U	410.	U			
77-47-4	Hexachlorocyclopentadiene	390.	U	410.	U			
88-06-2	2,4,6-Trichlorophenol	390.	U	410.	U			
95-95-4	2,4,5-Trichlorophenol	1900.	U	2000.	U			
91-58-7	2-Chloronaphthalene	390.	U	410.	U			
88-74-4	2-Nitroaniline	1900.	U	2000.	U			
131-11-3	Dimethyl phthalate	390.	U	410.	U			
208-96-8	Acenaphthylene	390.	U	410.	U			
606-20-2	2,6-Dinitrotoluene	390.	U	410.	U			
99-09-2	3-Nitroaniline	1900.	U	2000.	U			
83-32-9	Acenaphthene	390.	U	410.	U			
51-28-5	2,4-Dinitrophenol	1900.	U	2000.	U			
100-02-7	4-Nitrophenol	1900.	U	2000.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 SVOA					
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01	
	ORIGINAL ID ----->	637CB00501		637CB00701	
	LAB SAMPLE ID --->	26939.01		28104.01	
	ID FROM REPORT -->	637CB00501		637CB00701	
	SAMPLE DATE ----->	09/13/96		01/07/97	
	DATE EXTRACTED -->	09/17/96		01/09/97	
	DATE ANALYZED --->	09/23/96		01/20/97	
	MATRIX ---------->	Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG	
CAS #	Parameter	26938	VAL	28103	VAL
132-64-9	Dibenzofuran	390.	U	410.	U
121-14-2	2,4-Dinitrotoluene	390.	U	410.	U
84-66-2	Diethylphthalate	390.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	410.	U
86-73-7	Fluorene	390.	U	410.	U
100-01-6	4-Nitroaniline	1900.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	410.	U
118-74-1	Hexachlorobenzene	390.	U	410.	U
87-86-5	Pentachlorophenol	1900.	U	2000.	U
85-01-8	Phenanthrene	82.	J	260.	J
120-12-7	Anthracene	390.	U	410.	U
86-74-8	Carbazole	390.	UR	410.	UR
84-74-2	Di-n-butylphthalate	390.	U	410.	U
206-44-0	Fluoranthene	150.	J	230.	J
129-00-0	Pyrene	120.	J	290.	J
85-68-7	Butylbenzylphthalate	390.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	820.	U
56-55-3	Benzo(a)anthracene	56.	J	120.	J
218-01-9	Chrysene	51.	J	130.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	40.	J	410.	U
117-84-0	Di-n-octyl phthalate	390.	U	410.	U
205-99-2	Benzo(b)fluoranthene	54.	J	110.	J
207-08-9	Benzo(k)fluoranthene	40.	J	110.	J
50-32-8	Benzo(a)pyrene	56.	J	130.	J
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U	67.	J
53-70-3	Dibenz(a,h)anthracene	390.	U	410.	U
191-24-2	Benzo(g,h,i)perylene	50.	J	95.	J
110-86-1	Pyridine	390.	U	410.	U
62-75-9	N-Nitrosodimethylamine	390.	U	410.	U
66-27-3	Methyl methanesulfonate	1900.	U	2000.	U
62-53-3	Aniline	390.	U	410.	U
10595-95-6	N-Nitrosomethylethylamine	390.	U	410.	U
55-18-5	N-Nitrosodiethylamine	390.	U	410.	U
62-50-0	Ethyl methanesulfonate	390.	U	410.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
ORIGINAL ID ----->	637CB00501		637CB00701				
LAB SAMPLE ID --->	26939.01		28104.01				
ID FROM REPORT -->	637CB00501		637CB00701				
SAMPLE DATE ----->	09/13/96		01/07/97				
DATE EXTRACTED -->	09/17/96		01/09/97				
DATE ANALYZED --->	09/23/96		01/20/97				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	26938	VAL	28103	VAL			
109-06-8 2-Picoline	390.	U	410.	U			
98-86-2 Acetophenone	390.	U	410.	U			
930-55-2 N-Nitrosopyrrolidine	390.	UJ	410.	U			
108-39-4 3-Methylphenol (m-Cresol)	390.	U	410.	U			
59-89-2 N-Nitrosomorpholine	390.	U	410.	U			
95-53-4 o-Toluidine	390.	U	410.	U			
96-12-8 1,2-Dibromo-3-Chloropropane	390.	UR	410.	UR			
100-75-4 N-Nitrosopiperidine	390.	U	410.	U			
126-68-1 O,O,O-Triethylphosphorothioate	390.	U	410.	U			
122-09-8 a,a-Dimethylphenethylamine	390.	U	410.	U			
87-65-0 2,6-Dichlorophenol	390.	UJ	410.	U			
1888-71-7 Hexachloropropene	390.	U	410.	U			
106-50-3 p-Phenylenediamine	1900.	U	2000.	U			
924-16-3 N-Nitroso-di-n-butylamine	390.	U	410.	U			
95-94-3 1,2,4,5-Tetrachlorobenzene	390.	U	410.	UJ			
94-59-7 Safrole	390.	UJ	410.	UJ			
120-58-1 Isosafrole	390.	U	410.	UJ			
130-15-4 1,4-Naphthoquinone	390.	UJ	410.	U			
99-65-0 1,3-Dinitrobenzene	390.	UJ	410.	U			
58-90-2 2,3,4,6-Tetrachlorophenol	390.	U	410.	U			
608-93-5 Pentachlorobenzene	390.	U	410.	UJ			
134-32-7 1-Naphthylamine	390.	U	410.	UJ			
56-57-5 4-Nitroquinoline 1-oxide	1900.	U	2000.	U			
91-59-8 2-Naphthylamine	390.	U	410.	U			
297-97-2 Thionazin	780.	U	820.	U			
99-55-8 5-Nitro-o-toluidine	390.	UJ	410.	UJ			
122-39-4 Diphenylamine	390.	U	410.	UJ			
3689-24-5 Sulfotep	780.	U	820.	U			
99-35-4 1,3,5-Trinitrobenzene	390.	UJ	410.	U			
298-02-2 Phorate	390.	U	410.	U			
62-44-2 Phenacetin	390.	U	410.	U			
2303-16-4 Diallate	390.	UJ	410.	U			
60-51-5 Dimethoate	390.	U	410.	U			
92-67-1 4-Aminobiphenyl	390.	U	410.	U			
23950-58-5 Pronamide	390.	U	410.	UJ			
82-68-8 Pentachloronitrobenzene	1900.	UR	2000.	UJ			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 SVOA

	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01					
	ORIGINAL ID ----->	637CB00501		637CB00701					
	LAB SAMPLE ID --->	26939.01		28104.01					
	ID FROM REPORT -->	637CBD0501		637CB00701					
	SAMPLE DATE ----->	09/13/96		01/07/97					
	DATE EXTRACTED -->	09/17/96		01/09/97					
	DATE ANALYZED --->	09/23/96		01/20/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26938	VAL	28103	VAL				
298-04-4	Disulfoton	390.	U	410.	U				
88-85-7	Dinoseb	390.	U	410.	U				
298-00-0	Methyl parathion	780.	U	820.	U				
56-38-2	Parathion	780.	UJ	820.	U				
91-80-5	Methapyrilene	780.	U	820.	U				
465-73-6	Isodrin	780.	U	820.	U				
140-57-8	Aramite	1900.	UR	2000.	UR				
60-11-7	p-(Dimethylamino)azobenzene	390.	U	410.	U				
510-15-6	Chlorobenzilate	390.	U	410.	U				
119-93-7	3,3-Dimethylbenzidine	390.	U	410.	U				
143-50-0	Kepone	1900.	U	2000.	UJ				
52-85-7	Famphur	390.	UJ	410.	U				
53-96-3	Acetamidofluorene	390.	U	410.	U				
57-97-6	7,12-Dimethylbenz(a)anthracene	1900.	U	2000.	U				
70-30-4	Hexachlorophene	7900.	UR	8200.	UR				
56-49-5	3-Methyl cholanthrene	390.	UR	410.	UR				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 VOA									
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01					
	ORIGINAL ID ----->	637CB00501		637CB00701					
	LAB SAMPLE ID --->	26939.01		28104.01					
	ID FROM REPORT -->	637CB00501		637CB00701					
	SAMPLE DATE ----->	09/13/96		01/07/97					
	DATE ANALYZED --->	09/23/96		01/13/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26938	VAL	28103	VAL				
74-87-3	Chloromethane	12.	U	12.	U				
74-83-9	Bromomethane	12.	U	12.	U				
75-01-4	Vinyl chloride	12.	U	12.	U				
75-00-3	Chloroethane	12.	U	12.	U				
75-09-2	Methylene chloride	24.	U	6.	U				
67-64-1	Acetone	34.	UJ	12.	U				
75-15-0	Carbon disulfide	6.	U	6.	U				
75-35-4	1,1-Dichloroethene	6.	U	6.	U				
75-34-3	1,1-Dichloroethane	6.	U	6.	U				
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U				
67-66-3	Chloroform	6.	U	6.	U				
107-06-2	1,2-Dichloroethane	6.	U	6.	U				
78-93-3	2-Butanone (MEK)	12.	UJ	12.	U				
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U				
56-23-5	Carbon tetrachloride	6.	U	6.	U				
108-05-4	Vinyl acetate	12.	U	12.	U				
75-27-4	Bromodichloromethane	6.	U	6.	U				
78-87-5	1,2-Dichloropropane	6.	U	6.	U				
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U				
79-01-6	Trichloroethene	6.	U	6.	U				
124-48-1	Dibromochloromethane	6.	U	6.	U				
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U				
71-43-2	Benzene	6.	U	6.	U				
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U				
75-25-2	Bromoform	6.	U	6.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U				
591-78-6	2-Hexanone	12.	U	12.	U				
127-18-4	Tetrachloroethene	6.	U	6.	U				
108-88-3	Toluene	6.	U	6.	U				
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U				
108-90-7	Chlorobenzene	6.	U	6.	U				
100-41-4	Ethylbenzene	6.	U	6.	U				
100-42-5	Styrene	6.	U	6.	U				
1330-20-7	Xylene (Total)	6.	U	6.	U				
110-75-8	2-Chloroethyl vinyl ether	12.	UJ	12.	U				
107-02-8	Acrolein	59.	UR	62.	UR				
74-88-4	Methyl iodide	6.	U	6.	UJ				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

APX9 VOA									
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01					
	ORIGINAL ID ----->	637CB00501		637CB00701					
	LAB SAMPLE ID --->	26939.01		28104.01					
	ID FROM REPORT -->	637CB00501		637CB00701					
	SAMPLE DATE ----->	09/13/96		01/07/97					
	DATE ANALYZED --->	09/23/96		01/13/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	26938	VAL	28103	VAL				
107-05-1	3-Chloropropene	6.	U	6.	U				
126-99-8	Chloroprene	6.	U	6.	U				
110-57-6	trans-1,4-Dichloro-2-butene	6.	U	6.	U				
76-01-7	Pentachloroethane	6.	U	6.	U				
75-05-8	Acetonitrile	240.	UR	250.	UJ				
107-13-1	Acrylonitrile	59.	U	62.	U				
107-12-0	Propionitrile	120.	U	120.	U				
126-98-7	Methacrylonitrile	120.	U	120.	U				
78-83-1	Isobutyl alcohol	240.	UR	250.	UR				
123-91-1	1,4-Dioxane	590.	UR	620.	UR				
80-62-6	Methyl methacrylate	6.	U	6.	U				
97-63-2	Ethyl methacrylate	6.	U	6.	U				
106-93-4	1, 2-Dibromoethane	6.	U	6.	U				
630-20-6	1,1,1,2-Tetrachloroethane	6.	U	6.	U				
96-18-4	1,2,3-Trichloropropane	6.	U	6.	U				
75-71-8	Dichlorodifluoromethane	6.	U	6.	U				
75-69-4	Trichlorofluoromethane	6.	U	6.	U				
74-95-3	Methylene bromide	12.	U	12.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	12.	U	12.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	637-S-B007-P1					
	ORIGINAL ID ----->	637SB007P1					
	LAB SAMPLE ID --->	28312.03					
	ID FROM REPORT -->	637SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	28.5					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	637-S-B001-01		637-S-B002-01		637-S-B003-01		637-S-B003-02		637-S-B004-01		637-S-B005-01	
	ORIGINAL ID ----->	637SB00101		637SB00201		637SB00301		637SB00302		637SB00401		637SB00501	
	LAB SAMPLE ID --->	26938.02		26938.03		26938.07		26938.08		26938.05		26938.06	
	ID FROM REPORT -->	637SB00101		637SB00201		637SB00301		637SB00302		637SB00401		637SB00501	
	SAMPLE DATE ----->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	09/23/96		09/23/96		09/23/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	09/24/96		09/24/96		09/24/96		09/24/96		09/24/96		09/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
57-12-5	Cyanide (CN)	0.27	J	0.12	U	0.11	U	0.15	J	0.11	U	0.14	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

CYANIDE								
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
	ORIGINAL ID ----->	637CB00501		637CB00701				
	LAB SAMPLE ID --->	26939.01		28104.01				
	ID FROM REPORT -->	637CB00501		637CB00701				
	SAMPLE DATE ----->	09/13/96		01/07/97				
	DATE EXTRACTED -->	09/23/96		01/09/97				
	DATE ANALYZED --->	09/24/96		01/09/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	26938	VAL	28103	VAL			
57-12-5	Cyanide (CN)	0.12	U	0.12	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	637-S-B001-01		637-S-B002-01		637-S-B003-01		637-S-B003-02		637-S-B004-01		637-S-B005-01	
	ORIGINAL ID ----->	637SB00101		637SB00201		637SB00301		637SB00302		637SB00401		637SB00501	
	LAB SAMPLE ID --->	26938.02		26938.03		26938.07		26938.08		26938.05		26938.06	
	ID FROM REPORT -->	637SB00101		637SB00201		637SB00301		637SB00302		637SB00401		637SB00501	
	SAMPLE DATE ----->	09/13/96		09/13/96		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	09/18/96		09/18/96		09/18/96		09/18/96		09/18/96		09/18/96	
	DATE ANALYZED --->	09/24/96		09/24/96		09/24/96		09/24/96		09/24/96		09/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
2691-41-0	HMX	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U	2200.	U
121-82-4	RDX (Cyclonite)	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U	1000.	U
99-35-4	1,3,5-Trinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
479-45-8	Tetryl	650.	U	650.	U	650.	U	650.	U	650.	U	650.	U
99-65-0	1,3-Dinitrobenzene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
98-95-3	Nitrobenzene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
606-20-2	2,6-Dinitrotoluene	260.	U	260.	U	260.	U	260.	U	260.	U	260.	U
121-14-2	2,4-Dinitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
88-72-2	o-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-99-0	p-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U
99-08-1	m-Nitrotoluene	250.	U	250.	U	250.	U	250.	U	250.	U	250.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

EXPLOSIVES

SAMPLE ID ------->	637-C-B005-01
ORIGINAL ID ----->	637CB00501
LAB SAMPLE ID --->	26939.01
ID FROM REPORT -->	637CB00501
SAMPLE DATE ----->	09/13/96
DATE EXTRACTED -->	09/18/96
DATE ANALYZED --->	09/27/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26938	VAL
2691-41-0	HMX	2200.	U
121-82-4	RDX (Cyclonite)	1000.	U
99-35-4	1,3,5-Trinitrobenzene	250.	U
479-45-8	Tetryl	650.	U
99-65-0	1,3-Dinitrobenzene	250.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	250.	U
98-95-3	Nitrobenzene	260.	U
606-20-2	2,6-Dinitrotoluene	260.	U
121-14-2	2,4-Dinitrotoluene	250.	U
88-72-2	o-Nitrotoluene	250.	U
99-99-0	p-Nitrotoluene	250.	U
99-08-1	m-Nitrotoluene	250.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

HEXACHROME								
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
	ORIGINAL ID ----->	637CB00501		637CB00701				
	LAB SAMPLE ID --->	26939.01		28104.01				
	ID FROM REPORT -->	637CB00501		637CB00701				
	SAMPLE DATE ----->	09/13/96		01/07/97				
	DATE EXTRACTED -->	09/16/96		01/08/97				
	DATE ANALYZED --->	09/16/96		01/08/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	26938	VAL	28103	VAL			
18540-29-9	Chromium (Hexavalent)	0.295	U	0.311	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

HYDRAZINE	SAMPLE ID ------->	637-S-B001-01	637-S-B002-01	637-S-B003-01	637-S-B003-02	637-S-B004-01	637-S-B005-01
	ORIGINAL ID ----->	637SB00101	637SB00201	637SB00301	637SB00302	637SB00401	637SB00501
	LAB SAMPLE ID --->	26938.02	26938.03	26938.07	26938.08	26938.05	26938.06
	ID FROM REPORT -->	637SB00101	637SB00201	637SB00301	637SB00302	637SB00401	637SB00501
	SAMPLE DATE ----->	09/13/96	09/13/96	09/13/96	09/13/96	09/13/96	09/13/96
	DATE ANALYZED --->	10/18/96	10/18/96	10/18/96	10/18/96	10/18/96	10/18/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
302-01-2	Hydrazine	171.		129.		213.		323.		120.		118.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

HYDRAZINE

SAMPLE ID ------->	637-C-B005-01
ORIGINAL ID ----->	637CB00501
LAB SAMPLE ID --->	26939.01
ID FROM REPORT -->	637CB00501
SAMPLE DATE ----->	09/13/96
DATE ANALYZED --->	10/18/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26938	VAL
302-01-2	Hydrazine	13.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

PH							
	SAMPLE ID ------->	637-S-8007-P1					
	ORIGINAL ID ----->	637SB007P1					
	LAB SAMPLE ID --->	28312.03					
	ID FROM REPORT -->	637SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/14/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	SU					
CAS #	Parameter	28298					
9999900-09-4	pH	7.56					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-DIOX								
	SAMPLE ID ------->	637-C-B005-01		637-C-B007-01				
	ORIGINAL ID ----->	637CB00501		637CB00701				
	LAB SAMPLE ID --->	26939.01		28104.01				
	ID FROM REPORT -->	637CB00501		637CB00701				
	SAMPLE DATE ----->	09/13/96		01/07/97				
	DATE EXTRACTED -->	09/16/96		01/09/97				
	DATE ANALYZED --->	09/18/96		01/13/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	NG/KG		NG/KG				
CAS #	Parameter	26938	VAL	28103	VAL			
1746-01-6	2378-TCDD	0.241	U	0.347	U			
40321-76-4	12378-PeCDD	0.206	U	0.886	U			
39227-28-6	123478-HxCDD	0.549	U	0.357	U			
57653-85-7	123678-HxCDD	0.398	U	0.738				
19408-74-3	123789-HxCDD	0.415	U	1.25				
35822-46-9	1234678-HpCDD	14.9		18.5				
3268-87-9	OCDD	115.		183.				
51207-31-9	2378-TCDF	0.141	U	0.274	U			
57117-41-6	12378-PeCDF	0.184	U	0.325	U			
57117-31-4	23478-PeCDF	0.177	U	0.326	U			
70648-26-9	123478-HxCDF	0.572		0.319	U			
57117-44-9	123678-HxCDF	0.152	U	0.25	U			
72918-21-9	123789-HxCDF	0.205	U	0.361	U			
60851-34-5	234678-HxCDF	0.194	U	0.327	U			
67562-39-4	1234678-HpCDF	1.76		2.66	U			
55673-89-7	1234789-HpCDF	0.454	U	0.458	U			
39001-02-0	OCDF	1.3		4.35				
41903-57-5	Total Tetra-Dioxins	2.87		5.33				
36088-22-9	Total Penta-Dioxins	1.12		2.3				
34465-46-8	Total Hexa-Dioxins	17.6		39.				
37871-00-4	Total Hepta-Dioxins	44.3		79.2				
55722-27-5	Total Tetra-Furans	0.141	U	0.274	U			
30602-15-4	Total Penta-Furans	0.177	U	1.08				
55684-94-1	Total Hexa-Furans	2.28		2.47				
38998-75-3	Total Hepta-Furans	4.1		2.66				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-S-B001-01		637-S-B002-01		637-S-B003-01		637-S-B003-02	
	ORIGINAL ID ----->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	LAB SAMPLE ID --->	28896.02		28896.01		26938.02		26938.03		26938.07		26938.08	
	ID FROM REPORT -->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	03/28/97		03/26/97		09/16/96		09/16/96		09/16/96		09/16/96	
	DATE ANALYZED --->	03/31/97		03/31/97		09/27/96		09/27/96		09/27/96		09/27/96	
	MATRIX ---------->	Sediment		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		UG/L		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
7429-90-5	Aluminum (Al)	3950.		16000.		4470.		7160.		5420.		5860.	
7440-36-0	Antimony (Sb)	3.6	J	9.8	J	0.32	UJ	0.36	UJ	0.33	UJ	1.5	J
7440-38-2	Arsenic (As)	3.2		29.		7.3		6.9		6.8		5.9	
7440-39-3	Barium (Ba)	172.		1720.		37.1		25.		36.8		21.6	
7440-41-7	Beryllium (Be)	0.27	J	1.4	J	0.38		0.45		0.45		0.42	
7440-43-9	Cadmium (Cd)	0.66	J	4.2	J	0.5	J	0.59	J	0.38	J	0.82	
7440-70-2	Calcium (Ca)	33600.		465000.		92200.		46300.		38300.		42500.	
7440-47-3	Chromium (Cr)	32.2		131.		20.1		22.7		19.4		21.4	
7440-48-4	Cobalt (Co)	3.6	J	10.9	J	2.6		2.	J	3.1		1.6	J
7440-50-8	Copper (Cu)	221.		696.		38.9		63.9		107.		144.	
7439-89-6	Iron (Fe)	7040.		35100.		5840.		7770.		8240.		8290.	
7439-92-1	Lead (Pb)	73.5		283.		98.		57.9		93.8		340.	
7439-95-4	Magnesium (Mg)	1270.		121000.		1500.		1810.		1430.		1550.	
7439-96-5	Manganese (Mn)	50.6		846.		91.6		85.1		123.		99.4	
7439-97-6	Mercury (Hg)	0.17		2.2		0.17		0.62		0.2		0.29	
7440-02-0	Nickel (Ni)	46.4		70.5		10.4		13.8		12.6		22.6	
7440-09-7	Potassium (K)	443.	J	67000.		498.	J	689.		571.		487.	J
7782-49-2	Selenium (Se)	0.55	J	3.4	U	0.46	J	0.67		0.77		0.75	
7440-22-4	Silver (Ag)	0.25	U	1.	U	0.21	UJ	0.23	UJ	0.21	UJ	0.24	UJ
7440-23-5	Sodium (Na)	1110.		1070000.		356.		363.		325.		375.	
7440-28-0	Thallium (Tl)	0.69	J	5.	U	0.37	U	0.82	J	0.37	U	0.64	J
7440-31-5	Tin (Sn)	9.7	J	17.7	J	3.4	U	3.5	U	10.6		3.8	U
7440-62-2	Vanadium (V)	21.3		67.5		12.9		19.9		20.		17.8	
7440-66-6	Zinc (Zn)	202.	J	1040.		173.		217.		234.		215.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	637-S-B004-01		637-S-B005-01		637-C-B005-01		637-S-B006-01		637-S-B006-02		637-S-B007-01	
	ORIGINAL ID ----->	637SB00401		637SB00501		637CB00501		637SB00601		637SB00602		637SB00701	
	LAB SAMPLE ID --->	26938.05		26938.06		26939.01		28103.11		28103.12		28103.10	
	ID FROM REPORT -->	637SB00401		637SB00501		637CB00501		637SB00601		637SB00602		637SB00701	
	SAMPLE DATE ----->	09/13/96		09/13/96		09/13/96		01/07/97		01/07/97		01/07/97	
	DATE EXTRACTED -->	09/16/96		09/16/96		09/16/96		01/14/97		01/14/97		01/14/97	
	DATE ANALYZED --->	09/27/96		09/27/96		09/27/96		01/15/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26938	VAL	26938	VAL	26938	VAL	28103	VAL	28103	VAL	28103	VAL
7429-90-5	Aluminum (Al)	4010.		5910.		4160.		5390.		7960.		12800.	
7440-36-0	Antimony (Sb)	0.34	UJ	0.43	UJ	0.35	UJ	0.47	J	0.36	U	0.37	U
7440-38-2	Arsenic (As)	4.2		9.8		6.7		6.		7.5		24.4	J
7440-39-3	Barium (Ba)	14.6		12.3		10.9		40.3		23.		35.8	
7440-41-7	Beryllium (Be)	0.27		0.6		0.45		0.38		0.56		0.79	
7440-43-9	Cadmium (Cd)	0.09	J	0.32	J	0.86		0.44	J	0.18	J	0.39	J
7440-70-2	Calcium (Ca)	9270.		95500.		50600.	J	103000.		25900.		40900.	
7440-47-3	Chromium (Cr)	8.5		30.7		20.3		14.1		18.		30.5	
7440-48-4	Cobalt (Co)	0.92	J	1.9	J	1.5	J	2.8		2.2	J	4.	
7440-50-8	Copper (Cu)	11.1		12.6		9.9		34.1		12.7		34.8	
7439-89-6	Iron (Fe)	4030.		8430.		6300.		5520.		8400.		17900.	
7439-92-1	Lead (Pb)	16.8		12.1		16.		51.8		16.9		52.7	J
7439-95-4	Magnesium (Mg)	580.		3000.		1810.		1680.		2500.		3180.	
7439-96-5	Manganese (Mn)	33.2		85.7		64.9		115.		100.		247.	J
7439-97-6	Mercury (Hg)	0.07	U	0.05	U	0.05	U	0.29		0.07		0.21	
7440-02-0	Nickel (Ni)	4.1	J	15.5		9.1		22.1		6.3		10.9	
7440-09-7	Potassium (K)	239.	J	830.		558.	J	702.		881.		1380.	
7782-49-2	Selenium (Se)	0.34	U	1.2		1.		0.33	U	0.36	U	0.37	U
7440-22-4	Silver (Ag)	0.21	UJ	0.27	UJ	0.22	UJ	0.21	U	0.23	U	0.24	U
7440-23-5	Sodium (Na)	348.		558.		451.		418.		699.		546.	
7440-28-0	Thallium (Tl)	0.38	U	0.48	U	0.4	U	0.38	U	0.65	J	1.2	J
7440-31-5	Tin (Sn)	2.	U	1.1	U	1.	U	4.8	J	1.9	J	1.7	J
7440-62-2	Vanadium (V)	8.9		24.7		17.4		14.7		18.5		35.9	
7440-66-6	Zinc (Zn)	39.7		57.5		47.		84.3		97.6		114.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-META

SAMPLE ID ------->	637-C-B007-01
ORIGINAL ID ----->	637CB00701
LAB SAMPLE ID --->	28104.01
ID FROM REPORT -->	637CB00701
SAMPLE DATE ----->	01/07/97
DATE EXTRACTED -->	01/14/97
DATE ANALYZED --->	01/15/97
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	28103	VAL
7429-90-5	Aluminum (Al)	16600.	
7440-36-0	Antimony (Sb)	0.37	U
7440-38-2	Arsenic (As)	13.6	J
7440-39-3	Barium (Ba)	25.4	
7440-41-7	Beryllium (Be)	0.78	
7440-43-9	Cadmium (Cd)	0.37	J
7440-70-2	Calcium (Ca)	47200.	
7440-47-3	Chromium (Cr)	30.3	
7440-48-4	Cobalt (Co)	4.	J
7440-50-8	Copper (Cu)	31.3	
7439-89-6	Iron (Fe)	15300.	
7439-92-1	Lead (Pb)	27.8	J
7439-95-4	Magnesium (Mg)	2800.	J
7439-96-5	Manganese (Mn)	125.	J
7439-97-6	Mercury (Hg)	0.07	
7440-02-0	Nickel (Ni)	11.2	J
7440-09-7	Potassium (K)	1440.	
7782-49-2	Selenium (Se)	0.37	U
7440-22-4	Silver (Ag)	0.24	U
7440-23-5	Sodium (Na)	604.	
7440-28-0	Thallium (Tl)	0.92	J
7440-31-5	Tin (Sn)	1.6	J
7440-62-2	Vanadium (V)	38.2	
7440-66-6	Zinc (Zn)	90.2	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-OP P											
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-C-B005-01		637-C-B007-01			
	ORIGINAL ID ----->	637M000101		637W000101		637CB00501		637CB00701			
	LAB SAMPLE ID --->	28896.02		28896.01		26939.01		28104.01			
	ID FROM REPORT -->	637M000101		637W000101		637CB00501		637CB00701			
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		01/07/97			
	DATE EXTRACTED -->	03/24/97		03/24/97		09/17/96		01/09/97			
	DATE ANALYZED --->	03/28/97		03/27/97		10/04/96		01/14/97			
	MATRIX ---------->	Sediment		Water		Soil		Soil			
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG			
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	28103	VAL		
298-02-2	Phorate	162.	U	1.8	U	79.	U	83.	UJ		
298-04-4	Disulfoton	176.	U	2.2	U	142.	U	149.	UJ		
298-00-0	Methyl parathion	26.	U	0.4	U	20.	U	21.	UJ		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-PEST															
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-S-B001-01		637-S-B002-01		637-S-B003-01		637-S-B003-02	
	ORIGINAL ID ----->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	LAB SAMPLE ID --->	28896.02		28896.01		26938.02		26938.03		26938.07		26938.08	
	ID FROM REPORT -->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	03/24/97		03/24/97		09/23/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	04/04/97		03/27/97		10/01/96		10/03/96		10/01/96		10/04/96	
	MATRIX ---------->	Sediment		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
319-84-6	alpha-BHC	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
319-85-7	beta-BHC	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
319-86-8	delta-BHC	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
58-89-9	gamma-BHC (Lindane)	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
76-44-8	Heptachlor	4.6	U	0.04	U	1.4	U	1.5	U	13.	J	1.6	U
309-00-2	Aldrin	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
1024-57-3	Heptachlor epoxide	0.96	U	0.04	U	1.4	U	1.5	U	2.8		1.6	U
959-98-8	Endosulfan I	0.96	U	0.04	U	1.4	U	1.5	U	1.4	U	1.6	U
60-57-1	Dieldrin	5.6		0.08	U	2.7	U	3.	U	2.7	U	3.1	U
72-55-9	4,4'-DDE	5.	U	0.08	U	14.	J	4.1		2.7	U	3.1	U
72-20-8	Endrin	1.8	U	0.08	U	2.7	U	4.6	U	15.		3.1	U
33213-65-9	Endosulfan II	1.8	U	0.08	U	2.7	U	3.	U	2.7	U	3.1	U
72-54-8	4,4'-DDD	1.8	U	0.08	U	2.7	U	3.	U	2.7	U	3.1	U
1031-07-8	Endosulfan sulfate	1.8	U	0.08	U	2.7	U	3.	U	2.7	U	3.1	U
50-29-3	4,4'-DDT	9.7	U	0.08	U	2.7	U	13.	U	10.	U	3.1	U
72-43-5	Methoxychlor	9.6	U	0.38	U	14.	U	15.	U	14.	U	16.	U
53494-70-5	Endrin ketone	1.8	U	0.08	U	2.7	U	3.	U	2.7	U	3.1	U
7421-93-4	Endrin aldehyde	9.4		0.08	U	2.7	U	3.	U	2.7	U	3.1	U
5103-71-9	alpha-Chlordane	0.96	U	0.04	U	2.6		1.5	U	39.	D	1.6	U
5103-74-2	gamma-Chlordane	15.	J	0.04	U	8.		2.9		73.	DJ	4.7	
8001-35-2	Toxaphene	61.	U	2.5	U	90.	U	99.	U	91.	U	100.	U
12674-11-2	Aroclor-1016	210.	J	1.	U	36.	U	39.	U	36.	U	41.	U
11104-28-2	Aroclor-1221	24.	U	1.	U	36.	U	39.	U	36.	U	41.	U
11141-16-5	Aroclor-1232	24.	U	1.	U	36.	U	39.	U	36.	U	41.	U
53469-21-9	Aroclor-1242	24.	U	1.	U	36.	U	39.	U	36.	U	41.	U
12672-29-6	Aroclor-1248	24.	U	1.	U	36.	U	39.	U	36.	U	41.	U
11097-69-1	Aroclor-1254	49.	U	2.	U	73.	U	80.	U	74.	U	84.	U
11096-82-5	Aroclor-1260	180.		2.	U	73.	U	120.		74.	U	45.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	637-S-B004-01		637-S-B005-01		637-S-B006-01		637-S-B006-02		637-S-B007-01			
	ORIGINAL ID ----->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701			
	LAB SAMPLE ID --->	26938.05		26938.06		28103.11		28103.12		28103.10			
	ID FROM REPORT -->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701			
	SAMPLE DATE ----->	09/13/96		09/13/96		01/07/97		01/07/97		01/07/97			
	DATE EXTRACTED -->	09/23/96		09/23/96		01/09/97		01/09/97		01/09/97			
	DATE ANALYZED --->	10/04/96		10/03/96		01/21/97		01/21/97		01/21/97			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	26938	VAL	26938	VAL	28103	VAL	28103	VAL	28103	VAL		
319-84-6	alpha-BHC	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
319-85-7	beta-BHC	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
319-86-8	delta-BHC	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
58-89-9	gamma-BHC (Lindane)	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
76-44-8	Heptachlor	1.5	U	3.9	J	1.4	U	1.5	U	1.6	U		
309-00-2	Aldrin	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
1024-57-3	Heptachlor epoxide	1.5	U	1.8	U	5.4	U	1.5	U	1.6	U		
959-98-8	Endosulfan I	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U		
60-57-1	Dieldrin	2.8	U	3.5	U	9.1	U	3.	U	3.1	U		
72-55-9	4,4'-DDE	20.		3.5	U	8.5		3.	U	3.1	U		
72-20-8	Endrin	2.8	U	3.5	U	2.8	U	3.	U	3.1	U		
33213-65-9	Endosulfan II	2.8	U	3.5	U	7.1	U	3.	U	3.3	J		
72-54-8	4,4'-DDD	12.		3.5	U	2.8	U	3.	U	3.1	U		
1031-07-8	Endosulfan sulfate	2.8	U	3.5	U	2.8	U	3.	U	3.1	U		
50-29-3	4,4'-DDT	36.		3.5	U	29.		3.	U	3.1	U		
72-43-5	Methoxychlor	15.	U	18.	U	14.	U	15.	U	16.	U		
53494-70-5	Endrin ketone	2.8	U	3.5	U	11.		3.	U	3.1	U		
7421-93-4	Endrin aldehyde	2.8	U	3.5	U	5.5	J	3.	U	3.1	U		
5103-71-9	alpha-Chlordane	1.5	U	1.8	U	2.6		1.5	U	1.6	U		
5103-74-2	gamma-Chlordane	4.7	J	2.5		2.2		1.5	U	1.6	U		
8001-35-2	Toxaphene	93.	U	120.	U	92.	U	99.	U	100.	U		
12674-11-2	Aroclor-1016	37.	U	46.	U	37.	U	39.	U	41.	U		
11104-28-2	Aroclor-1221	37.	U	46.	U	37.	U	39.	U	41.	U		
11141-16-5	Aroclor-1232	37.	U	46.	U	37.	U	39.	U	41.	U		
53469-21-9	Aroclor-1242	37.	U	46.	U	37.	U	39.	U	41.	U		
12672-29-6	Aroclor-1248	37.	U	46.	U	37.	U	39.	U	41.	U		
11097-69-1	Aroclor-1254	75.	U	94.	U	74.	U	80.	U	84.	U		
11096-82-5	Aroclor-1260	93.	U	94.	U	74.	U	80.	U	84.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-SVOA															
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-S-B001-01 RE		637-S-B002-01		637-S-B003-01		637-S-B003-02	
	ORIGINAL ID ----->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	LAB SAMPLE ID --->	28896.02		28896.01		26938.02		26938.03		26938.07		26938.08	
	ID FROM REPORT -->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	03/24/97		03/21/97		09/17/96		09/17/96		09/17/96		09/17/96	
	DATE ANALYZED --->	04/01/97		03/26/97		10/16/96		10/11/96		10/11/96		10/11/96	
	MATRIX ---------->	Sediment		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
108-95-2	Phenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
95-57-8	2-Chlorophenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
541-73-1	1,3-Dichlorobenzene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
106-46-7	1,4-Dichlorobenzene	210.	J	10.	U	360.	U	390.	U	360.	U	410.	U
100-51-6	Benzyl alcohol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
95-50-1	1,2-Dichlorobenzene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
67-72-1	Hexachloroethane	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
98-95-3	Nitrobenzene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
78-59-1	Isophorone	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
88-75-5	2-Nitrophenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
105-67-9	2,4-Dimethylphenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
65-85-0	Benzoic acid	2400.	U	4.	J	1700.	U	1900.	U	1800.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
120-83-2	2,4-Dichlorophenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
91-20-3	Naphthalene	480.	U	3.	J	160.	J	390.	U	360.	U	410.	U
106-47-8	4-Chloroaniline	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
87-68-3	Hexachlorobutadiene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
91-57-6	2-Methylnaphthalene	480.	U	10.	U	120.	J	390.	U	60.	J	410.	U
77-47-4	Hexachlorocyclopentadiene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
91-58-7	2-Chloronaphthalene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
88-74-4	2-Nitroaniline	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
131-11-3	Dimethyl phthalate	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
208-96-8	Acenaphthylene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
99-09-2	3-Nitroaniline	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
83-32-9	Acenaphthene	480.	U	1.	J	190.	J	390.	U	200.	J	410.	U
51-28-5	2,4-Dinitrophenol	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
100-02-7	4-Nitrophenol	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-S-B001-01 RE		637-S-B002-01		637-S-B003-01		637-S-B003-02	
	ORIGINAL ID ----->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	LAB SAMPLE ID --->	28896.02		28896.01		26938.02		26938.03		26938.07		26938.08	
	ID FROM REPORT -->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE EXTRACTED -->	03/24/97		03/21/97		09/17/96		09/17/96		09/17/96		09/17/96	
	DATE ANALYZED --->	04/01/97		03/26/97		10/16/96		10/11/96		10/11/96		10/11/96	
	MATRIX ---------->	Sediment		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
132-64-9	Dibenzofuran	480.	U	10.	U	100.	J	390.	U	85.	J	410.	U
121-14-2	2,4-Dinitrotoluene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
606-20-2	2,6-Dinitrotoluene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
84-66-2	Diethylphthalate	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
86-73-7	Fluorene	480.	U	10.	U	200.	J	390.	U	150.	J	410.	U
100-01-6	4-Nitroaniline	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	75.	J	10.	U	360.	U	390.	U	360.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
118-74-1	Hexachlorobenzene	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
87-86-5	Pentachlorophenol	2400.	U	50.	U	1700.	U	1900.	U	1800.	U	2000.	U
85-01-8	Phenanthrene	94.	J	1.	J	2400.		160.	J	1500.		410.	U
120-12-7	Anthracene	480.	U	10.	U	380.		390.	U	410.		410.	U
84-74-2	Di-n-butylphthalate	480.	U	10.	U	360.	U	390.	U	360.	U	410.	U
206-44-0	Fluoranthene	240.	J	10.	U	1700.		210.	J	1400.		88.	J
129-00-0	Pyrene	270.	J	10.	U	2600.	J	310.	J	1600.	J	120.	J
85-68-7	Butylbenzylphthalate	480.	U	10.	U	360.	UJ	390.	U	360.	UJ	410.	UJ
91-94-1	3,3'-Dichlorobenzidine	970.	U	20.	U	720.	UJ	780.	U	720.	UJ	820.	UJ
56-55-3	Benzo(a)anthracene	120.	J	10.	U	1000.	J	390.	U	760.	J	410.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	190.	J	2.	J	360.	UJ	84.	J	360.	UJ	410.	UJ
218-01-9	Chrysene	200.	J	10.	U	1200.	J	190.	J	800.	J	410.	UJ
117-84-0	Di-n-octyl phthalate	480.	U	10.	U	360.	UJ	390.	UJ	360.	UJ	410.	UJ
205-99-2	Benzo(b)fluoranthene	140.	J	10.	U	1400.	J	140.	J	680.	J	410.	UJ
207-08-9	Benzo(k)fluoranthene	180.	J	10.	U	360.	UJ	140.	J	580.	J	410.	UJ
50-32-8	Benzo(a)pyrene	110.	J	10.	U	890.	J	390.	UJ	680.	J	410.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	71.	J	10.	U	560.	J	390.	UJ	440.	J	410.	UJ
53-70-3	Dibenz(a,h)anthracene	480.	U	10.	U	320.	J	390.	UJ	360.	UJ	410.	UJ
191-24-2	Benzo(g,h,i)perylene	62.	J	10.	U	680.	J	390.	UJ	440.	J	410.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	637-S-B004-01		637-S-B005-01		637-S-B006-01		637-S-B006-02		637-S-B007-01	
	ORIGINAL ID ----->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701	
	LAB SAMPLE ID --->	26938.05		26938.06		28103.11		28103.12		28103.10	
	ID FROM REPORT -->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701	
	SAMPLE DATE ----->	09/13/96		09/13/96		01/07/97		01/07/97		01/07/97	
	DATE EXTRACTED -->	09/17/96		09/17/96		01/09/97		01/09/97		01/09/97	
	DATE ANALYZED --->	10/11/96		10/11/96		01/14/97		01/14/97		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26938	VAL	26938	VAL	28103	VAL	28103	VAL	28103	VAL
108-95-2	Phenol	370.	U	460.	U	370.	U	390.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	460.	U	370.	U	390.	U	410.	U
95-57-8	2-Chlorophenol	370.	U	460.	U	370.	U	390.	U	410.	U
541-73-1	1,3-Dichlorobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
106-46-7	1,4-Dichlorobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
100-51-6	Benzyl alcohol	370.	U	460.	U	370.	U	390.	U	410.	U
95-50-1	1,2-Dichlorobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	460.	U	370.	U	390.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	460.	U	370.	U	390.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	460.	U	370.	U	390.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	460.	U	370.	U	390.	U	410.	U
67-72-1	Hexachloroethane	370.	U	460.	U	370.	U	390.	U	410.	U
98-95-3	Nitrobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
78-59-1	Isophorone	370.	U	460.	U	370.	U	390.	U	410.	U
88-75-5	2-Nitrophenol	370.	U	460.	U	370.	U	390.	U	410.	U
105-67-9	2,4-Dimethylphenol	370.	U	460.	U	370.	U	390.	U	410.	U
65-85-0	Benzoic acid	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U	460.	U	370.	U	390.	U	410.	U
120-83-2	2,4-Dichlorophenol	370.	U	460.	U	370.	U	390.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
91-20-3	Naphthalene	370.	U	460.	U	77.	J	390.	U	410.	U
106-47-8	4-Chloroaniline	370.	U	460.	U	370.	U	390.	U	410.	U
87-68-3	Hexachlorobutadiene	370.	U	460.	U	370.	U	390.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	460.	U	370.	U	390.	U	410.	U
91-57-6	2-Methylnaphthalene	370.	U	460.	U	55.	J	390.	U	410.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	460.	U	370.	U	390.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	460.	U	370.	U	390.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
91-58-7	2-Chloronaphthalene	370.	U	460.	U	370.	U	390.	U	410.	U
88-74-4	2-Nitroaniline	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
131-11-3	Dimethyl phthalate	370.	U	460.	U	370.	U	390.	U	410.	U
208-96-8	Acenaphthylene	370.	U	460.	U	45.	J	390.	U	410.	U
99-09-2	3-Nitroaniline	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
83-32-9	Acenaphthene	370.	U	460.	U	130.	J	390.	U	100.	J
51-28-5	2,4-Dinitrophenol	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
100-02-7	4-Nitrophenol	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	637-S-B004-01		637-S-B005-01		637-S-B006-01		637-S-B006-02		637-S-B007-01	
	ORIGINAL ID ----->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701	
	LAB SAMPLE ID --->	26938.05		26938.06		28103.11		28103.12		28103.10	
	ID FROM REPORT -->	637SB00401		637SB00501		637SB00601		637SB00602		637SB00701	
	SAMPLE DATE ----->	09/13/96		09/13/96		01/07/97		01/07/97		01/07/97	
	DATE EXTRACTED -->	09/17/96		09/17/96		01/09/97		01/09/97		01/09/97	
	DATE ANALYZED --->	10/11/96		10/11/96		01/14/97		01/14/97		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26938	VAL	26938	VAL	28103	VAL	28103	VAL	28103	VAL
132-64-9	Dibenzofuran	370.	U	460.	U	66.	J	390.	U	410.	U
121-14-2	2,4-Dinitrotoluene	370.	U	460.	U	370.	U	390.	U	410.	U
606-20-2	2,6-Dinitrotoluene	370.	U	460.	U	370.	U	390.	U	410.	U
84-66-2	Diethylphthalate	370.	U	460.	U	370.	U	390.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	460.	U	370.	U	390.	U	410.	U
86-73-7	Fluorene	370.	U	460.	U	160.	J	390.	U	95.	J
100-01-6	4-Nitroaniline	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	460.	U	370.	U	390.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	460.	U	370.	U	390.	U	410.	U
118-74-1	Hexachlorobenzene	370.	U	460.	U	370.	U	390.	U	410.	U
87-86-5	Pentachlorophenol	1800.	U	2200.	U	1800.	U	1900.	U	2000.	U
85-01-8	Phenanthrene	370.	U	460.	U	1300.		120.	J	1300.	J
120-12-7	Anthracene	370.	U	460.	U	260.	J	46.	J	240.	J
84-74-2	Di-n-butylphthalate	370.	U	460.	U	370.	U	390.	U	410.	U
206-44-0	Fluoranthene	59.	J	190.	J	1400.		220.	J	1300.	J
129-00-0	Pyrene	80.	J	210.	J	1400.		180.	J	1500.	J
85-68-7	Butylbenzylphthalate	370.	UJ	460.	UJ	370.	U	390.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	740.	UJ	930.	UJ	730.	U	780.	U	820.	U
56-55-3	Benzo(a)anthracene	370.	UJ	460.	UJ	560.		110.	J	660.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	UJ	160.	J	370.	U	390.	U	410.	U
218-01-9	Chrysene	370.	UJ	460.	UJ	680.		160.	J	770.	J
117-84-0	Di-n-octyl phthalate	370.	UJ	460.	UJ	370.	U	390.	U	410.	U
205-99-2	Benzo(b)fluoranthene	370.	UJ	460.	UJ	370.	U	140.	J	410.	U
207-08-9	Benzo(k)fluoranthene	370.	UJ	460.	UJ	720.		120.	J	600.	J
50-32-8	Benzo(a)pyrene	370.	UJ	460.	UJ	600.		140.	J	590.	J
193-39-5	Indeno(1,2,3-cd)pyrene	370.	UJ	460.	UJ	330.	J	110.	J	270.	J
53-70-3	Dibenz(a,h)anthracene	370.	UJ	460.	UJ	170.	J	47.	J	160.	J
191-24-2	Benzo(g,h,i)perylene	370.	UJ	460.	UJ	400.		120.	J	320.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	637-M-0001-01		637-W-0001-01		637-S-B001-01		637-S-B002-01 RE		637-S-B003-01		637-S-B003-02	
	ORIGINAL ID ----->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	LAB SAMPLE ID --->	28896.02		28896.01		26938.02		26938.03		26938.07		26938.08	
	ID FROM REPORT -->	637M000101		637W000101		637SB00101		637SB00201		637SB00301		637SB00302	
	SAMPLE DATE ----->	03/19/97		03/19/97		09/13/96		09/13/96		09/13/96		09/13/96	
	DATE ANALYZED --->	03/21/97		03/24/97		09/23/96		09/23/96		09/23/96		09/23/96	
	MATRIX ---------->	Sediment		Water		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/L		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28896	VAL	28896	VAL	26938	VAL	26938	VAL	26938	VAL	26938	VAL
74-87-3	Chloromethane	15.	U	10.	U	11.	U	12.	U	11.	U	12.	U
74-83-9	Bromomethane	15.	U	10.	U	11.	U	12.	U	11.	U	12.	U
75-01-4	Vinyl chloride	15.	U	10.	U	11.	U	12.	U	11.	U	12.	U
75-00-3	Chloroethane	15.	UJ	10.	U	11.	U	12.	U	11.	U	12.	U
75-09-2	Methylene chloride	24.	U	5.	U	8.	U	6.	U	5.	U	8.	U
67-64-1	Acetone	61.	U	10.	U	130.	U	17.	U	11.	U	200.	U
75-15-0	Carbon disulfide	7.	U	5.	U	1.	J	6.	U	5.	U	4.	J
75-35-4	1,1-Dichloroethene	7.	U	5.	U	5.	U	6.	U	5.	U	6.	U
75-34-3	1,1-Dichloroethane	7.	U	5.	U	5.	U	6.	U	5.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	7.	U	5.	U	5.	U	6.	U	5.	U	6.	U
67-66-3	Chloroform	7.	U	5.	U	5.	U	6.	U	5.	U	6.	U
107-06-2	1,2-Dichloroethane	7.	U	5.	U	5.	U	6.	U	5.	U	6.	U
78-93-3	2-Butanone (MEK)	7.	J	10.	U	32.	U	6.	U	6.	U	81.	
71-55-6	1,1,1-Trichloroethane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
56-23-5	Carbon tetrachloride	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
108-05-4	Vinyl acetate	15.	U	10.	U	11.	UJ	12.	U	11.	UJ	12.	U
75-27-4	Bromodichloromethane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
78-87-5	1,2-Dichloropropane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
10061-02-6	trans-1,3-Dichloropropene	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
79-01-6	Trichloroethene	4.	J	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
124-48-1	Dibromochloromethane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
79-00-5	1,1,2-Trichloroethane	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
71-43-2	Benzene	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
10061-01-5	cis-1,3-Dichloropropene	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
110-75-8	2-Chloroethyl vinyl ether	15.	U	10.	U	11.	UJ	12.	UJ	11.	UJ	12.	UJ
75-25-2	Bromoform	7.	U	5.	U	5.	UJ	6.	U	5.	UJ	6.	U
591-78-6	2-Hexanone	15.	U	10.	U	11.	UJ	12.	UJ	11.	UJ	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	15.	U	10.	U	11.	UJ	12.	UJ	11.	UJ	12.	U
127-18-4	Tetrachloroethene	7.	U	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U
108-88-3	Toluene	7.	U	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U
108-90-7	Chlorobenzene	6.	J	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U
100-41-4	Ethylbenzene	7.	U	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U
100-42-5	Styrene	7.	U	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U
1330-20-7	Xylene (Total)	7.	U	5.	U	5.	UJ	6.	UJ	5.	UJ	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

SW846-VOA

SAMPLE ID ------->	637-S-B004-01		637-S-B005-01 RE		
ORIGINAL ID ----->	637SB00401		637SB00501		
LAB SAMPLE ID --->	26938.05		26938.06		
ID FROM REPORT -->	637SB00401		637SB00501		
SAMPLE DATE ----->	09/13/96		09/13/96		
DATE ANALYZED --->	09/23/96		09/23/96		
MATRIX ---------->	Soil		Soil		
UNITS ---------->	UG/KG		UG/KG		
CAS # Parameter	26938	VAL	26938	VAL	
74-87-3 Chloromethane	11.	U	14.	U	
74-83-9 Bromomethane	11.	U	14.	U	
75-01-4 Vinyl chloride	11.	U	14.	U	
75-00-3 Chloroethane	11.	U	14.	U	
75-09-2 Methylene chloride	6.	U	7.	U	
67-64-1 Acetone	46.	U	160.	U	
75-15-0 Carbon disulfide	6.	U	7.	U	
75-35-4 1,1-Dichloroethene	6.	U	7.	U	
75-34-3 1,1-Dichloroethane	6.	U	7.	U	
540-59-0 1,2-Dichloroethene (total)	6.	U	7.	U	
67-66-3 Chloroform	6.	U	7.	U	
107-06-2 1,2-Dichloroethane	6.	U	7.	U	
78-93-3 2-Butanone (MEK)	11.	U	8.	U	
71-55-6 1,1,1-Trichloroethane	6.	UJ	7.	UJ	
56-23-5 Carbon tetrachloride	6.	UJ	7.	UJ	
108-05-4 Vinyl acetate	11.	UJ	14.	UJ	
75-27-4 Bromodichloromethane	6.	UJ	7.	UJ	
79-34-5 1,1,2,2-Tetrachloroethane	6.	UJ	7.	UJ	
78-87-5 1,2-Dichloropropane	6.	UJ	7.	UJ	
10061-02-6 trans-1,3-Dichloropropene	6.	UJ	7.	UJ	
79-01-6 Trichloroethene	6.	UJ	7.	UJ	
124-48-1 Dibromochloromethane	6.	UJ	7.	UJ	
79-00-5 1,1,2-Trichloroethane	6.	UJ	7.	UJ	
71-43-2 Benzene	6.	UJ	7.	UJ	
10061-01-5 cis-1,3-Dichloropropene	6.	UJ	7.	UJ	
110-75-8 2-Chloroethyl vinyl ether	11.	UJ	14.	UJ	
75-25-2 Bromoform	6.	UJ	7.	UJ	
591-78-6 2-Hexanone	11.	UJ	14.	UJ	
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	UJ	14.	UJ	
127-18-4 Tetrachloroethene	6.	UJ	7.	UJ	
108-88-3 Toluene	6.	UJ	7.	UJ	
108-90-7 Chlorobenzene	6.	UJ	7.	UJ	
100-41-4 Ethylbenzene	6.	UJ	7.	UJ	
100-42-5 Styrene	6.	UJ	7.	UJ	
1330-20-7 Xylene (Total)	6.	UJ	7.	UJ	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 637 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	637-S-B007-P1					
	ORIGINAL ID ----->	637SB007P1					
	LAB SAMPLE ID --->	28312.03					
	ID FROM REPORT -->	637SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ----------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	11400.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
94-75-7	2,4-D	76.	U
93-72-1	2,4,5-TP (Silvex)	17.	U
93-76-5	2,4,5-T	20.	U
88-85-7	Dinoseb	45.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	638-C-8001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	10/01/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
319-84-6	alpha-BHC	1.6	U
319-85-7	beta-BHC	1.6	U
319-86-8	delta-BHC	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U
76-44-8	Heptachlor	1.6	U
309-00-2	Aldrin	1.6	U
1024-57-3	Heptachlor epoxide	3.8	J
959-98-8	Endosulfan I	1.6	U
60-57-1	Dieldrin	3.	U
72-55-9	4,4'-DDE	96.	DJ
72-20-8	Endrin	3.	U
33213-65-9	Endosulfan II	3.	U
72-54-8	4,4'-DDD	43.	J
1031-07-8	Endosulfan sulfate	3.	U
50-29-3	4,4'-DDT	16.	J
72-43-5	Methoxychlor	16.	UJ
53494-70-5	Endrin ketone	3.	U
7421-93-4	Endrin aldehyde	3.	U
5103-71-9	alpha-Chlordane	11.	J
5103-74-2	gamma-Chlordane	46.	D
8001-35-2	Toxaphene	100.	U
12674-11-2	Aroclor-1016	40.	U
11104-28-2	Aroclor-1221	40.	U
11141-16-5	Aroclor-1232	40.	U
53469-21-9	Aroclor-1242	40.	U
12672-29-6	Aroclor-1248	40.	U
11097-69-1	Aroclor-1254	82.	U
11096-82-5	Aroclor-1260	82.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26879	VAL
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U
100-51-6	Benzyl alcohol	400.	U
95-50-1	1,2-Dichlorobenzene	400.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U
67-72-1	Hexachloroethane	400.	U
98-95-3	Nitrobenzene	400.	U
78-59-1	Isophorone	400.	U
88-75-5	2-Nitrophenol	400.	U
105-67-9	2,4-Dimethylphenol	400.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U
120-83-2	2,4-Dichlorophenol	400.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U
91-20-3	Naphthalene	400.	U
106-47-8	4-Chloroaniline	400.	U
87-68-3	Hexachlorobutadiene	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U
91-57-6	2-Methylnaphthalene	400.	U
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethyl phthalate	400.	U
208-96-8	Acenaphthylene	400.	U
606-20-2	2,6-Dinitrotoluene	400.	U
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	400.	U
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
132-64-9	Dibenzofuran	400.	U
121-14-2	2,4-Dinitrotoluene	400.	UJ
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenylphenylether	400.	U
86-73-7	Fluorene	400.	U
100-01-6	4-Nitroaniline	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	400.	U
101-55-3	4-Bromophenyl-phenylether	400.	U
118-74-1	Hexachlorobenzene	400.	U
87-86-5	Pentachlorophenol	2000.	U
85-01-8	Phenanthrene	98.	J
120-12-7	Anthracene	400.	U
86-74-8	Carbazole	400.	UR
84-74-2	Di-n-butylphthalate	400.	U
206-44-0	Fluoranthene	180.	J
129-00-0	Pyrene	200.	J
85-68-7	Butylbenzylphthalate	400.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U
56-55-3	Benzo(a)anthracene	100.	J
218-01-9	Chrysene	190.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U
117-84-0	Di-n-octyl phthalate	400.	U
205-99-2	Benzo(b)fluoranthene	190.	J
207-08-9	Benzo(k)fluoranthene	170.	J
50-32-8	Benzo(a)pyrene	130.	J
193-39-5	Indeno(1,2,3-cd)pyrene	120.	J
53-70-3	Dibenz(a,h)anthracene	48.	J
191-24-2	Benzo(g,h,i)perylene	130.	J
110-86-1	Pyridine	400.	U
62-75-9	N-Nitrosodimethylamine	400.	U
66-27-3	Methyl methanesulfonate	2000.	U
62-53-3	Aniline	400.	U
10595-95-6	N-Nitrosomethylethylamine	400.	U
55-18-5	N-Nitrosodiethylamine	400.	UR
62-50-0	Ethyl methanesulfonate	400.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
109-06-8	2-Picoline	400.	UJ
98-86-2	Acetophenone	400.	UJ
930-55-2	N-Nitrosopyrrolidine	400.	UJ
108-39-4	3-Methylphenol (m-Cresol)	400.	U
59-89-2	N-Nitrosomorpholine	400.	UJ
95-53-4	o-Toluidine	400.	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	400.	UR
100-75-4	N-Nitrosopiperidine	400.	UR
126-68-1	O,O,O-Triethylphosphorothioate	400.	UJ
122-09-8	a,a-Dimethylphenethylamine	400.	U
87-65-0	2,6-Dichlorophenol	400.	UJ
1888-71-7	Hexachloropropene	400.	U
106-50-3	p-Phenylenediamine	2000.	U
924-16-3	N-Nitroso-di-n-butylamine	400.	UR
95-94-3	1,2,4,5-Tetrachlorobenzene	400.	UJ
94-59-7	Safrole	400.	UR
120-58-1	Isosafrole	400.	UJ
130-15-4	1,4-Naphthoquinone	400.	UJ
99-65-0	1,3-Dinitrobenzene	400.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	400.	U
608-93-5	Pentachlorobenzene	400.	U
134-32-7	1-Naphthylamine	400.	UJ
56-57-5	4-Nitroquinoline 1-oxide	2000.	UR
91-59-8	2-Naphthylamine	400.	UJ
297-97-2	Thionazin	800.	U
99-55-8	5-Nitro-o-toluidine	400.	UR
122-39-4	Diphenylamine	400.	U
3689-24-5	Sulfotep	800.	UJ
99-35-4	1,3,5-Trinitrobenzene	400.	UJ
298-02-2	Phorate	400.	U
62-44-2	Phenacetin	400.	UJ
2303-16-4	Diallate	400.	UR
60-51-5	Dimethoate	400.	U
92-67-1	4-Aminobiphenyl	400.	UJ
23950-58-5	Pronamide	400.	U
82-68-8	Pentachloronitrobenzene	2000.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26879	VAL
298-04-4	Disulfoton	400.	U
88-85-7	Dinoseb	400.	U
298-00-0	Methyl parathion	800.	UR
56-38-2	Parathion	800.	UR
91-80-5	Methapyrilene	800.	UR
465-73-6	Isodrin	800.	UJ
140-57-8	Aramite	2000.	UR
60-11-7	p-(Dimethylamino)azobenzene	400.	U
510-15-6	Chlorobenzilate	400.	U
119-93-7	3,3-Dimethylbenzidine	400.	UR
143-50-0	Kepone	2000.	UR
52-85-7	Famphur	400.	UR
53-96-3	Acetamidofluorene	400.	UJ
57-97-6	7,12-Dimethylbenz(a)anthracene	2000.	UJ
70-30-4	Hexachlorophene	8000.	UR
56-49-5	3-Methyl cholanthrene	400.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	12.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	12.	U
71-55-6	1,1,1-Trichloroethane	6.	UJ
56-23-5	Carbon tetrachloride	6.	UJ
108-05-4	Vinyl acetate	12.	UJ
75-27-4	Bromodichloromethane	6.	UJ
78-87-5	1,2-Dichloropropane	6.	UJ
10061-01-5	cis-1,3-Dichloropropene	6.	UJ
79-01-6	Trichloroethene	6.	UJ
124-48-1	Dibromochloromethane	6.	UJ
79-00-5	1,1,2-Trichloroethane	6.	UJ
71-43-2	Benzene	6.	UJ
10061-02-6	trans-1,3-Dichloropropene	6.	UJ
75-25-2	Bromoform	6.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	UJ
591-78-6	2-Hexanone	12.	UJ
127-18-4	Tetrachloroethene	6.	UJ
108-88-3	Toluene	6.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	6.	UJ
108-90-7	Chlorobenzene	6.	UJ
100-41-4	Ethylbenzene	6.	UJ
100-42-5	Styrene	6.	UJ
1330-20-7	Xylene (Total)	6.	UJ
110-75-8	2-Chloroethyl vinyl ether	12.	UR
107-02-8	Acrolein	61.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	638-C-8001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE ANALYZED --->	09/18/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26879	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	UJ
76-01-7	Pentachloroethane	6.	UJ
75-05-8	Acetonitrile	240.	UR
107-13-1	Acrylonitrile	61.	U
107-12-0	Propionitrile	120.	U
126-98-7	Methacrylonitrile	120.	U
78-83-1	Isobutyl alcohol	240.	UR
123-91-1	1,4-Dioxane	610.	UR
80-62-6	Methyl methacrylate	6.	UJ
97-63-2	Ethyl methacrylate	6.	UJ
106-93-4	1, 2-Dibromoethane	6.	UJ
630-20-6	1,1,1,2-Tetrachloroethane	6.	UJ
96-18-4	1,2,3-Trichloropropane	6.	UJ
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	12.	U
96-12-8	1,2-Dibromo-3-Chloropropane	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

CYANIDE	SAMPLE ID ------->	638-S-B001-01		638-C-B001-01		638-S-B001-02				
	ORIGINAL ID ----->	638SB00101		638CB00101		638SB00102				
	LAB SAMPLE ID --->	26879.01		26880.01		26879.02				
	ID FROM REPORT -->	638SB00101		638CB00101		638SB00102				
	SAMPLE DATE ----->	09/10/96		09/10/96		09/10/96				
	DATE EXTRACTED -->	09/16/96		09/16/96		09/16/96				
	DATE ANALYZED --->	09/17/96		09/17/96		09/17/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL			
57-12-5	Cyanide (CN)	0.41	U	0.64	U	0.24	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

HEXACHROME	SAMPLE ID ------->	638-C-B001-01					
	ORIGINAL ID ----->	638CB00101					
	LAB SAMPLE ID --->	26880.01					
	ID FROM REPORT -->	638CB00101					
	SAMPLE DATE ----->	09/10/96					
	DATE EXTRACTED -->	09/16/96					
	DATE ANALYZED --->	09/16/96					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	26879	VAL				
18540-29-9	Chromium (Hexavalent)	0.306	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/11/96
DATE ANALYZED --->	09/17/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	26879	VAL
1746-01-6	2378-TCDD	0.28	U
40321-76-4	12378-PeCDD	0.253	U
39227-28-6	123478-HxCDD	0.296	U
57653-85-7	123678-HxCDD	0.215	U
19408-74-3	123789-HxCDD	0.224	U
35822-46-9	1234678-HpCDD	10.6	
3268-87-9	OCDD	58.	
51207-31-9	2378-TCDF	0.18	U
57117-41-6	12378-PeCDF	0.235	U
57117-31-4	23478-PeCDF	0.227	U
70648-26-9	123478-HxCDF	0.751	J
57117-44-9	123678-HxCDF	0.183	U
72918-21-9	123789-HxCDF	0.248	U
60851-34-5	234678-HxCDF	0.234	U
67562-39-4	1234678-HpCDF	7.54	
55673-89-7	1234789-HpCDF	1.235	U
39001-02-0	OCDF	5.97	
41903-57-5	Total Tetra-Dioxins	0.28	U
36088-22-9	Total Penta-Dioxins	0.253	U
34465-46-8	Total Hexa-Dioxins	0.215	U
37871-00-4	Total Hepta-Dioxins	23.	
55722-27-5	Total Tetra-Furans	0.18	U
30602-15-4	Total Penta-Furans	0.227	U
55684-94-1	Total Hexa-Furans	3.782	
38998-75-3	Total Hepta-Furans	7.544	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	638-S-B001-01		638-C-B001-01		638-S-B001-02		638-S-B002-01		638-S-B003-01		638-S-B003-02	
	ORIGINAL ID ----->	638SB00101		638CB00101		638SB00102		638SB00201		638SB00301		638SB00302	
	LAB SAMPLE ID --->	26879.01		26880.01		26879.02		27280.01		27016.05		27016.06	
	ID FROM REPORT -->	638SB00101		638CB00101		638SB00102		638SB00201		638SB00301		638SB00302	
	SAMPLE DATE ----->	09/10/96		09/10/96		09/10/96		10/10/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		09/13/96		10/14/96		09/30/96		09/30/96	
	DATE ANALYZED --->	09/19/96		09/19/96		09/19/96		10/16/96		10/11/96		10/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	26879	VAL	27280	VAL	27016	VAL	27016	VAL
7429-90-5	Aluminum (Al)	5810.	J	6830.		12900.	J	9400.		6600.		15200.	
7440-36-0	Antimony (Sb)	1.7	UJ	2.5	U	0.49	UJ	0.41	UJ	0.34	U	0.76	U
7440-38-2	Arsenic (As)	10.6	J	11.2		8.7	J	13.	J	6.9		14.6	
7440-39-3	Barium (Ba)	40.1		41.9		24.		23.2		18.9		34.1	
7440-41-7	Beryllium (Be)	0.55		0.58		0.81		0.5		0.36		0.84	
7440-43-9	Cadmium (Cd)	2.3		2.9		0.2	J	0.05	U	0.16	J	0.21	J
7440-70-2	Calcium (Ca)	33300.	J	21100.		26100.	J	2340.	J	30500.		14600.	
7440-47-3	Chromium (Cr)	23.2	J	24.6		27.9	J	17.1		15.7		30.1	
7440-48-4	Cobalt (Co)	3.9		4.6		4.1		1.9	J	1.3	J	4.1	
7440-50-8	Copper (Cu)	428.	J	406.		18.	J	8.3		15.6		141.	
7439-89-6	Iron (Fe)	9250.	J	10800.		20100.	J	14900.	J	4980.		17100.	
7439-92-1	Lead (Pb)	125.	J	172.		20.7	J	17.7	J	25.1		76.1	
7439-95-4	Magnesium (Mg)	1390.		1350.		3590.		1170.		1370.		3300.	
7439-96-5	Manganese (Mn)	123.	J	122.		256.	J	126.		54.7		141.	
7439-97-6	Mercury (Hg)	0.65		0.86		0.35		0.08	J	0.06		0.53	
7440-02-0	Nickel (Ni)	20.8		19.1		9.8		3.6	J	8.		10.2	
7440-09-7	Potassium (K)	545.	J	587.	J	2130.		647.	J	375.	J	1730.	
7782-49-2	Selenium (Se)	0.48	J	0.57	J	1.3		0.46	J	0.75		1.4	
7440-22-4	Silver (Ag)	0.23	UJ	0.23	U	0.31	UJ	0.26	U	0.21	U	0.3	U
7440-23-5	Sodium (Na)	533.		540.		1620.		305.	J	271.	U	1110.	
7440-28-0	Thallium (Tl)	0.42	UJ	0.42	UJ	0.7	J	0.47	U	0.38	U	0.53	U
7440-31-5	Tin (Sn)	5.3	U	6.5	U	2.4	U	1.7	U	6.	J	10.6	
7440-62-2	Vanadium (V)	23.6	J	22.8		41.3	J	26.6		13.9		40.7	
7440-66-6	Zinc (Zn)	288.	J	328.		59.5	J	60.2		48.2		144.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	638-S-B004-01		638-S-B004-02					
	ORIGINAL ID ----->	638SB00401		638SB00402					
	LAB SAMPLE ID --->	27016.07		27016.08					
	ID FROM REPORT -->	638SB00401		638SB00402					
	SAMPLE DATE ----->	09/19/96		09/19/96					
	DATE EXTRACTED -->	09/30/96		09/30/96					
	DATE ANALYZED --->	10/11/96		10/11/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	27016	VAL	27016	VAL				
7429-90-5	Aluminum (Al)	5660.		30900.					
7440-36-0	Antimony (Sb)	0.33	U	0.51	U				
7440-38-2	Arsenic (As)	6.		15.					
7440-39-3	Barium (Ba)	20.2		44.3					
7440-41-7	Beryllium (Be)	0.3		1.6					
7440-43-9	Cadmium (Cd)	0.17	J	0.07	U				
7440-70-2	Calcium (Ca)	3180.		6020.					
7440-47-3	Chromium (Cr)	10.4		47.8					
7440-48-4	Cobalt (Co)	1.2	J	8.3					
7440-50-8	Copper (Cu)	9.9		28.6					
7439-89-6	Iron (Fe)	7600.		34100.					
7439-92-1	Lead (Pb)	83.9		50.7					
7439-95-4	Magnesium (Mg)	624.		5400.					
7439-96-5	Manganese (Mn)	77.1		459.					
7439-97-6	Mercury (Hg)	0.06		0.2					
7440-02-0	Nickel (Ni)	2.7	J	13.7					
7440-09-7	Potassium (K)	345.	J	2630.					
7782-49-2	Selenium (Se)	0.76		2.					
7440-22-4	Silver (Ag)	0.21	U	0.32	U				
7440-23-5	Sodium (Na)	155.	U	509.	U				
7440-28-0	Thallium (Tl)	0.38	U	0.58	U				
7440-31-5	Tin (Sn)	6.1	J	11.1					
7440-62-2	Vanadium (V)	16.6		76.8					
7440-66-6	Zinc (Zn)	33.9		121.					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	638-C-B001-01
ORIGINAL ID ----->	638CB00101
LAB SAMPLE ID --->	26880.01
ID FROM REPORT -->	638CB00101
SAMPLE DATE ----->	09/10/96
DATE EXTRACTED -->	09/13/96
DATE ANALYZED --->	09/19/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26879	VAL
298-02-2	Phorate	82.	U
298-04-4	Disulfoton	147.	U
298-00-0	Methyl parathion	21.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	638-S-B001-01		638-S-B001-02		638-S-B002-01		638-S-B003-01		638-S-B003-02		638-S-B004-01	
	ORIGINAL ID ----->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	LAB SAMPLE ID --->	26879.01		26879.02		27280.01		27016.05		27016.06		27016.07	
	ID FROM REPORT -->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	SAMPLE DATE ----->	09/10/96		09/10/96		10/10/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		10/12/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	10/01/96		10/01/96		10/24/96		10/08/96		10/08/96		10/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	27280	VAL	27016	VAL	27016	VAL	27016	VAL
319-84-6	alpha-BHC	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
319-85-7	beta-BHC	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
319-86-8	delta-BHC	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
76-44-8	Heptachlor	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
309-00-2	Aldrin	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
1024-57-3	Heptachlor epoxide	1.8	J	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
959-98-8	Endosulfan I	1.5	U	2.2	UJ	1.8	U	1.5	U	2.	U	1.4	U
60-57-1	Dieldrin	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
72-55-9	4,4'-DDE	56.	DJ	4.3	UJ	3.4	U	11.		38.		2.7	U
72-20-8	Endrin	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
33213-65-9	Endosulfan II	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
72-54-8	4,4'-DDD	28.	J	4.3	UJ	3.4	U	6.6		19.		2.7	U
1031-07-8	Endosulfan sulfate	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
50-29-3	4,4'-DDT	14.	J	4.3	UJ	3.4	U	6.	J	3.9	U	2.7	U
72-43-5	Methoxychlor	110.	J	22.	UJ	18.	U	15.	U	20.	U	14.	U
53494-70-5	Endrin ketone	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
7421-93-4	Endrin aldehyde	3.	U	4.3	UJ	3.4	U	2.8	U	3.9	U	2.7	U
5103-71-9	alpha-Chlordane	7.9	J	2.2	UJ	1.8	U	1.9		2.	U	1.4	U
5103-74-2	gamma-Chlordane	35.	DJ	2.2	UJ	1.8	U	3.6		2.	U	1.4	U
8001-35-2	Toxaphene	99.	U	140.	UJ	110.	U	94.	U	130.	U	91.	U
12674-11-2	Aroclor-1016	39.	U	57.	UJ	45.	U	38.	U	52.	U	36.	U
11104-28-2	Aroclor-1221	39.	U	57.	UJ	45.	U	38.	U	52.	U	36.	U
11141-16-5	Aroclor-1232	39.	U	57.	UJ	45.	U	38.	U	52.	U	36.	U
53469-21-9	Aroclor-1242	39.	U	57.	UJ	45.	U	38.	U	52.	U	36.	U
12672-29-6	Aroclor-1248	39.	U	57.	UJ	45.	U	38.	U	52.	U	36.	U
11097-69-1	Aroclor-1254	80.	U	120.	UJ	92.	U	76.	U	100.	U	74.	U
11096-82-5	Aroclor-1260	80.	U	120.	UJ	92.	U	18.	U	100.	U	74.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-PEST

SAMPLE ID ------->	638-S-B004-02
ORIGINAL ID ----->	638SB00402
LAB SAMPLE ID --->	27016.08
ID FROM REPORT -->	638SB00402
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/08/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	22.	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	140.	U
12674-11-2	Aroclor-1016	56.	U
11104-28-2	Aroclor-1221	56.	U
11141-16-5	Aroclor-1232	56.	U
53469-21-9	Aroclor-1242	56.	U
12672-29-6	Aroclor-1248	56.	U
11097-69-1	Aroclor-1254	110.	U
11096-82-5	Aroclor-1260	110.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	638-S-B001-01		638-S-B001-02		638-S-B002-01		638-S-B003-01		638-S-B003-02		638-S-B004-01	
	ORIGINAL ID ----->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	LAB SAMPLE ID --->	26879.01		26879.02		27280.01		27016.05		27016.06		27016.07	
	ID FROM REPORT -->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	SAMPLE DATE ----->	09/10/96		09/10/96		10/10/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		10/12/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	09/19/96		09/19/96		10/25/96		10/03/96		10/03/96		10/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	27280	VAL	27016	VAL	27016	VAL	27016	VAL
108-95-2	Phenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
95-57-8	2-Chlorophenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
541-73-1	1,3-Dichlorobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
106-46-7	1,4-Dichlorobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
100-51-6	Benzyl alcohol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
95-50-1	1,2-Dichlorobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
67-72-1	Hexachloroethane	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
98-95-3	Nitrobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
78-59-1	Isophorone	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
88-75-5	2-Nitrophenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
105-67-9	2,4-Dimethylphenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
65-85-0	Benzoic acid	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
120-83-2	2,4-Dichlorophenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
91-20-3	Naphthalene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
106-47-8	4-Chloroaniline	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
87-68-3	Hexachlorobutadiene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
91-57-6	2-Methylnaphthalene	42.	J	570.	U	450.	U	380.	U	520.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
91-58-7	2-Chloronaphthalene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
88-74-4	2-Nitroaniline	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
131-11-3	Dimethyl phthalate	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
208-96-8	Acenaphthylene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
99-09-2	3-Nitroaniline	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
83-32-9	Acenaphthene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
51-28-5	2,4-Dinitrophenol	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
100-02-7	4-Nitrophenol	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	638-S-B001-01		638-S-B001-02		638-S-B002-01		638-S-B003-01		638-S-B003-02		638-S-B004-01	
	ORIGINAL ID ----->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	LAB SAMPLE ID --->	26879.01		26879.02		27280.01		27016.05		27016.06		27016.07	
	ID FROM REPORT -->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	SAMPLE DATE ----->	09/10/96		09/10/96		10/10/96		09/19/96		09/19/96		09/19/96	
	DATE EXTRACTED -->	09/13/96		09/13/96		10/12/96		09/23/96		09/23/96		09/23/96	
	DATE ANALYZED --->	09/19/96		09/19/96		10/25/96		10/03/96		10/03/96		10/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	27280	VAL	27016	VAL	27016	VAL	27016	VAL
132-64-9	Dibenzofuran	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
121-14-2	2,4-Dinitrotoluene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
606-20-2	2,6-Dinitrotoluene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
84-66-2	Diethylphthalate	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
86-73-7	Fluorene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
100-01-6	4-Nitroaniline	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
118-74-1	Hexachlorobenzene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
87-86-5	Pentachlorophenol	1900.	U	2800.	U	2200.	U	1800.	U	2500.	U	1800.	U
85-01-8	Phenanthrene	130.	J	280.	J	450.	U	380.	U	520.	U	360.	U
120-12-7	Anthracene	390.	U	100.	J	450.	U	380.	U	520.	U	360.	U
84-74-2	Di-n-butylphthalate	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
206-44-0	Fluoranthene	230.	J	850.		450.	U	50.	J	200.	J	360.	U
129-00-0	Pyrene	230.	J	780.		450.	U	52.	J	280.	J	360.	U
85-68-7	Butylbenzylphthalate	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	1100.	U	900.	U	750.	U	1000.	U	720.	U
56-55-3	Benzo(a)anthracene	98.	J	210.	J	450.	U	380.	U	100.	J	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	700.		450.	U	380.	U	520.	U	360.	U
218-01-9	Chrysene	190.	J	220.	J	450.	U	56.	J	210.	J	360.	U
117-84-0	Di-n-octyl phthalate	390.	U	130.	J	450.	U	380.	U	520.	U	360.	U
205-99-2	Benzo(b)fluoranthene	180.	J	180.	J	450.	U	380.	U	520.	U	360.	U
207-08-9	Benzo(k)fluoranthene	130.	J	140.	J	46.	J	79.	J	140.	J	360.	U
50-32-8	Benzo(a)pyrene	390.	U	570.	U	450.	U	49.	J	130.	J	360.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U	570.	U	450.	U	380.	U	74.	J	360.	U
53-70-3	Dibenz(a,h)anthracene	390.	U	570.	U	450.	U	380.	U	520.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	98.	J	570.	U	450.	U	39.	J	140.	J	360.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	638-S-B004-02
ORIGINAL ID ----->	638SB00402
LAB SAMPLE ID --->	27016.08
ID FROM REPORT -->	638SB00402
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/03/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
108-95-2	Phenol	560.	U
111-44-4	bis(2-Chloroethyl)ether	560.	U
95-57-8	2-Chlorophenol	560.	U
541-73-1	1,3-Dichlorobenzene	560.	U
106-46-7	1,4-Dichlorobenzene	560.	U
100-51-6	Benzyl alcohol	560.	U
95-50-1	1,2-Dichlorobenzene	560.	U
95-48-7	2-Methylphenol (o-Cresol)	560.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	560.	U
106-44-5	4-Methylphenol (p-Cresol)	560.	U
621-64-7	N-Nitroso-di-n-propylamine	560.	U
67-72-1	Hexachloroethane	560.	U
98-95-3	Nitrobenzene	560.	U
78-59-1	Isophorone	560.	U
88-75-5	2-Nitrophenol	560.	U
105-67-9	2,4-Dimethylphenol	560.	U
65-85-0	Benzoic acid	2700.	U
111-91-1	bis(2-Chloroethoxy)methane	560.	U
120-83-2	2,4-Dichlorophenol	560.	U
120-82-1	1,2,4-Trichlorobenzene	560.	U
91-20-3	Naphthalene	560.	U
106-47-8	4-Chloroaniline	560.	U
87-68-3	Hexachlorobutadiene	560.	U
59-50-7	4-Chloro-3-methylphenol	560.	U
91-57-6	2-Methylnaphthalene	560.	U
77-47-4	Hexachlorocyclopentadiene	560.	U
88-06-2	2,4,6-Trichlorophenol	560.	U
95-95-4	2,4,5-Trichlorophenol	2700.	U
91-58-7	2-Chloronaphthalene	560.	U
88-74-4	2-Nitroaniline	2700.	U
131-11-3	Dimethyl phthalate	560.	U
208-96-8	Acenaphthylene	560.	U
99-09-2	3-Nitroaniline	2700.	U
83-32-9	Acenaphthene	560.	U
51-28-5	2,4-Dinitrophenol	2700.	U
100-02-7	4-Nitrophenol	2700.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->	638-S-B004-02
ORIGINAL ID ----->	638SB00402
LAB SAMPLE ID --->	27016.08
ID FROM REPORT -->	638SB00402
SAMPLE DATE ----->	09/19/96
DATE EXTRACTED -->	09/23/96
DATE ANALYZED --->	10/03/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
132-64-9	Dibenzofuran	560.	U
121-14-2	2,4-Dinitrotoluene	560.	U
606-20-2	2,6-Dinitrotoluene	560.	U
84-66-2	Diethylphthalate	560.	U
7005-72-3	4-Chlorophenylphenylether	560.	U
86-73-7	Fluorene	560.	U
100-01-6	4-Nitroaniline	2700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2700.	U
86-30-6	N-Nitrosodiphenylamine	560.	U
101-55-3	4-Bromophenyl-phenylether	560.	U
118-74-1	Hexachlorobenzene	560.	U
87-86-5	Pentachlorophenol	2700.	U
85-01-8	Phenanthrene	560.	U
120-12-7	Anthracene	560.	U
84-74-2	Di-n-butylphthalate	560.	U
206-44-0	Fluoranthene	140.	J
129-00-0	Pyrene	150.	J
85-68-7	Butylbenzylphthalate	560.	U
91-94-1	3,3'-Dichlorobenzidine	1100.	U
56-55-3	Benzo(a)anthracene	93.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	560.	U
218-01-9	Chrysene	110.	J
117-84-0	Di-n-octyl phthalate	560.	U
205-99-2	Benzo(b)fluoranthene	92.	J
207-08-9	Benzo(k)fluoranthene	120.	J
50-32-8	Benzo(a)pyrene	130.	J
193-39-5	Indeno(1,2,3-cd)pyrene	60.	J
53-70-3	Dibenz(a,h)anthracene	560.	U
191-24-2	Benzo(g,h,i)perylene	560.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	638-S-B001-01		638-S-B001-02		638-S-B002-01		638-S-B003-01		638-S-B003-02		638-S-B004-01	
	ORIGINAL ID ----->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	LAB SAMPLE ID --->	26879.01		26879.02		27280.01		27016.05		27016.06		27016.07	
	ID FROM REPORT -->	638SB00101		638SB00102		638SB00201		638SB00301		638SB00302		638SB00401	
	SAMPLE DATE ----->	09/10/96		09/10/96		10/10/96		09/19/96		09/19/96		09/19/96	
	DATE ANALYZED --->	09/18/96		09/18/96		10/15/96		09/26/96		09/27/96		09/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26879	VAL	26879	VAL	27280	VAL	27016	VAL	27016	VAL	27016	VAL
74-87-3	Chloromethane	12.	U	16.	U	14.	U	11.	U	16.	U	11.	U
74-83-9	Bromomethane	12.	U	16.	U	14.	U	11.	U	16.	U	11.	U
75-01-4	Vinyl chloride	12.	U	16.	U	14.	U	11.	U	16.	U	11.	U
75-00-3	Chloroethane	12.	U	16.	U	14.	U	11.	U	16.	U	11.	U
75-09-2	Methylene chloride	6.	U	8.	U	11.	U	6.	U	8.	U	5.	U
67-64-1	Acetone	46.	U	110.	U	14.	U	11.	U	170.	U	20.	U
75-15-0	Carbon disulfide	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
75-35-4	1,1-Dichloroethene	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
75-34-3	1,1-Dichloroethane	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
67-66-3	Chloroform	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
107-06-2	1,2-Dichloroethane	6.	U	8.	U	7.	U	6.	U	8.	U	5.	U
78-93-3	2-Butanone (MEK)	6.	U	23.	U	14.	U	2.	U	24.	U	5.	U
71-55-6	1,1,1-Trichloroethane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
56-23-5	Carbon tetrachloride	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
108-05-4	Vinyl acetate	12.	UJ	16.	U	14.	U	11.	U	16.	U	11.	U
75-27-4	Bromodichloromethane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
78-87-5	1,2-Dichloropropane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
79-01-6	Trichloroethene	6.	UJ	3.	J	7.	U	6.	U	8.	U	5.	U
124-48-1	Dibromochloromethane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
79-00-5	1,1,2-Trichloroethane	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
71-43-2	Benzene	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR	16.	UR	14.	UJ	11.	UR	16.	UR	11.	UR
75-25-2	Bromoform	6.	UJ	8.	U	7.	U	6.	U	8.	U	5.	U
591-78-6	2-Hexanone	12.	UJ	16.	UJ	14.	U	11.	UJ	16.	UJ	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	UJ	16.	UJ	14.	U	11.	UJ	16.	UJ	11.	U
127-18-4	Tetrachloroethene	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U
108-88-3	Toluene	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U
108-90-7	Chlorobenzene	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U
100-41-4	Ethylbenzene	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U
100-42-5	Styrene	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U
1330-20-7	Xylene (Total)	6.	UJ	8.	UJ	7.	U	6.	UJ	8.	UJ	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 638 SOIL SAMPLES

SW846-VOA

SAMPLE ID ------->	638-S-B004-02
ORIGINAL ID ----->	638SB00402
LAB SAMPLE ID --->	27016.08
ID FROM REPORT -->	638SB00402
SAMPLE DATE ----->	09/19/96
DATE ANALYZED --->	09/27/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27016	VAL
74-87-3	Chloromethane	17.	U
74-83-9	Bromomethane	17.	U
75-01-4	Vinyl chloride	17.	U
75-00-3	Chloroethane	17.	U
75-09-2	Methylene chloride	10.	
67-64-1	Acetone	120.	D
75-15-0	Carbon disulfide	2.	J
75-35-4	1,1-Dichloroethene	8.	U
75-34-3	1,1-Dichloroethane	8.	U
540-59-0	1,2-Dichloroethene (total)	8.	U
67-66-3	Chloroform	8.	U
107-06-2	1,2-Dichloroethane	8.	U
78-93-3	2-Butanone (MEK)	200.	U
71-55-6	1,1,1-Trichloroethane	8.	U
56-23-5	Carbon tetrachloride	8.	U
108-05-4	Vinyl acetate	17.	U
75-27-4	Bromodichloromethane	8.	U
79-34-5	1,1,2,2-Tetrachloroethane	8.	U
78-87-5	1,2-Dichloropropane	8.	U
10061-02-6	trans-1,3-Dichloropropene	8.	U
79-01-6	Trichloroethene	8.	U
124-48-1	Dibromochloromethane	8.	U
79-00-5	1,1,2-Trichloroethane	8.	U
71-43-2	Benzene	8.	U
10061-01-5	cis-1,3-Dichloropropene	8.	U
110-75-8	2-Chloroethyl vinyl ether	17.	UR
75-25-2	Bromoform	8.	U
591-78-6	2-Hexanone	17.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	17.	UJ
127-18-4	Tetrachloroethene	8.	UJ
108-88-3	Toluene	8.	UJ
108-90-7	Chlorobenzene	8.	UJ
100-41-4	Ethylbenzene	8.	UJ
100-42-5	Styrene	8.	UJ
1330-20-7	Xylene (Total)	8.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	642-C-B001-01
ORIGINAL ID ----->	642CB00101
LAB SAMPLE ID --->	26998.01
ID FROM REPORT -->	642CB00101
SAMPLE DATE ----->	09/18/96
DATE EXTRACTED -->	09/22/96
DATE ANALYZED --->	09/25/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26997	VAL
94-75-7	2,4-D	70.	U
93-72-1	2,4,5-TP (Silvex)	16.	U
93-76-5	2,4,5-T	18.	U
88-85-7	Dinoseb	42.	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	642-S-B004-P1					
	ORIGINAL ID ----->	642SB004P1					
	LAB SAMPLE ID --->	28312.01					
	ID FROM REPORT -->	642SB004P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	46.2					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

HEXACHROME							
	SAMPLE ID ------->	642-C-B001-01					
	ORIGINAL ID ----->	642CB00101					
	LAB SAMPLE ID --->	26998.01					
	ID FROM REPORT -->	642CB00101					
	SAMPLE DATE ----->	09/18/96					
	DATE EXTRACTED -->	09/24/96					
	DATE ANALYZED --->	09/24/96					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	26997 VAL					
18540-29-9	Chromium (Hexavalent)	0.285 U					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

PH							
	SAMPLE ID ------->	642-S-B004-P1					
	ORIGINAL ID ----->	642SB004P1					
	LAB SAMPLE ID --->	28312.01					
	ID FROM REPORT -->	642SB004P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/14/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	SU					
CAS #	Parameter	28298					
9999900-09-4	pH	7.85					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	642-C-B001-01
ORIGINAL ID ----->	642CB00101
LAB SAMPLE ID --->	26998.01
ID FROM REPORT -->	642CB00101
SAMPLE DATE ----->	09/18/96
DATE EXTRACTED -->	09/30/96
DATE ANALYZED --->	10/08/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	26997	VAL
1746-01-6	2378-TCDD	0.389	U
40321-76-4	12378-PeCDD	0.754	U
39227-28-6	123478-HxCDD	0.709	U
57653-85-7	123678-HxCDD	0.515	U
19408-74-3	123789-HxCDD	0.536	U
35822-46-9	1234678-HpCDD	7.19	
3268-87-9	OCDD	103.	
51207-31-9	2378-TCDF	0.427	U
57117-41-6	12378-PeCDF	0.473	U
57117-31-4	23478-PeCDF	0.456	U
70648-26-9	123478-HxCDF	0.815	U
57117-44-9	123678-HxCDF	0.593	U
72918-21-9	123789-HxCDF	0.804	U
60851-34-5	234678-HxCDF	0.759	U
67562-39-4	1234678-HpCDF	1.33	U
55673-89-7	1234789-HpCDF	0.853	U
39001-02-0	OCDF	2.11	U
41903-57-5	Total Tetra-Dioxins	0.389	U
36088-22-9	Total Penta-Dioxins	0.754	U
34465-46-8	Total Hexa-Dioxins	1.66	
37871-00-4	Total Hepta-Dioxins	14.9	
55722-27-5	Total Tetra-Furans	0.427	U
30602-15-4	Total Penta-Furans	0.786	
55684-94-1	Total Hexa-Furans	0.593	U
38998-75-3	Total Hepta-Furans	3.22	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	642-S-B001-01		642-C-B001-01		642-S-B002-01		642-S-B003-01		642-S-B004-01		642-S-B005-01	
	ORIGINAL ID ----->	642SB00101		642CB00101		642SB00201		642SB00301		642SB00401		642SB00501	
	LAB SAMPLE ID --->	26997.07		26998.01		26997.11		26997.10		26997.01		26997.13	
	ID FROM REPORT -->	642SB00101		642CB00101		642SB00201		642SB00301		642SB00401		642SB00501	
	SAMPLE DATE ----->	09/18/96		09/18/96		09/18/96		09/18/96		09/18/96		09/18/96	
	DATE EXTRACTED -->	10/10/96		10/10/96		10/10/96		10/10/96		10/10/96		10/10/96	
	DATE ANALYZED --->	10/11/96		10/11/96		10/11/96		10/11/96		10/11/96		10/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26997	VAL	26997	VAL	26997	VAL	26997	VAL	26997	VAL	26997	VAL
7429-90-5	Aluminum (Al)	7540.		5520.		2130.		1590.		2420.		1110.	
7440-36-0	Antimony (Sb)	0.34	UJ	0.34	U	0.35	UJ	0.74	UJ	1.1	UJ	0.43	UJ
7440-38-2	Arsenic (As)	5.2	J	7.8		4.5	J	19.4	J	31.7	J	8.9	J
7440-39-3	Barium (Ba)	19.3		16.6		8.8		52.3		44.2		66.9	
7440-41-7	Beryllium (Be)	0.24		0.3		0.24		0.75		0.46		0.4	
7440-43-9	Cadmium (Cd)	0.05	U	0.24	J	0.29	J	1.7		1.1		1.	
7440-70-2	Calcium (Ca)	17200.	J	19000.		59700.	J	61600.	J	39300.	J	155000.	J
7440-47-3	Chromium (Cr)	10.8	J	11.9		5.3	J	14.	J	11.	J	8.1	J
7440-48-4	Cobalt (Co)	2.6		4.1		1.1	J	4.9		4.		3.	
7440-50-8	Copper (Cu)	3.9	J	8.9		5.9	J	46.2	J	27.4	J	23.3	J
7439-89-6	Iron (Fe)	8150.		7050.		3080.		13400.		12400.		4900.	
7439-92-1	Lead (Pb)	7.6	J	17.2		6.5	J	47.2	J	70.3	J	43.1	J
7439-95-4	Magnesium (Mg)	827.		1280.		996.		1270.		638.		2480.	
7439-96-5	Manganese (Mn)	45.9	J	38.2		80.2	J	135.	J	80.	J	162.	J
7439-97-6	Mercury (Hg)	0.04	J	0.04	U	0.04	U	0.04	J	0.04	U	0.06	J
7440-02-0	Nickel (Ni)	4.	J	9.2		4.7	J	27.6	J	17.2	J	16.8	UJ
7440-09-7	Potassium (K)	494.	J	358.	J	236.	U	279.	J	254.	U	288.	UJ
7782-49-2	Selenium (Se)	0.34	U	0.46	J	0.35	U	0.7		0.79		0.38	U
7440-22-4	Silver (Ag)	0.22	U	0.22	U	0.22	U	0.22	U	0.24	U	0.24	U
7440-23-5	Sodium (Na)	286.	U	357.		232.	U	376.	U	250.	U	350.	U
7440-28-0	Thallium (Tl)	0.39	U	0.4	J	0.4	U	0.47	J	1.	J	0.43	U
7440-31-5	Tin (Sn)	1.1	U	1.	U	0.78	U	1.8	U	2.1	U	1.4	U
7440-62-2	Vanadium (V)	19.6		19.9		5.4		26.		38.2		15.2	
7440-66-6	Zinc (Zn)	14.2	J	30.8		20.2	J	196.	J	190.	J	81.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	642-S-B006-01		642-S-B007-01		642-S-B008-01		642-S-B008-02		642-S-B009-01		642-S-B010-01	
	ORIGINAL ID ----->	642SB00601		642SB00701		642SB00801		642SB00802		642SB00901		642SB01001	
	LAB SAMPLE ID --->	26997.09		26997.12		26997.05		26997.06		26997.08		26997.02	
	ID FROM REPORT -->	642SB00601		642SB00701		642SB00801		642SB00802		642SB00901		642SB01001	
	SAMPLE DATE ----->	09/18/96		09/18/96		09/18/96		09/18/96		09/18/96		09/18/96	
	DATE EXTRACTED -->	10/10/96		10/10/96		10/10/96		10/10/96		10/10/96		10/10/96	
	DATE ANALYZED --->	10/11/96		10/11/96		10/11/96		10/11/96		10/11/96		10/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26997	VAL	26997	VAL	26997	VAL	26997	VAL	26997	VAL	26997	VAL
7429-90-5	Aluminum (Al)	2050.		1150.		2530.		3290.		2100.		2610.	
7440-36-0	Antimony (Sb)	0.4	UJ	0.38	UJ	0.37	UJ	0.36	UJ	0.41	UJ	0.73	UJ
7440-38-2	Arsenic (As)	82.	J	30.7	J	5.	J	1.7	J	6.4	J	13.5	J
7440-39-3	Barium (Ba)	92.7		37.2		5.8		4.9		67.3		39.8	
7440-41-7	Beryllium (Be)	1.2		0.58		0.32		0.1	J	0.41		0.43	
7440-43-9	Cadmium (Cd)	0.21	J	2.7		0.05	U	0.05	U	2.1		0.36	J
7440-70-2	Calcium (Ca)	4980.	J	77500.	J	5110.	J	2080.	J	312000.	J	33500.	J
7440-47-3	Chromium (Cr)	10.3	J	10.1	J	6.5	J	4.8	J	23.5	J	11.8	J
7440-48-4	Cobalt (Co)	12.1		17.4		1.2	J	0.38	J	7.7		2.6	
7440-50-8	Copper (Cu)	38.7	J	58.3	J	1.1	U	2.1	J	39.9	J	19.9	J
7439-89-6	Iron (Fe)	11800.		12800.		5360.		2570.		5500.		5970.	
7439-92-1	Lead (Pb)	17.6	J	48.4	J	2.8	J	3.9	J	69.2	J	35.	J
7439-95-4	Magnesium (Mg)	4090.		33900.		1070.		296.		3920.		1620.	
7439-96-5	Manganese (Mn)	72.7	J	205.	J	68.5	J	18.7	J	350.	J	56.5	J
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.04	U	0.04	U	0.06	J	0.04	J
7440-02-0	Nickel (Ni)	53.2	J	253.	J	1.9	J	1.9	J	28.6	J	10.8	J
7440-09-7	Potassium (K)	268.	U	255.	U	539.	J	239.	U	596.	J	266.	J
7782-49-2	Selenium (Se)	0.8		0.78		0.37	U	0.36	U	0.4	U	0.64	
7440-22-4	Silver (Ag)	0.25	U	0.24	U	0.24	U	0.23	U	0.25	U	0.22	U
7440-23-5	Sodium (Na)	216.	U	220.	U	1550.		282.	U	319.	U	318.	U
7440-28-0	Thallium (Tl)	0.87	J	0.58	J	0.42	U	0.41	U	0.45	U	0.4	U
7440-31-5	Tin (Sn)	1.9	U	1.7	U	0.91	U	6.	U	1.6	U	1.6	U
7440-62-2	Vanadium (V)	14.		18.6		8.1		4.		45.5		12.8	
7440-66-6	Zinc (Zn)	822.	J	241.	J	10.3	J	7.5	J	218.	J	58.1	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	642-C-B001-01
ORIGINAL ID ----->	642CB00101
LAB SAMPLE ID --->	26998.01
ID FROM REPORT -->	642CB00101
SAMPLE DATE ----->	09/18/96
DATE EXTRACTED -->	09/19/96
DATE ANALYZED --->	10/04/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26997	VAL
298-02-2	Phorate	75.	U
298-04-4	Disulfoton	134.	U
298-00-0	Methyl parathion	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 642 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	642-S-B004-P1					
	ORIGINAL ID ----->	642SB004P1					
	LAB SAMPLE ID --->	28312.01					
	ID FROM REPORT -->	642SB004P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	17800.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 HERB								
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01				
	ORIGINAL ID ----->	643CB00901		643CB01001				
	LAB SAMPLE ID --->	28115.01		28115.02				
	ID FROM REPORT -->	643CB00901		643CB01001				
	SAMPLE DATE ----->	01/08/97		01/08/97				
	DATE EXTRACTED -->	01/10/97		01/10/97				
	DATE ANALYZED --->	01/14/97		01/14/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	28114	VAL	28114	VAL			
94-75-7	2,4-D	70.	UJ	70.	UJ			
93-72-1	2,4,5-TP (Silvex)	16.	UJ	16.	UJ			
93-76-5	2,4,5-T	18.	UJ	18.	UJ			
88-85-7	Dinoseb	42.	UJ	42.	UJ			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 PEST									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/10/97		01/10/97					
	DATE ANALYZED --->	01/21/97		01/21/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
319-84-6	alpha-BHC	1.5	U	1.5	U				
319-85-7	beta-BHC	1.5	U	1.5	U				
319-86-8	delta-BHC	1.5	U	1.5	U				
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U				
76-44-8	Heptachlor	1.5	U	1.5	U				
309-00-2	Aldrin	1.5	U	1.5	U				
1024-57-3	Heptachlor epoxide	1.5	U	1.5	U				
959-98-8	Endosulfan I	1.5	U	1.5	U				
60-57-1	Dieldrin	2.8	U	2.8	U				
72-55-9	4,4'-DDE	100.	D	59.	D				
72-20-8	Endrin	2.8	U	2.8	U				
33213-65-9	Endosulfan II	2.8	U	2.8	U				
72-54-8	4,4'-DDD	3.2	UJ	2.8	UJ				
1031-07-8	Endosulfan sulfate	2.8	U	2.8	U				
50-29-3	4,4'-DDT	26.	J	18.	J				
72-43-5	Methoxychlor	15.	U	15.	U				
53494-70-5	Endrin ketone	2.8	U	2.8	U				
7421-93-4	Endrin aldehyde	2.8	UJ	2.8	UJ				
5103-71-9	alpha-Chlordane	1.5	UJ	1.5	UJ				
5103-74-2	gamma-Chlordane	1.5	UJ	1.5	UJ				
8001-35-2	Toxaphene	94.	U	93.	U				
12674-11-2	Aroclor-1016	38.	U	37.	U				
11104-28-2	Aroclor-1221	38.	U	37.	U				
11141-16-5	Aroclor-1232	38.	U	37.	U				
53469-21-9	Aroclor-1242	38.	U	37.	U				
12672-29-6	Aroclor-1248	38.	U	37.	U				
11097-69-1	Aroclor-1254	76.	U	75.	U				
11096-82-5	Aroclor-1260	140.	J	140.	J				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 SVOA									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/10/97		01/10/97					
	DATE ANALYZED --->	01/20/97		01/20/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
108-95-2	Phenol	380.	U	370.	U				
111-44-4	bis(2-Chloroethyl)ether	380.	U	370.	U				
95-57-8	2-Chlorophenol	380.	U	370.	U				
541-73-1	1,3-Dichlorobenzene	380.	U	370.	U				
106-46-7	1,4-Dichlorobenzene	380.	U	370.	U				
100-51-6	Benzyl alcohol	380.	U	370.	U				
95-50-1	1,2-Dichlorobenzene	380.	U	370.	U				
95-48-7	2-Methylphenol (o-Cresol)	380.	U	370.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	370.	U				
106-44-5	4-Methylphenol (p-Cresol)	380.	U	370.	U				
621-64-7	N-Nitroso-di-n-propylamine	380.	U	370.	U				
67-72-1	Hexachloroethane	380.	U	370.	U				
98-95-3	Nitrobenzene	380.	U	370.	U				
78-59-1	Isophorone	380.	U	370.	U				
88-75-5	2-Nitrophenol	380.	U	370.	U				
105-67-9	2,4-Dimethylphenol	380.	U	370.	U				
111-91-1	bis(2-Chloroethoxy)methane	380.	U	370.	U				
120-83-2	2,4-Dichlorophenol	380.	U	370.	U				
120-82-1	1,2,4-Trichlorobenzene	380.	U	370.	U				
91-20-3	Naphthalene	380.	U	370.	U				
106-47-8	4-Chloroaniline	380.	U	370.	U				
87-68-3	Hexachlorobutadiene	380.	U	370.	U				
59-50-7	4-Chloro-3-methylphenol	380.	U	370.	U				
91-57-6	2-Methylnaphthalene	380.	U	370.	U				
77-47-4	Hexachlorocyclopentadiene	380.	U	370.	U				
88-06-2	2,4,6-Trichlorophenol	380.	U	370.	U				
95-95-4	2,4,5-Trichlorophenol	1800.	U	1800.	U				
91-58-7	2-Chloronaphthalene	380.	U	370.	U				
88-74-4	2-Nitroaniline	1800.	U	1800.	U				
131-11-3	Dimethyl phthalate	380.	U	370.	U				
208-96-8	Acenaphthylene	380.	U	370.	U				
606-20-2	2,6-Dinitrotoluene	380.	U	370.	U				
99-09-2	3-Nitroaniline	1800.	U	1800.	U				
83-32-9	Acenaphthene	380.	U	370.	U				
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U				
100-02-7	4-Nitrophenol	1800.	U	1800.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 SVOA									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/10/97		01/10/97					
	DATE ANALYZED --->	01/20/97		01/20/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
132-64-9	Dibenzofuran	380.	U	370.	U				
121-14-2	2,4-Dinitrotoluene	380.	U	370.	U				
84-66-2	Diethylphthalate	380.	U	370.	U				
7005-72-3	4-Chlorophenylphenylether	380.	U	370.	U				
86-73-7	Fluorene	380.	U	370.	U				
100-01-6	4-Nitroaniline	1800.	U	1800.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U				
86-30-6	N-Nitrosodiphenylamine	380.	U	370.	U				
101-55-3	4-Bromophenyl-phenylether	380.	U	370.	U				
118-74-1	Hexachlorobenzene	380.	U	370.	U				
87-86-5	Pentachlorophenol	1800.	U	1800.	U				
85-01-8	Phenanthrene	380.	U	370.	U				
120-12-7	Anthracene	380.	U	370.	U				
86-74-8	Carbazole	380.	UR	370.	UR				
84-74-2	Di-n-butylphthalate	380.	U	370.	U				
206-44-0	Fluoranthene	41.	J	370.	U				
129-00-0	Pyrene	380.	U	370.	U				
85-68-7	Butylbenzylphthalate	380.	U	370.	U				
91-94-1	3,3'-Dichlorobenzidine	750.	U	740.	U				
56-55-3	Benzo(a)anthracene	380.	U	370.	U				
218-01-9	Chrysene	380.	U	370.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	370.	U				
117-84-0	Di-n-octyl phthalate	380.	U	370.	U				
205-99-2	Benzo(b)fluoranthene	45.	J	370.	U				
207-08-9	Benzo(k)fluoranthene	380.	U	370.	U				
50-32-8	Benzo(a)pyrene	380.	U	370.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	370.	U				
53-70-3	Dibenz(a,h)anthracene	380.	U	370.	U				
191-24-2	Benzo(g,h,i)perylene	380.	U	370.	U				
110-86-1	Pyridine	380.	U	370.	U				
62-75-9	N-Nitrosodimethylamine	380.	U	370.	U				
66-27-3	Methyl methanesulfonate	1800.	U	1800.	U				
62-53-3	Aniline	380.	U	370.	U				
10595-95-6	N-Nitrosomethylethylamine	380.	U	370.	U				
55-18-5	N-Nitrosodiethylamine	380.	U	370.	U				
62-50-0	Ethyl methanesulfonate	380.	U	370.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
ORIGINAL ID ----->	643CB00901		643CB01001					
LAB SAMPLE ID --->	28115.01		28115.02					
ID FROM REPORT -->	643CB00901		643CB01001					
SAMPLE DATE ----->	01/08/97		01/08/97					
DATE EXTRACTED -->	01/10/97		01/10/97					
DATE ANALYZED --->	01/20/97		01/20/97					
MATRIX ---------->	Soil		Soil					
UNITS ---------->	UG/KG		UG/KG					
CAS # Parameter	28114	VAL	28114	VAL				
109-06-8 2-Picoline	380.	U	370.	U				
98-86-2 Acetophenone	380.	U	370.	U				
930-55-2 N-Nitrosopyrrolidine	380.	U	370.	U				
108-39-4 3-Methylphenol (m-Cresol)	380.	U	370.	U				
59-89-2 N-Nitrosomorpholine	380.	U	370.	U				
95-53-4 o-Toluidine	380.	U	370.	U				
96-12-8 1,2-Dibromo-3-Chloropropane	380.	UR	370.	UR				
100-75-4 N-Nitrosopiperidine	380.	U	370.	U				
126-68-1 O,O,O-Triethylphosphorothioate	380.	U	370.	U				
122-09-8 a,a-Dimethylphenethylamine	380.	U	370.	U				
87-65-0 2,6-Dichlorophenol	380.	U	370.	U				
1888-71-7 Hexachloropropene	380.	U	370.	U				
106-50-3 p-Phenylenediamine	1800.	U	1800.	U				
924-16-3 N-Nitroso-di-n-butylamine	380.	U	370.	U				
95-94-3 1,2,4,5-Tetrachlorobenzene	380.	UJ	370.	UJ				
94-59-7 Safrole	380.	UJ	370.	UJ				
120-58-1 Isosafrole	380.	UJ	370.	UJ				
130-15-4 1,4-Naphthoquinone	380.	U	370.	U				
99-65-0 1,3-Dinitrobenzene	380.	U	370.	U				
58-90-2 2,3,4,6-Tetrachlorophenol	380.	U	370.	U				
608-93-5 Pentachlorobenzene	380.	UJ	370.	UJ				
134-32-7 1-Naphthylamine	380.	UJ	370.	UJ				
56-57-5 4-Nitroquinoline 1-oxide	1800.	U	1800.	U				
91-59-8 2-Naphthylamine	380.	U	370.	U				
297-97-2 Thionazin	750.	U	740.	U				
99-55-8 5-Nitro-o-toluidine	380.	UJ	370.	UJ				
122-39-4 Diphenylamine	380.	UJ	370.	UJ				
3689-24-5 Sulfotep	750.	U	740.	U				
99-35-4 1,3,5-Trinitrobenzene	380.	U	370.	U				
298-02-2 Phorate	380.	U	370.	U				
62-44-2 Phenacetin	380.	U	370.	U				
2303-16-4 Diallate	380.	U	370.	U				
60-51-5 Dimethoate	380.	U	370.	U				
92-67-1 4-Aminobiphenyl	380.	UJ	370.	UJ				
23950-58-5 Pronamide	380.	UJ	370.	UJ				
82-68-8 Pentachloronitrobenzene	1800.	UJ	1800.	UJ				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 SVOA

	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/10/97		01/10/97					
	DATE ANALYZED --->	01/20/97		01/20/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
298-04-4	Disulfoton	380.	U	370.	U				
88-85-7	Dinoseb	380.	U	370.	U				
298-00-0	Methyl parathion	750.	U	740.	U				
56-38-2	Parathion	750.	U	740.	U				
91-80-5	Methapyrilene	750.	U	740.	U				
465-73-6	Isodrin	750.	U	740.	U				
140-57-8	Aramite	1800.	UR	1800.	UR				
60-11-7	p-(Dimethylamino)azobenzene	380.	U	370.	U				
510-15-6	Chlorobenzilate	380.	U	370.	U				
119-93-7	3,3-Dimethylbenzidine	380.	U	370.	U				
143-50-0	Kepone	1800.	UJ	1800.	UJ				
52-85-7	Famphur	380.	U	370.	U				
53-96-3	Acetamidofluorene	380.	U	370.	U				
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	U	1800.	U				
70-30-4	Hexachlorophene	7500.	UR	7400.	UR				
56-49-5	3-Methyl cholanthrene	380.	UR	370.	UR				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	643-C-B009-01		643-C-B010-01				
ORIGINAL ID ----->	643CB00901		643CB01001				
LAB SAMPLE ID --->	28115.01		28115.02				
ID FROM REPORT -->	643CB00901		643CB01001				
SAMPLE DATE ----->	01/08/97		01/08/97				
DATE ANALYZED --->	01/14/97		01/13/97				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	28114	VAL	28114	VAL			
74-87-3 Chloromethane	11.	U	11.	U			
74-83-9 Bromomethane	11.	U	11.	U			
75-01-4 Vinyl chloride	11.	U	11.	U			
75-00-3 Chloroethane	11.	U	11.	U			
75-09-2 Methylene chloride	6.	U	6.	U			
67-64-1 Acetone	11.	U	11.	U			
75-15-0 Carbon disulfide	6.	U	6.	U			
75-35-4 1,1-Dichloroethene	6.	U	6.	U			
75-34-3 1,1-Dichloroethane	6.	U	6.	U			
540-59-0 1,2-Dichloroethene (total)	6.	U	6.	U			
67-66-3 Chloroform	6.	U	6.	U			
107-06-2 1,2-Dichloroethane	6.	U	6.	U			
78-93-3 2-Butanone (MEK)	11.	U	11.	U			
71-55-6 1,1,1-Trichloroethane	6.	U	6.	U			
56-23-5 Carbon tetrachloride	6.	U	6.	U			
108-05-4 Vinyl acetate	11.	U	11.	U			
75-27-4 Bromodichloromethane	6.	U	6.	U			
78-87-5 1,2-Dichloropropane	6.	U	6.	U			
10061-01-5 cis-1,3-Dichloropropene	6.	U	6.	U			
79-01-6 Trichloroethene	6.	U	6.	U			
124-48-1 Dibromochloromethane	6.	U	6.	U			
79-00-5 1,1,2-Trichloroethane	6.	U	6.	U			
71-43-2 Benzene	6.	U	6.	U			
10061-02-6 trans-1,3-Dichloropropene	6.	U	6.	U			
75-25-2 Bromoform	6.	U	6.	U			
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U			
591-78-6 2-Hexanone	11.	U	11.	U			
127-18-4 Tetrachloroethene	6.	U	6.	U			
108-88-3 Toluene	6.	U	6.	U			
79-34-5 1,1,2,2-Tetrachloroethane	6.	U	6.	U			
108-90-7 Chlorobenzene	6.	U	6.	U			
100-41-4 Ethylbenzene	6.	U	6.	U			
100-42-5 Styrene	6.	U	6.	U			
1330-20-7 Xylene (Total)	6.	U	6.	U			
110-75-8 2-Chloroethyl vinyl ether	11.	U	11.	U			
107-02-8 Acrolein	57.	UJ	56.	UR			
74-88-4 Methyl iodide	6.	U	6.	UJ			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

APX9 VOA									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE ANALYZED --->	01/14/97		01/13/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
107-05-1	3-Chloropropene	6.	U	6.	U				
126-99-8	Chloroprene	6.	U	6.	U				
110-57-6	trans-1,4-Dichloro-2-butene	6.	U	6.	U				
76-01-7	Pentachloroethane	6.	U	6.	U				
75-05-8	Acetonitrile	230.	U	220.	UJ				
107-13-1	Acrylonitrile	57.	U	56.	U				
107-12-0	Propionitrile	110.	U	110.	U				
126-98-7	Methacrylonitrile	110.	U	110.	U				
78-83-1	Isobutyl alcohol	230.	UR	220.	UR				
123-91-1	1,4-Dioxane	570.	UR	560.	UR				
80-62-6	Methyl methacrylate	6.	U	6.	U				
97-63-2	Ethyl methacrylate	6.	U	6.	U				
106-93-4	1, 2-Dibromoethane	6.	U	6.	U				
630-20-6	1,1,1,2-Tetrachloroethane	6.	U	6.	U				
96-18-4	1,2,3-Trichloropropane	6.	U	6.	U				
75-71-8	Dichlorodifluoromethane	6.	UJ	6.	U				
75-69-4	Trichlorofluoromethane	6.	U	6.	U				
74-95-3	Methylene bromide	11.	U	11.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U	11.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

CATION							
	SAMPLE ID ------->	643-S-B007-P1					
	ORIGINAL ID ----->	643SB007P1					
	LAB SAMPLE ID --->	28312.02					
	ID FROM REPORT -->	643SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/22/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MEQ/1					
CAS #	Parameter	28298					
9999900-04-3	Cation Exchange Capacity	29.4					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

CYANIDE								
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01				
	ORIGINAL ID ----->	643CB00901		643CB01001				
	LAB SAMPLE ID --->	28115.01		28115.02				
	ID FROM REPORT -->	643CB00901		643CB01001				
	SAMPLE DATE ----->	01/08/97		01/08/97				
	DATE EXTRACTED -->	01/14/97		01/14/97				
	DATE ANALYZED --->	01/15/97		01/15/97				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	28114	VAL	28114	VAL			
57-12-5	Cyanide (CN)	0.11	U	0.12	J			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

HEXACHROME							
	SAMPLE ID ------->	643-C-B009-01	643-C-B010-01				
	ORIGINAL ID ----->	643CB00901	643CB01001				
	LAB SAMPLE ID --->	28115.01	28115.02				
	ID FROM REPORT -->	643CB00901	643CB01001				
	SAMPLE DATE ----->	01/08/97	01/08/97				
	DATE EXTRACTED -->	01/10/97	01/10/97				
	DATE ANALYZED --->	01/10/97	01/10/97				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	MG/KG	MG/KG				
CAS #	Parameter	28114 VAL	28114 VAL				
18540-29-9	Chromium (Hexavalent)	0.286 U	0.282 U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

PH							
	SAMPLE ID ------->	643-S-B007-P1					
	ORIGINAL ID ----->	643SB007P1					
	LAB SAMPLE ID --->	28312.02					
	ID FROM REPORT -->	643SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/14/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	SU					
CAS #	Parameter	28298					
9999900-09-4	pH	8.05					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-DIOX									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/14/97		01/14/97					
	DATE ANALYZED --->	01/20/97		01/20/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	NG/KG		NG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
1746-01-6	2378-TCDD	0.177	U	0.339	U				
40321-76-4	12378-PeCDD	1.12	U	1.14	U				
39227-28-6	123478-HxCDD	0.389	U	1.06	U				
57653-85-7	123678-HxCDD	0.25	U	0.681	U				
19408-74-3	123789-HxCDD	0.273	U	0.742	U				
35822-46-9	1234678-HpCDD	6.44		152.					
3268-87-9	OCDD	69.5		1300.					
51207-31-9	2378-TCDF	0.171	U	0.586	U				
57117-41-6	12378-PeCDF	0.864		19.4					
57117-31-4	23478-PeCDF	0.305	U	0.858	U				
70648-26-9	123478-HxCDF	1.1	J	16.6	J				
57117-44-9	123678-HxCDF	0.253	U	0.955	U				
72918-21-9	123789-HxCDF	0.366	U	1.38	U				
60851-34-5	234678-HxCDF	0.331	U	1.25	U				
67562-39-4	1234678-HpCDF	3.17	U	14.	U				
55673-89-7	1234789-HpCDF	0.197	U	1.07					
39001-02-0	OCDF	1.68		24.2					
41903-57-5	Total Tetra-Dioxins	3.09		4.67					
36088-22-9	Total Penta-Dioxins	1.12	U	1.14	U				
34465-46-8	Total Hexa-Dioxins	0.25	U	0.681	U				
37871-00-4	Total Hepta-Dioxins	23.9		387.					
55722-27-5	Total Tetra-Furans	0.804		22.4					
30602-15-4	Total Penta-Furans	4.16		76.7					
55684-94-1	Total Hexa-Furans	3.8		44.7					
38998-75-3	Total Hepta-Furans	0.165	U	15.					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	643-S-B001-01		643-S-B001-02		643-S-B004-01		643-S-B004-02		643-S-B007-01		643-S-B007-02	
	ORIGINAL ID ----->	643SB00101		643SB00102		643SB00401		643SB00402		643SB00701		643SB00702	
	LAB SAMPLE ID --->	27065.04		27065.05		27065.06		27065.07		27065.02		27065.03	
	ID FROM REPORT -->	643SB00101		643SB00102		643SB00401		643SB00402		643SB00701		643SB00702	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/24/96		09/24/96		09/24/96		09/24/96	
	DATE EXTRACTED -->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27065	VAL	27065	VAL	27065	VAL	27065	VAL
7429-90-5	Aluminum (Al)	3220.		2160.		3110.		3380.		4150.		5740.	
7440-36-0	Antimony (Sb)	0.36	U	0.37	U	1.	J	0.37	U	0.32	U	0.4	U
7440-38-2	Arsenic (As)	3.4		2.4		5.3		5.1		1.2		8.1	
7440-39-3	Barium (Ba)	8.3		5.6		16.8		10.8		8.2		9.1	
7440-41-7	Beryllium (Be)	0.31		0.33		0.37		0.39		0.11	U	0.48	
7440-43-9	Cadmium (Cd)	0.07	J	0.05	U	0.66		0.28	J	0.05	J	0.25	J
7440-70-2	Calcium (Ca)	32600.		4960.		24700.		7520.		651.		97200.	
7440-47-3	Chromium (Cr)	9.9	J	6.1	J	16.6	J	11.1	J	4.7	J	33.7	J
7440-48-4	Cobalt (Co)	24.8		0.73	J	1.7	J	1.6	J	0.48	J	1.5	J
7440-50-8	Copper (Cu)	20.3		1.4	U	36.8		9.8		0.9	U	7.4	
7439-89-6	Iron (Fe)	4340.		2770.		6290.		6350.		3400.		7150.	
7439-92-1	Lead (Pb)	5.6		2.6		154.		27.5		4.7		3.3	
7439-95-4	Magnesium (Mg)	912.		467.		1060.		912.		162.		3980.	
7439-96-5	Manganese (Mn)	44.1		18.		58.2		51.9		7.4		103.	
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
7440-02-0	Nickel (Ni)	6.7	U	1.6	U	21.5	J	9.1	U	1.4	U	14.4	U
7440-09-7	Potassium (K)	322.	J	288.	J	306.	J	398.	J	213.	U	827.	
7782-49-2	Selenium (Se)	0.53	J	0.37	U	0.47	J	0.37	U	0.32	U	1.2	
7440-22-4	Silver (Ag)	0.65	J	0.23	U	0.22	U	0.23	U	0.2	U	0.25	U
7440-23-5	Sodium (Na)	277.	U	240.	U	276.	U	236.	U	96.1	U	617.	U
7440-28-0	Thallium (Tl)	0.4	UJ	0.42	UJ	0.39	UJ	0.53	UJ	0.36	UJ	0.45	UJ
7440-31-5	Tin (Sn)	0.92	U	0.99	U	3.1	U	1.5	U	1.3	U	1.1	U
7440-62-2	Vanadium (V)	9.4		6.1		141.		31.3		7.9		21.8	
7440-66-6	Zinc (Zn)	19.1	U	9.6	U	143.	U	34.8	U	6.	U	36.3	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-META									
	SAMPLE ID ------->	643-C-B009-01		643-C-B010-01					
	ORIGINAL ID ----->	643CB00901		643CB01001					
	LAB SAMPLE ID --->	28115.01		28115.02					
	ID FROM REPORT -->	643CB00901		643CB01001					
	SAMPLE DATE ----->	01/08/97		01/08/97					
	DATE EXTRACTED -->	01/10/97		01/10/97					
	DATE ANALYZED --->	01/14/97		01/14/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	28114	VAL	28114	VAL				
7429-90-5	Aluminum (Al)	5210.		6290.					
7440-36-0	Antimony (Sb)	0.34	U	0.86	J				
7440-38-2	Arsenic (As)	52.7		6.5					
7440-39-3	Barium (Ba)	11.1		130.					
7440-41-7	Beryllium (Be)	0.2	J	0.37					
7440-43-9	Cadmium (Cd)	0.14	J	0.69					
7440-70-2	Calcium (Ca)	12700.		106000.					
7440-47-3	Chromium (Cr)	8.8		52.3					
7440-48-4	Cobalt (Co)	0.73	J	1.5	J				
7440-50-8	Copper (Cu)	5.5		22.5					
7439-89-6	Iron (Fe)	4140.		5530.					
7439-92-1	Lead (Pb)	9.1		94.6					
7439-95-4	Magnesium (Mg)	664.		2860.					
7439-96-5	Manganese (Mn)	30.9		184.					
7439-97-6	Mercury (Hg)	0.09		0.14					
7440-02-0	Nickel (Ni)	3.6	J	16.8					
7440-09-7	Potassium (K)	260.	J	761.					
7782-49-2	Selenium (Se)	0.34	U	0.86					
7440-22-4	Silver (Ag)	0.22	U	0.21	U				
7440-23-5	Sodium (Na)	266.		623.					
7440-28-0	Thallium (Tl)	0.39	U	0.38	U				
7440-31-5	Tin (Sn)	0.92	J	2.4	J				
7440-62-2	Vanadium (V)	12.2		51.5					
7440-66-6	Zinc (Zn)	24.1		155.					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	643-C-B009-01		643-C-B010-01				
ORIGINAL ID ----->	643CB00901		643CB01001				
LAB SAMPLE ID --->	28115.01		28115.02				
ID FROM REPORT -->	643CB00901		643CB01001				
SAMPLE DATE ----->	01/08/97		01/08/97				
DATE EXTRACTED -->	01/10/97		01/10/97				
DATE ANALYZED --->	01/15/97		01/15/97				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	28114	VAL	28114	VAL			
298-02-2 Phorate	77.	U	76.	U			
298-04-4 Disulfoton	137.	U	135.	U			
298-00-0 Methyl parathion	19.	U	19.	U			

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	643-S-B001-01		643-S-B001-02		643-S-B002-01		643-S-B002-02		643-S-B003-01		643-S-B003-02	
	ORIGINAL ID ----->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	LAB SAMPLE ID --->	27065.04		27065.05		27090.01		27090.02		27178.01		27178.02	
	ID FROM REPORT -->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		10/02/96		10/02/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/22/96		09/22/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/08/96		10/07/96		10/17/96		10/17/96		10/29/96		10/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27178	VAL	27178	VAL
319-84-6	alpha-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
319-85-7	beta-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
319-86-8	delta-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
76-44-8	Heptachlor	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
309-00-2	Aldrin	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
1024-57-3	Heptachlor epoxide	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
959-98-8	Endosulfan I	1.5	U	1.6	U	1.4	U	1.5	U	1.5	U	1.6	U
60-57-1	Dieldrin	3.	U	3.1	U	2.7	U	2.9	U	3.	U	3.1	U
72-55-9	4,4'-DDE	8.8		3.1	U	210.	D	3.3		8.2		10.	
72-20-8	Endrin	3.	U	3.1	U	5.7		2.9	U	3.	U	3.1	U
33213-65-9	Endosulfan II	3.	U	3.1	U	2.7	U	2.9	U	3.	U	3.1	U
72-54-8	4,4'-DDD	4.		3.1	U	10.	U	2.9	U	3.	U	3.1	U
1031-07-8	Endosulfan sulfate	3.	U	3.1	U	2.7	U	2.9	U	3.	U	3.1	U
50-29-3	4,4'-DDT	3.	U	3.1	U	55.	D	2.9	U	6.8		25.	J
72-43-5	Methoxychlor	15.	U	16.	U	14.	U	15.	U	15.	U	16.	U
53494-70-5	Endrin ketone	3.	U	3.1	U	2.7	U	2.9	U	3.	U	3.1	U
7421-93-4	Endrin aldehyde	3.	U	3.1	U	14.	U	3.8	J	3.	U	3.1	U
5103-71-9	alpha-Chlordane	1.5	U	1.6	U	6.		1.5	U	1.5	U	3.2	
5103-74-2	gamma-Chlordane	1.5	U	1.6	U	24.	D	1.5	U	1.5	U	13.	U
8001-35-2	Toxaphene	99.	U	100.	U	90.	U	98.	U	99.	U	100.	U
12674-11-2	Aroclor-1016	39.	U	41.	U	36.	U	39.	U	39.	U	41.	U
11104-28-2	Aroclor-1221	39.	U	41.	U	36.	U	39.	U	39.	U	41.	U
11141-16-5	Aroclor-1232	39.	U	41.	U	36.	U	39.	U	39.	U	41.	U
53469-21-9	Aroclor-1242	39.	U	41.	U	36.	U	39.	U	39.	U	41.	U
12672-29-6	Aroclor-1248	39.	U	41.	U	36.	U	39.	U	39.	U	41.	U
11097-69-1	Aroclor-1254	80.	U	83.	U	73.	U	79.	U	80.	U	83.	U
11096-82-5	Aroclor-1260	80.	U	83.	U	73.	U	79.	U	71.	J	420.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	643-S-B004-01		643-S-B004-02		643-S-B005-01		643-S-B005-02		643-S-B006-01		643-S-B006-02	
	ORIGINAL ID ----->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	LAB SAMPLE ID --->	27065.06		27065.07		27090.13		27090.14		27090.11		27090.12	
	ID FROM REPORT -->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/22/96		09/22/96		09/22/96		09/22/96	
	DATE ANALYZED --->	10/08/96		10/08/96		10/17/96		10/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27090	VAL	27090	VAL
319-84-6	alpha-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
319-85-7	beta-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
319-86-8	delta-BHC	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
76-44-8	Heptachlor	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
309-00-2	Aldrin	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
1024-57-3	Heptachlor epoxide	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
959-98-8	Endosulfan I	1.5	U	1.6	U	1.4	U	1.5	U	1.6	U	1.7	U
60-57-1	Dieldrin	2.8	U	3.	U	2.7	U	2.9	U	10.	U	22.	
72-55-9	4,4'-DDE	54.	D	45.		20.		2.9	U	380.	D	3.3	U
72-20-8	Endrin	2.8	U	3.	U	2.7	U	2.9	U	8.5	J	3.3	U
33213-65-9	Endosulfan II	2.8	U	3.	U	2.7	U	2.9	U	3.1	U	3.3	U
72-54-8	4,4'-DDD	2.8	U	3.	U	2.7	U	2.9	U	3.1	U	3.3	U
1031-07-8	Endosulfan sulfate	2.8	U	3.	U	2.7	U	2.9	U	3.1	U	3.3	U
50-29-3	4,4'-DDT	46.		28.		16.	U	2.9	U	94.	D	3.3	U
72-43-5	Methoxychlor	15.	U	16.	U	14.	U	15.	U	16.	U	17.	U
53494-70-5	Endrin ketone	2.8	U	3.	U	2.7	U	2.9	U	3.1	U	3.3	U
7421-93-4	Endrin aldehyde	2.8	U	3.	U	2.7	U	2.9	U	3.9	U	3.3	U
5103-71-9	alpha-Chlordane	1.5	U	1.6	U	1.7		1.5	U	3.5	U	1.7	U
5103-74-2	gamma-Chlordane	15.	J	1.6	U	6.2		1.5	U	9.9	U	1.7	U
8001-35-2	Toxaphene	94.	U	100.	U	91.	U	96.	U	100.	U	110.	U
12674-11-2	Aroclor-1016	38.	U	40.	U	36.	U	38.	U	41.	U	43.	U
11104-28-2	Aroclor-1221	38.	U	40.	U	36.	U	38.	U	41.	U	43.	U
11141-16-5	Aroclor-1232	38.	U	40.	U	36.	U	38.	U	41.	U	43.	U
53469-21-9	Aroclor-1242	38.	U	40.	U	36.	U	38.	U	41.	U	43.	U
12672-29-6	Aroclor-1248	38.	U	40.	U	36.	U	38.	U	41.	U	43.	U
11097-69-1	Aroclor-1254	76.	U	82.	U	74.	U	78.	U	83.	U	88.	U
11096-82-5	Aroclor-1260	76.	U	82.	U	74.	U	78.	U	83.	U	88.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	643-S-B007-01		643-S-B007-02		643-S-B008-01		643-S-B008-02		643-S-B009-01		643-S-B009-02	
	ORIGINAL ID ----->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	LAB SAMPLE ID --->	27065.02		27065.03		28146.05		28146.06		28114.07		28114.08	
	ID FROM REPORT -->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	SAMPLE DATE ----->	09/24/96		09/24/96		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	09/26/96		09/26/96		01/16/97		01/16/97		01/10/97		01/10/97	
	DATE ANALYZED --->	10/07/96		10/08/96		01/22/97		01/22/97		01/21/97		01/21/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
319-84-6	alpha-BHC	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
319-85-7	beta-BHC	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
319-86-8	delta-BHC	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
76-44-8	Heptachlor	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
309-00-2	Aldrin	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
1024-57-3	Heptachlor epoxide	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
959-98-8	Endosulfan I	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
60-57-1	Dieldrin	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
72-55-9	4,4'-DDE	3.	J	3.3	U	100.	D	3.7	U	70.	D	4.9	
72-20-8	Endrin	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
33213-65-9	Endosulfan II	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
72-54-8	4,4'-DDD	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
1031-07-8	Endosulfan sulfate	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
50-29-3	4,4'-DDT	110.	D	3.3	U	24.		3.7	U	32.		11.	
72-43-5	Methoxychlor	14.	U	17.	U	15.	U	19.	U	14.	U	16.	U
53494-70-5	Endrin ketone	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
7421-93-4	Endrin aldehyde	2.6	U	3.3	U	2.9	U	3.7	U	2.8	U	3.1	U
5103-71-9	alpha-Chlordane	1.4	U	1.7	U	1.5	U	1.9	U	1.4	U	1.6	U
5103-74-2	gamma-Chlordane	1.4	U	1.7	U	5.6		1.9	U	1.4	U	1.6	U
8001-35-2	Toxaphene	88.	U	110.	U	96.	U	120.	U	92.	U	100.	U
12674-11-2	Aroclor-1016	35.	U	44.	U	38.	U	49.	U	37.	U	41.	U
11104-28-2	Aroclor-1221	35.	U	44.	U	38.	U	49.	U	37.	U	41.	U
11141-16-5	Aroclor-1232	35.	U	44.	U	38.	U	49.	U	37.	U	41.	U
53469-21-9	Aroclor-1242	35.	U	44.	U	38.	U	49.	U	37.	U	41.	U
12672-29-6	Aroclor-1248	35.	U	44.	U	38.	U	49.	U	37.	U	41.	U
11097-69-1	Aroclor-1254	71.	U	89.	U	78.	U	100.	U	74.	U	83.	U
11096-82-5	Aroclor-1260	1700.	D	89.	U	110.		100.	U	120.		170.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	643-S-B010-01		643-S-B010-02 RE		643-S-B011-01		643-S-B011-02		643-S-B012-01		643-S-B012-02	
	ORIGINAL ID ----->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	LAB SAMPLE ID --->	28114.09		28114.10		28146.07		28146.08		28114.11		28114.12	
	ID FROM REPORT -->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/16/97		01/20/97		01/16/97		01/16/97		01/10/97		01/10/97	
	DATE ANALYZED --->	01/21/97		01/22/97		01/22/97		01/22/97		01/21/97		01/21/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
319-84-6	alpha-BHC	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
319-85-7	beta-BHC	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
319-86-8	delta-BHC	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
76-44-8	Heptachlor	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
309-00-2	Aldrin	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
1024-57-3	Heptachlor epoxide	3.6	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
959-98-8	Endosulfan I	1.5	U	1.5	U	1.5	U	1.8	U	1.4	U	1.6	U
60-57-1	Dieldrin	2.9	U	3.	U	2.8	U	3.4	U	2.7	U	3.1	U
72-55-9	4,4'-DDE	64.	D	3.	U	12.		3.4	U	9.8		7.3	
72-20-8	Endrin	12.	U	3.	U	2.8	U	3.4	U	2.7	U	3.1	U
33213-65-9	Endosulfan II	2.9	U	3.	U	2.8	U	3.4	U	2.7	U	3.1	U
72-54-8	4,4'-DDD	24.	J	3.	U	2.8	U	3.4	U	3.9	U	3.1	U
1031-07-8	Endosulfan sulfate	2.9	U	3.	U	2.8	U	3.4	U	2.7	U	3.1	U
50-29-3	4,4'-DDT	250.	DJ	3.	U	2.8	U	3.4	U	26.		3.1	U
72-43-5	Methoxychlor	15.	U	15.	U	15.	U	18.	U	14.	U	16.	U
53494-70-5	Endrin ketone	2.9	U	3.	U	2.8	U	3.4	U	2.7	U	3.1	U
7421-93-4	Endrin aldehyde	120.	DJ	3.	U	2.8	U	3.4	U	4.4	U	3.1	U
5103-71-9	alpha-Chlordane	6.5	J	1.5	U	1.5	U	1.8	U	13.		1.6	U
5103-74-2	gamma-Chlordane	17.	J	1.5	U	1.5	U	1.8	U	18.		1.6	U
8001-35-2	Toxaphene	96.	U	99.	U	93.	U	110.	U	91.	U	100.	U
12674-11-2	Aroclor-1016	38.	U	39.	U	37.	U	44.	U	36.	U	41.	U
11104-28-2	Aroclor-1221	38.	U	39.	U	37.	U	44.	U	36.	U	41.	U
11141-16-5	Aroclor-1232	38.	U	39.	U	37.	U	44.	U	36.	U	41.	U
53469-21-9	Aroclor-1242	38.	U	39.	U	37.	U	44.	U	36.	U	41.	U
12672-29-6	Aroclor-1248	38.	U	39.	U	37.	U	44.	U	36.	U	41.	U
11097-69-1	Aroclor-1254	78.	U	80.	U	75.	U	90.	U	74.	U	84.	U
11096-82-5	Aroclor-1260	2200.	DJ	7.	J	75.	U	90.	U	150.		84.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B001-01		643-S-B001-02		643-S-B002-01		643-S-B002-02		643-S-B003-01		643-S-B003-02	
	ORIGINAL ID ----->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	LAB SAMPLE ID --->	27065.04		27065.05		27090.01		27090.02		27178.01		27178.02	
	ID FROM REPORT -->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		10/02/96		10/02/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/27/96		09/27/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/16/96		10/16/96		10/16/96		10/16/96		10/23/96		10/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27178	VAL	27178	VAL
108-95-2	Phenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
95-57-8	2-Chlorophenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
541-73-1	1,3-Dichlorobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
106-46-7	1,4-Dichlorobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
100-51-6	Benzyl alcohol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
95-50-1	1,2-Dichlorobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
67-72-1	Hexachloroethane	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
98-95-3	Nitrobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
78-59-1	Isophorone	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
88-75-5	2-Nitrophenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
105-67-9	2,4-Dimethylphenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
65-85-0	Benzoic acid	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
120-83-2	2,4-Dichlorophenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
91-20-3	Naphthalene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
106-47-8	4-Chloroaniline	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
87-68-3	Hexachlorobutadiene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
91-57-6	2-Methylnaphthalene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
91-58-7	2-Chloronaphthalene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
88-74-4	2-Nitroaniline	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
131-11-3	Dimethyl phthalate	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
208-96-8	Acenaphthylene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
99-09-2	3-Nitroaniline	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
83-32-9	Acenaphthene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
51-28-5	2,4-Dinitrophenol	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
100-02-7	4-Nitrophenol	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B001-01		643-S-B001-02		643-S-B002-01		643-S-B002-02		643-S-B003-01		643-S-B003-02	
	ORIGINAL ID ----->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	LAB SAMPLE ID --->	27065.04		27065.05		27090.01		27090.02		27178.01		27178.02	
	ID FROM REPORT -->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		10/02/96		10/02/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/27/96		09/27/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/16/96		10/16/96		10/16/96		10/16/96		10/23/96		10/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27178	VAL	27178	VAL
132-64-9	Dibenzofuran	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
121-14-2	2,4-Dinitrotoluene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
606-20-2	2,6-Dinitrotoluene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
84-66-2	Diethylphthalate	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
86-73-7	Fluorene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
100-01-6	4-Nitroaniline	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
118-74-1	Hexachlorobenzene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
87-86-5	Pentachlorophenol	1900.	U	2000.	U	1700.	U	1900.	U	1900.	U	2000.	U
85-01-8	Phenanthrene	390.	U	410.	U	110.	J	390.	U	400.	U	49.	J
120-12-7	Anthracene	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
84-74-2	Di-n-butylphthalate	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
206-44-0	Fluoranthene	390.	U	410.	U	220.	J	44.	J	400.	U	130.	J
129-00-0	Pyrene	390.	U	410.	U	150.	J	390.	U	400.	U	120.	J
85-68-7	Butylbenzylphthalate	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	810.	U	720.	U	780.	U	800.	U	810.	U
56-55-3	Benzo(a)anthracene	390.	U	410.	U	81.	J	390.	U	400.	U	110.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
218-01-9	Chrysene	390.	U	410.	U	100.	J	390.	U	400.	U	120.	J
117-84-0	Di-n-octyl phthalate	390.	U	410.	U	360.	U	390.	U	400.	U	410.	U
205-99-2	Benzo(b)fluoranthene	390.	U	410.	U	71.	J	40.	J	60.	J	310.	J
207-08-9	Benzo(k)fluoranthene	390.	U	410.	U	60.	J	390.	U	43.	J	410.	U
50-32-8	Benzo(a)pyrene	390.	U	410.	U	93.	J	390.	U	46.	J	150.	J
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U	410.	U	38.	J	390.	U	42.	J	140.	J
53-70-3	Dibenz(a,h)anthracene	390.	U	410.	U	360.	U	390.	U	400.	U	70.	J
191-24-2	Benzo(g,h,i)perylene	390.	U	410.	U	60.	J	390.	U	57.	J	150.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA															
	SAMPLE ID ------->	643-S-B004-01		643-S-B004-02		643-S-B005-01		643-S-B005-02		643-S-B006-01		643-S-B006-02	
	ORIGINAL ID ----->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	LAB SAMPLE ID --->	27065.06		27065.07		27090.13		27090.14		27090.11		27090.12	
	ID FROM REPORT -->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/27/96		09/27/96		09/27/96		09/27/96	
	DATE ANALYZED --->	10/16/96		10/16/96		10/16/96		10/17/96		10/16/96		10/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27090	VAL	27090	VAL
108-95-2	Phenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
95-57-8	2-Chlorophenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
541-73-1	1,3-Dichlorobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
106-46-7	1,4-Dichlorobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
100-51-6	Benzyl alcohol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
95-50-1	1,2-Dichlorobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
67-72-1	Hexachloroethane	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
98-95-3	Nitrobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
78-59-1	Isophorone	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
88-75-5	2-Nitrophenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
105-67-9	2,4-Dimethylphenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
65-85-0	Benzoic acid	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
120-83-2	2,4-Dichlorophenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
91-20-3	Naphthalene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
106-47-8	4-Chloroaniline	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
87-68-3	Hexachlorobutadiene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
91-57-6	2-Methylnaphthalene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
91-58-7	2-Chloronaphthalene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
88-74-4	2-Nitroaniline	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
131-11-3	Dimethyl phthalate	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
208-96-8	Acenaphthylene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
99-09-2	3-Nitroaniline	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
83-32-9	Acenaphthene	380.	U	400.	U	86.	J	380.	U	410.	U	430.	U
51-28-5	2,4-Dinitrophenol	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
100-02-7	4-Nitrophenol	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B004-01		643-S-B004-02		643-S-B005-01		643-S-B005-02		643-S-B006-01		643-S-B006-02	
	ORIGINAL ID ----->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	LAB SAMPLE ID --->	27065.06		27065.07		27090.13		27090.14		27090.11		27090.12	
	ID FROM REPORT -->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		09/25/96		09/25/96	
	DATE EXTRACTED -->	09/26/96		09/26/96		09/27/96		09/27/96		09/27/96		09/27/96	
	DATE ANALYZED --->	10/16/96		10/16/96		10/16/96		10/17/96		10/16/96		10/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27090	VAL	27090	VAL
132-64-9	Dibenzofuran	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
121-14-2	2,4-Dinitrotoluene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
606-20-2	2,6-Dinitrotoluene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
84-66-2	Diethylphthalate	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
86-73-7	Fluorene	380.	U	400.	U	66.	J	380.	U	410.	U	430.	U
100-01-6	4-Nitroaniline	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
118-74-1	Hexachlorobenzene	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
87-86-5	Pentachlorophenol	1800.	U	2000.	U	1800.	U	1900.	U	2000.	U	2100.	U
85-01-8	Phenanthrene	130.	J	260.	J	970.		88.	J	410.	U	430.	U
120-12-7	Anthracene	380.	U	50.	J	200.	J	380.	U	410.	U	430.	U
84-74-2	Di-n-butylphthalate	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
206-44-0	Fluoranthene	240.	J	390.	J	1900.		180.	J	410.	U	430.	U
129-00-0	Pyrene	280.	J	370.	J	1300.		130.	J	410.	U	430.	U
85-68-7	Butylbenzylphthalate	380.	U	400.	U	360.	U	380.	U	410.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine	750.	U	800.	U	720.	U	770.	U	810.	U	870.	U
56-55-3	Benzo(a)anthracene	130.	J	180.	J	1000.		91.	J	410.	U	430.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	400.	U	360.	U	380.	U	410.	U	430.	U
218-01-9	Chrysene	180.	J	200.	J	970.		95.	J	410.	U	430.	U
117-84-0	Di-n-octyl phthalate	380.	UJ	400.	U	360.	U	380.	U	69.	J	430.	U
205-99-2	Benzo(b)fluoranthene	240.	J	210.	J	1000.	J	110.	J	410.	U	430.	U
207-08-9	Benzo(k)fluoranthene	380.	UJ	400.	U	580.	J	46.	J	410.	U	50.	J
50-32-8	Benzo(a)pyrene	380.	UJ	400.	U	900.		91.	J	410.	U	430.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	UJ	400.	U	500.		60.	J	410.	U	430.	U
53-70-3	Dibenz(a,h)anthracene	380.	UJ	400.	U	290.	J	380.	U	410.	U	430.	U
191-24-2	Benzo(g,h,i)perylene	380.	UJ	400.	U	530.		65.	J	410.	U	59.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B007-01		643-S-B007-02		643-S-B008-01		643-S-B008-02		643-S-B009-01		643-S-B009-02	
	ORIGINAL ID ----->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	LAB SAMPLE ID --->	27065.02		27065.03		28146.05		28146.06		28114.07		28114.08	
	ID FROM REPORT -->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	SAMPLE DATE ----->	09/24/96		09/24/96		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	09/26/96		09/26/96		01/13/97		01/13/97		01/10/97		01/10/97	
	DATE ANALYZED --->	10/16/96		10/16/96		01/23/97		01/22/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
108-95-2	Phenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
95-57-8	2-Chlorophenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
541-73-1	1,3-Dichlorobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
106-46-7	1,4-Dichlorobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
100-51-6	Benzyl alcohol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
95-50-1	1,2-Dichlorobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
67-72-1	Hexachloroethane	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
98-95-3	Nitrobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
78-59-1	Isophorone	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
88-75-5	2-Nitrophenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
105-67-9	2,4-Dimethylphenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
65-85-0	Benzoic acid	1700.	U	2100.	U	1900.	UJ	2400.	UJ	1800.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
120-83-2	2,4-Dichlorophenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
91-20-3	Naphthalene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
106-47-8	4-Chloroaniline	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
87-68-3	Hexachlorobutadiene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
91-57-6	2-Methylnaphthalene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
91-58-7	2-Chloronaphthalene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
88-74-4	2-Nitroaniline	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
131-11-3	Dimethyl phthalate	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
208-96-8	Acenaphthylene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
99-09-2	3-Nitroaniline	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
83-32-9	Acenaphthene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
51-28-5	2,4-Dinitrophenol	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
100-02-7	4-Nitrophenol	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B007-01		643-S-B007-02		643-S-B008-01		643-S-B008-02		643-S-B009-01		643-S-B009-02	
	ORIGINAL ID ----->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	LAB SAMPLE ID --->	27065.02		27065.03		28146.05		28146.06		28114.07		28114.08	
	ID FROM REPORT -->	643SB00701		643SB00702		643SB00801		643SB00802		643SB00901		643SB00902	
	SAMPLE DATE ----->	09/24/96		09/24/96		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	09/26/96		09/26/96		01/13/97		01/13/97		01/10/97		01/10/97	
	DATE ANALYZED --->	10/16/96		10/16/96		01/23/97		01/22/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
132-64-9	Dibenzofuran	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
121-14-2	2,4-Dinitrotoluene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
606-20-2	2,6-Dinitrotoluene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
84-66-2	Diethylphthalate	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
86-73-7	Fluorene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
100-01-6	4-Nitroaniline	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
118-74-1	Hexachlorobenzene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
87-86-5	Pentachlorophenol	1700.	U	2100.	U	1900.	U	2400.	U	1800.	U	2000.	U
85-01-8	Phenanthrene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
120-12-7	Anthracene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
84-74-2	Di-n-butylphthalate	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
206-44-0	Fluoranthene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
129-00-0	Pyrene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
85-68-7	Butylbenzylphthalate	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	700.	U	880.	U	770.	U	980.	U	730.	U	810.	U
56-55-3	Benzo(a)anthracene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
218-01-9	Chrysene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
117-84-0	Di-n-octyl phthalate	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
205-99-2	Benzo(b)fluoranthene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
207-08-9	Benzo(k)fluoranthene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
50-32-8	Benzo(a)pyrene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
53-70-3	Dibenz(a,h)anthracene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U
191-24-2	Benzo(g,h,i)perylene	350.	U	440.	U	380.	U	490.	U	370.	U	410.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B010-01		643-S-B010-02		643-S-B011-01		643-S-B011-02		643-S-B012-01		643-S-B012-02	
	ORIGINAL ID ----->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	LAB SAMPLE ID --->	28114.09		28114.10		28146.07		28146.08		28114.11		28114.12	
	ID FROM REPORT -->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/10/97		01/10/97		01/13/97		01/13/97		01/10/97		01/10/97	
	DATE ANALYZED --->	01/15/97		01/15/97		01/17/97		01/22/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
108-95-2	Phenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
95-57-8	2-Chlorophenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
541-73-1	1,3-Dichlorobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
106-46-7	1,4-Dichlorobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
100-51-6	Benzyl alcohol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
95-50-1	1,2-Dichlorobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
67-72-1	Hexachloroethane	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
98-95-3	Nitrobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
78-59-1	Isophorone	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
88-75-5	2-Nitrophenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
105-67-9	2,4-Dimethylphenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
65-85-0	Benzoic acid	1900.	U	1900.	U	1800.	U	2200.	UJ	1800.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
120-83-2	2,4-Dichlorophenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
91-20-3	Naphthalene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
106-47-8	4-Chloroaniline	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
87-68-3	Hexachlorobutadiene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
91-57-6	2-Methylnaphthalene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	390.	U	370.	UJ	440.	U	360.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
91-58-7	2-Chloronaphthalene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
88-74-4	2-Nitroaniline	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
131-11-3	Dimethyl phthalate	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
208-96-8	Acenaphthylene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
99-09-2	3-Nitroaniline	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
83-32-9	Acenaphthene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
51-28-5	2,4-Dinitrophenol	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
100-02-7	4-Nitrophenol	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	643-S-B010-01		643-S-B010-02		643-S-B011-01		643-S-B011-02		643-S-B012-01		643-S-B012-02	
	ORIGINAL ID ----->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	LAB SAMPLE ID --->	28114.09		28114.10		28146.07		28146.08		28114.11		28114.12	
	ID FROM REPORT -->	643SB01001		643SB01002		643SB01101		643SB01102		643SB01201		643SB01202	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/10/97		01/10/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/10/97		01/10/97		01/13/97		01/13/97		01/10/97		01/10/97	
	DATE ANALYZED --->	01/15/97		01/15/97		01/17/97		01/22/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28146	VAL	28146	VAL	28114	VAL	28114	VAL
132-64-9	Dibenzofuran	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
121-14-2	2,4-Dinitrotoluene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
606-20-2	2,6-Dinitrotoluene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
84-66-2	Diethylphthalate	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
86-73-7	Fluorene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
100-01-6	4-Nitroaniline	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
118-74-1	Hexachlorobenzene	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
87-86-5	Pentachlorophenol	1900.	U	1900.	U	1800.	U	2200.	U	1800.	U	2000.	U
85-01-8	Phenanthrene	270.	J	390.	U	370.	U	440.	U	190.	J	410.	U
120-12-7	Anthracene	72.	J	390.	U	370.	U	440.	U	48.	J	410.	U
84-74-2	Di-n-butylphthalate	40.	J	390.	U	370.	U	440.	U	360.	U	410.	U
206-44-0	Fluoranthene	500.		390.	U	370.	U	440.	U	380.		410.	U
129-00-0	Pyrene	440.		390.	U	370.	U	440.	U	280.	J	410.	U
85-68-7	Butylbenzylphthalate	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U	780.	U	740.	U	890.	U	720.	U	820.	U
56-55-3	Benzo(a)anthracene	240.	J	390.	U	370.	U	440.	U	180.	J	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
218-01-9	Chrysene	330.	J	390.	U	370.	U	440.	U	230.	J	410.	U
117-84-0	Di-n-octyl phthalate	380.	U	390.	U	370.	U	440.	U	360.	U	410.	U
205-99-2	Benzo(b)fluoranthene	330.	J	390.	U	370.	U	440.	U	240.	J	410.	U
207-08-9	Benzo(k)fluoranthene	270.	J	390.	U	370.	U	440.	U	170.	J	410.	U
50-32-8	Benzo(a)pyrene	270.	J	390.	U	370.	U	440.	U	190.	J	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	170.	J	390.	U	370.	U	440.	U	120.	J	410.	U
53-70-3	Dibenz(a,h)anthracene	100.	J	390.	U	370.	U	440.	U	69.	J	410.	U
191-24-2	Benzo(g,h,i)perylene	190.	J	390.	U	370.	U	440.	U	150.	J	410.	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	643-S-B001-01		643-S-B001-02		643-S-B002-01		643-S-B002-02		643-S-B003-01		643-S-B003-02	
	ORIGINAL ID ----->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	LAB SAMPLE ID --->	27065.04		27065.05		27090.01		27090.02		27178.01		27178.02	
	ID FROM REPORT -->	643SB00101		643SB00102		643SB00201		643SB00202		643SB00301		643SB00302	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		10/02/96		10/02/96	
	DATE ANALYZED --->	09/27/96		09/27/96		10/02/96		10/03/96		10/10/96		10/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27178	VAL	27178	VAL
74-87-3	Chloromethane	12.	U	12.	U	11.	U	12.	U	12.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	11.	U	12.	U	12.	U	12.	U
75-01-4	Vinyl chloride	12.	U	12.	U	11.	U	12.	U	12.	U	12.	U
75-00-3	Chloroethane	12.	U	12.	U	11.	U	12.	U	12.	U	12.	U
75-09-2	Methylene chloride	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
67-64-1	Acetone	60.	U	52.	U	45.	U	19.	U	12.	U	12.	U
75-15-0	Carbon disulfide	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
67-66-3	Chloroform	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	5.	U	12.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	12.	U	12.	U	11.	UJ	12.	UJ	12.	U	12.	U
75-27-4	Bromodichloromethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-01-6	Trichloroethene	6.	U	6.	U	2.	J	6.	U	6.	U	6.	U
124-48-1	Dibromochloromethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
71-43-2	Benzene	6.	U	6.	U	3.	J	6.	U	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	U	12.	U	11.	UR	12.	UR	12.	U	12.	U
75-25-2	Bromoform	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
591-78-6	2-Hexanone	12.	U	12.	U	11.	UJ	12.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	11.	UJ	12.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
108-88-3	Toluene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
108-90-7	Chlorobenzene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
100-41-4	Ethylbenzene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
100-42-5	Styrene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	643-S-B004-01		643-S-B004-02		643-S-B005-01		643-S-B005-02		643-S-B006-01		643-S-B006-02	
	ORIGINAL ID ----->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	LAB SAMPLE ID --->	27065.06		27065.07		27090.13		27090.14		27090.11		27090.12	
	ID FROM REPORT -->	643SB00401		643SB00402		643SB00501		643SB00502		643SB00601		643SB00602	
	SAMPLE DATE ----->	09/24/96		09/24/96		09/25/96		09/25/96		09/25/96		09/25/96	
	DATE ANALYZED --->	09/27/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27065	VAL	27065	VAL	27090	VAL	27090	VAL	27090	VAL	27090	VAL
74-87-3	Chloromethane	11.	U	12.	U	11.	U	12.	U	12.	U	13.	U
74-83-9	Bromomethane	11.	U	12.	U	11.	U	12.	U	12.	U	13.	U
75-01-4	Vinyl chloride	11.	U	12.	U	11.	U	12.	U	12.	U	13.	U
75-00-3	Chloroethane	11.	U	12.	U	11.	U	12.	U	12.	U	13.	U
75-09-2	Methylene chloride	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
67-64-1	Acetone	11.	U	12.	U	11.	U	92.	U	31.	U	13.	U
75-15-0	Carbon disulfide	6.	U	6.	U	5.	U	3.	J	6.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
67-66-3	Chloroform	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	12.	U	6.	U	13.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	11.	U	12.	UJ	11.	UJ	12.	UJ	12.	UJ	13.	UJ
75-27-4	Bromodichloromethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-01-6	Trichloroethene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
124-48-1	Dibromochloromethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
71-43-2	Benzene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	11.	U	12.	UR	11.	UR	12.	UR	12.	UR	13.	UR
75-25-2	Bromoform	6.	U	6.	U	5.	U	6.	U	6.	U	6.	U
591-78-6	2-Hexanone	11.	U	12.	U	11.	UJ	12.	U	12.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	UJ	12.	U	12.	U	13.	U
127-18-4	Tetrachloroethene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
108-88-3	Toluene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
108-90-7	Chlorobenzene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
100-41-4	Ethylbenzene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
100-42-5	Styrene	6.	U	6.	U	5.	UJ	6.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	6.	U	1.	J	5.	UJ	6.	U	6.	U	6.	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

SW846-VOA									
	SAMPLE ID ------->	643-S-B007-01		643-S-B007-02					
	ORIGINAL ID ----->	643SB00701		643SB00702					
	LAB SAMPLE ID --->	27065.02		27065.03					
	ID FROM REPORT -->	643SB00701		643SB00702					
	SAMPLE DATE ----->	09/24/96		09/24/96					
	DATE ANALYZED --->	09/27/96		09/27/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	27065	VAL	27065	VAL				
74-87-3	Chloromethane	11.	U	13.	U				
74-83-9	Bromomethane	11.	U	13.	U				
75-01-4	Vinyl chloride	11.	U	13.	U				
75-00-3	Chloroethane	11.	U	13.	U				
75-09-2	Methylene chloride	5.	U	7.	U				
67-64-1	Acetone	42.	U	35.	U				
75-15-0	Carbon disulfide	5.	U	7.	U				
75-35-4	1,1-Dichloroethene	5.	U	7.	U				
75-34-3	1,1-Dichloroethane	5.	U	7.	U				
540-59-0	1,2-Dichloroethene (total)	5.	U	7.	U				
67-66-3	Chloroform	5.	U	7.	U				
107-06-2	1,2-Dichloroethane	5.	U	7.	U				
78-93-3	2-Butanone (MEK)	11.	U	13.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	7.	U				
56-23-5	Carbon tetrachloride	5.	U	7.	U				
108-05-4	Vinyl acetate	11.	U	13.	U				
75-27-4	Bromodichloromethane	5.	U	7.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	7.	U				
78-87-5	1,2-Dichloropropane	5.	U	7.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	7.	U				
79-01-6	Trichloroethene	5.	U	7.	U				
124-48-1	Dibromochloromethane	5.	U	7.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	7.	U				
71-43-2	Benzene	5.	U	7.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	7.	U				
110-75-8	2-Chloroethyl vinyl ether	11.	U	13.	U				
75-25-2	Bromoform	5.	U	7.	U				
591-78-6	2-Hexanone	11.	U	13.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	13.	U				
127-18-4	Tetrachloroethene	5.	U	7.	U				
108-88-3	Toluene	5.	U	7.	U				
108-90-7	Chlorobenzene	5.	U	7.	U				
100-41-4	Ethylbenzene	5.	U	7.	U				
100-42-5	Styrene	5.	U	7.	U				
1330-20-7	Xylene (Total)	5.	U	7.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 643 SOIL SAMPLES

TOC							
	SAMPLE ID ------->	643-S-B007-P1					
	ORIGINAL ID ----->	643SB007P1					
	LAB SAMPLE ID --->	28312.02					
	ID FROM REPORT -->	643SB007P1					
	SAMPLE DATE ----->	01/28/97					
	DATE ANALYZED --->	02/05/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	28298					
9999900-01-4	Total Organic Carbon (TOC)	2980.					

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 HERB													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01 RE		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/17/96		10/17/96		10/17/96		10/22/96		10/17/96		10/17/96	
	DATE ANALYZED --->	10/19/96		10/19/96		10/19/96		10/24/96		10/20/96		10/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
94-75-7	2,4-D	37.	J	72.	U	70.	U	69.	U	73.	U	67.	U
93-72-1	2,4,5-TP (Silvex)	16.	U	16.	U	16.	U	16.	U	16.	U	15.	U
93-76-5	2,4,5-T	18.	U	19.	U	18.	U	18.	U	19.	U	17.	U
88-85-7	Dinoseb	42.	U	43.	U	42.	U	41.	U	44.	U	40.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/17/96
DATE ANALYZED --->	10/19/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
94-75-7	2,4-D	72.	U
93-72-1	2,4,5-TP (Silvex)	16.	U
93-76-5	2,4,5-T	19.	U
88-85-7	Dinoseb	43.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 PEST													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	10/26/96		10/26/96		10/26/96		10/26/96		10/26/96		10/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
319-84-6	alpha-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
319-85-7	beta-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	UJ
319-86-8	delta-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
76-44-8	Heptachlor	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
309-00-2	Aldrin	1.5	U	1.5	U	1.5	U	2.2	J	1.5	U	1.4	U
1024-57-3	Heptachlor epoxide	1.5	U	1.5	U	1.5	U	1.8	U	1.5	U	1.4	U
959-98-8	Endosulfan I	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
60-57-1	Dieldrin	3.4		2.9	U	2.8	U	3.3	J	2.9	U	2.7	U
72-55-9	4,4'-DDE	2.8	U	2.9	U	2.8	U	2.8	U	2.9	U	2.7	U
72-20-8	Endrin	2.8	U	2.9	U	2.8	U	2.8	U	2.9	U	2.7	U
33213-65-9	Endosulfan II	2.8	U	2.9	U	2.8	U	2.8	U	2.9	U	2.7	U
72-54-8	4,4'-DDD	2.8	U	2.9	U	2.8	U	5.8	U	2.9	U	2.7	U
1031-07-8	Endosulfan sulfate	2.8	U	2.9	U	2.8	U	2.8	U	2.9	U	2.7	U
50-29-3	4,4'-DDT	2.8	U	2.9	U	2.8	U	4.7	U	2.9	U	2.7	U
72-43-5	Methoxychlor	15.	U	15.	U	15.	U	14.	U	15.	U	14.	U
53494-70-5	Endrin ketone	2.8	U	2.9	U	2.8	U	2.8	U	2.9	U	2.7	U
7421-93-4	Endrin aldehyde	2.8	U	2.9	U	3.	UJ	3.	U	2.9	U	2.7	U
5103-71-9	alpha-Chlordane	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
5103-74-2	gamma-Chlordane	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.4	U
8001-35-2	Toxaphene	93.	U	96.	U	93.	U	92.	U	98.	U	90.	U
12674-11-2	Aroclor-1016	37.	U	38.	U	37.	U	37.	U	39.	U	36.	U
11104-28-2	Aroclor-1221	37.	U	38.	U	37.	U	37.	U	39.	U	36.	U
11141-16-5	Aroclor-1232	37.	U	38.	U	37.	U	37.	U	39.	U	36.	U
53469-21-9	Aroclor-1242	37.	U	38.	U	37.	U	37.	U	39.	U	36.	U
12672-29-6	Aroclor-1248	37.	U	38.	U	37.	U	37.	U	39.	U	36.	U
11097-69-1	Aroclor-1254	75.	U	78.	U	75.	U	74.	U	79.	U	73.	U
11096-82-5	Aroclor-1260	75.	U	78.	U	75.	U	74.	U	79.	U	73.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	10/26/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
319-84-6	alpha-BHC	1.5	U
319-85-7	beta-BHC	1.5	U
319-86-8	delta-BHC	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U
76-44-8	Heptachlor	1.5	U
309-00-2	Aldrin	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U
959-98-8	Endosulfan I	1.5	U
60-57-1	Dieldrin	2.9	U
72-55-9	4,4'-DDE	2.9	U
72-20-8	Endrin	2.9	U
33213-65-9	Endosulfan II	2.9	U
72-54-8	4,4'-DDD	2.9	U
1031-07-8	Endosulfan sulfate	2.9	U
50-29-3	4,4'-DDT	2.9	U
72-43-5	Methoxychlor	15.	U
53494-70-5	Endrin ketone	2.9	U
7421-93-4	Endrin aldehyde	2.9	U
5103-71-9	alpha-Chlordane	1.5	U
5103-74-2	gamma-Chlordane	1.5	U
8001-35-2	Toxaphene	96.	U
12674-11-2	Aroclor-1016	38.	U
11104-28-2	Aroclor-1221	38.	U
11141-16-5	Aroclor-1232	38.	U
53469-21-9	Aroclor-1242	38.	U
12672-29-6	Aroclor-1248	38.	U
11097-69-1	Aroclor-1254	78.	U
11096-82-5	Aroclor-1260	78.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/01/96		11/01/96		11/01/96		11/01/96		11/01/96		11/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
108-95-2	Phenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-57-8	2-Chlorophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
541-73-1	1,3-Dichlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
106-46-7	1,4-Dichlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
100-51-6	Benzyl alcohol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-50-1	1,2-Dichlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
67-72-1	Hexachloroethane	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
98-95-3	Nitrobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
78-59-1	Isophorone	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
88-75-5	2-Nitrophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
105-67-9	2,4-Dimethylphenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
120-83-2	2,4-Dichlorophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
91-20-3	Naphthalene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
106-47-8	4-Chloroaniline	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
87-68-3	Hexachlorobutadiene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
91-57-6	2-Methylnaphthalene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
91-58-7	2-Chloronaphthalene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
88-74-4	2-Nitroaniline	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
131-11-3	Dimethyl phthalate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
208-96-8	Acenaphthylene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
606-20-2	2,6-Dinitrotoluene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
99-09-2	3-Nitroaniline	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
83-32-9	Acenaphthene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
51-28-5	2,4-Dinitrophenol	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
100-02-7	4-Nitrophenol	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/01/96		11/01/96		11/01/96		11/01/96		11/01/96		11/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
132-64-9	Dibenzofuran	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
121-14-2	2,4-Dinitrotoluene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
84-66-2	Diethylphthalate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
86-73-7	Fluorene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
100-01-6	4-Nitroaniline	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
86-30-6	N-Nitrosodiphenylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
101-55-3	4-Bromophenyl-phenylether	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
118-74-1	Hexachlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
87-86-5	Pentachlorophenol	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
85-01-8	Phenanthrene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
120-12-7	Anthracene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
86-74-8	Carbazole	370.	UR	380.	UR	370.	UR	370.	UR	390.	UR	360.	UR
84-74-2	Di-n-butylphthalate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
206-44-0	Fluoranthene	370.	U	380.	U	70.	J	370.	U	390.	U	360.	U
129-00-0	Pyrene	370.	U	380.	U	77.	J	370.	U	390.	U	360.	U
85-68-7	Butylbenzylphthalate	370.	U	380.	U	370.	U	370.	U	390.	U	45.	J
91-94-1	3,3'-Dichlorobenzidine	740.	U	770.	U	740.	U	730.	U	780.	U	720.	U
56-55-3	Benzo(a)anthracene	370.	U	380.	U	50.	J	370.	U	390.	U	360.	U
218-01-9	Chrysene	370.	U	380.	U	78.	J	370.	U	390.	U	360.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
117-84-0	Di-n-octyl phthalate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
205-99-2	Benzo(b)fluoranthene	370.	U	380.	U	77.	J	370.	U	390.	U	42.	J
207-08-9	Benzo(k)fluoranthene	370.	U	380.	U	85.	J	370.	U	390.	U	360.	U
50-32-8	Benzo(a)pyrene	370.	U	380.	U	100.	J	370.	U	390.	U	40.	J
193-39-5	Indeno(1,2,3-cd)pyrene	370.	U	380.	U	43.	J	370.	U	390.	U	360.	U
53-70-3	Dibenz(a,h)anthracene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
191-24-2	Benzo(g,h,i)perylene	370.	U	380.	U	54.	J	370.	U	390.	U	360.	U
110-86-1	Pyridine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
62-75-9	N-Nitrosodimethylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
66-27-3	Methyl methanesulfonate	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
62-53-3	Aniline	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
10595-95-6	N-Nitrosomethylethylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
55-18-5	N-Nitrosodiethylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
62-50-0	Ethyl methanesulfonate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/01/96		11/01/96		11/01/96		11/01/96		11/01/96		11/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
109-06-8	2-Picoline	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
98-86-2	Acetophenone	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
930-55-2	N-Nitrosopyrrolidine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
108-39-4	3-Methylphenol (m-Cresol)	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
59-89-2	N-Nitrosomorpholine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-53-4	o-Toluidine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
96-12-8	1,2-Dibromo-3-Chloropropane	370.	UR	380.	UR	370.	UR	370.	UR	390.	UR	360.	UR
100-75-4	N-Nitrosopiperidine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
126-68-1	O,O,O-Triethylphosphorothioate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
122-09-8	a,a-Dimethylphenethylamine	370.	UJ	380.	UJ	370.	UJ	370.	UJ	390.	UJ	360.	UJ
87-65-0	2,6-Dichlorophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
1888-71-7	Hexachloropropene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
106-50-3	p-Phenylenediamine	1800.	UJ	1900.	UJ	1800.	UJ	1800.	UJ	1900.	UJ	1700.	UJ
924-16-3	N-Nitroso-di-n-butylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
94-59-7	Safrole	370.	UJ	380.	UJ	370.	UJ	370.	UJ	390.	UJ	360.	UJ
120-58-1	Isosafrole	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
130-15-4	1,4-Naphthoquinone	370.	UR	380.	UR	370.	UR	370.	UR	390.	UR	360.	UR
99-65-0	1,3-Dinitrobenzene	370.	UR	380.	UR	370.	UR	370.	UR	390.	UR	360.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
608-93-5	Pentachlorobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
134-32-7	1-Naphthylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
56-57-5	4-Nitroquinoline 1-oxide	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
91-59-8	2-Naphthylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
297-97-2	Thionazin	740.	U	770.	U	740.	U	730.	U	780.	U	720.	U
99-55-8	5-Nitro-o-toluidine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
122-39-4	Diphenylamine	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
3689-24-5	Sulfotep	740.	UJ	770.	UJ	740.	UJ	730.	UJ	780.	UJ	720.	UJ
99-35-4	1,3,5-Trinitrobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
298-02-2	Phorate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
62-44-2	Phenacetin	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
2303-16-4	Diallate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
60-51-5	Dimethoate	370.	UJ	380.	UJ	370.	UJ	370.	UJ	390.	UJ	360.	UJ
92-67-1	4-Aminobiphenyl	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
23950-58-5	Pronamide	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
82-68-8	Pentachloronitrobenzene	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/01/96		11/01/96		11/01/96		11/01/96		11/01/96		11/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
298-04-4	Disulfoton	370.	UJ	380.	UJ	370.	UJ	370.	UJ	390.	UJ	360.	UJ
88-85-7	Dinoseb	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
298-00-0	Methyl parathion	740.	U	770.	U	740.	U	730.	U	780.	U	720.	U
56-38-2	Parathion	740.	U	770.	U	740.	U	730.	U	780.	U	720.	U
91-80-5	Methapyrilene	740.	UJ	770.	UJ	740.	UJ	730.	UJ	780.	UJ	720.	UJ
465-73-6	Isodrin	740.	U	770.	U	740.	U	730.	U	780.	U	720.	U
140-57-8	Aramite	1800.	U	1900.	U	1800.	U	1800.	U	1900.	U	1700.	U
60-11-7	p-(Dimethylamino)azobenzene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
510-15-6	Chlorobenzilate	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
119-93-7	3,3-Dimethylbenzidine	370.	UJ	380.	UJ	370.	UJ	370.	UJ	390.	UJ	360.	UJ
143-50-0	Kepone	1800.	UR	1900.	UR	1800.	UR	1800.	UR	1900.	UR	1700.	UR
52-85-7	Famphur	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
53-96-3	Acetamidofluorene	370.	U	380.	U	370.	U	370.	U	390.	U	360.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	UJ	1900.	UJ	1800.	UJ	1800.	UJ	1900.	UJ	1700.	UJ
70-30-4	Hexachlorophene	7400.	UR	7700.	UR	7400.	UR	7300.	UR	7800.	UR	7200.	UR
56-49-5	3-Methyl cholanthrene	370.	UR	380.	UR	370.	UR	370.	UR	390.	UR	360.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	11/01/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
108-95-2	Phenol	380.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U
95-57-8	2-Chlorophenol	380.	U
541-73-1	1,3-Dichlorobenzene	380.	U
106-46-7	1,4-Dichlorobenzene	380.	U
100-51-6	Benzyl alcohol	380.	U
95-50-1	1,2-Dichlorobenzene	380.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U
67-72-1	Hexachloroethane	380.	U
98-95-3	Nitrobenzene	380.	U
78-59-1	Isophorone	380.	U
88-75-5	2-Nitrophenol	380.	U
105-67-9	2,4-Dimethylphenol	380.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U
120-83-2	2,4-Dichlorophenol	380.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U
91-20-3	Naphthalene	380.	U
106-47-8	4-Chloroaniline	380.	U
87-68-3	Hexachlorobutadiene	380.	U
59-50-7	4-Chloro-3-methylphenol	380.	U
91-57-6	2-Methylnaphthalene	380.	U
77-47-4	Hexachlorocyclopentadiene	380.	U
88-06-2	2,4,6-Trichlorophenol	380.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U
91-58-7	2-Chloronaphthalene	380.	U
88-74-4	2-Nitroaniline	1900.	U
131-11-3	Dimethyl phthalate	380.	U
208-96-8	Acenaphthylene	380.	U
606-20-2	2,6-Dinitrotoluene	380.	U
99-09-2	3-Nitroaniline	1900.	U
83-32-9	Acenaphthene	380.	U
51-28-5	2,4-Dinitrophenol	1900.	U
100-02-7	4-Nitrophenol	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	11/01/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
132-64-9	Dibenzofuran	380.	U
121-14-2	2,4-Dinitrotoluene	380.	U
84-66-2	Diethylphthalate	380.	U
7005-72-3	4-Chlorophenylphenylether	380.	U
86-73-7	Fluorene	380.	U
100-01-6	4-Nitroaniline	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U
86-30-6	N-Nitrosodiphenylamine	380.	U
101-55-3	4-Bromophenyl-phenylether	380.	U
118-74-1	Hexachlorobenzene	380.	U
87-86-5	Pentachlorophenol	1900.	U
85-01-8	Phenanthrene	380.	U
120-12-7	Anthracene	380.	U
86-74-8	Carbazole	380.	UR
84-74-2	Di-n-butylphthalate	380.	U
206-44-0	Fluoranthene	380.	U
129-00-0	Pyrene	380.	U
85-68-7	Butylbenzylphthalate	380.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U
56-55-3	Benzo(a)anthracene	380.	U
218-01-9	Chrysene	380.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U
117-84-0	Di-n-octyl phthalate	380.	U
205-99-2	Benzo(b)fluoranthene	380.	U
207-08-9	Benzo(k)fluoranthene	380.	U
50-32-8	Benzo(a)pyrene	380.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U
53-70-3	Dibenz(a,h)anthracene	380.	U
191-24-2	Benzo(g,h,i)perylene	380.	U
110-86-1	Pyridine	380.	U
62-75-9	N-Nitrosodimethylamine	380.	U
66-27-3	Methyl methanesulfonate	1900.	U
62-53-3	Aniline	380.	U
10595-95-6	N-Nitrosomethylethylamine	380.	U
55-18-5	N-Nitrosodiethylamine	380.	U
62-50-0	Ethyl methanesulfonate	380.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	11/01/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
109-06-8	2-Picoline	380.	U
98-86-2	Acetophenone	380.	U
930-55-2	N-Nitrosopyrrolidine	380.	U
108-39-4	3-Methylphenol (m-Cresol)	380.	U
59-89-2	N-Nitrosomorpholine	380.	U
95-53-4	o-Toluidine	380.	U
96-12-8	1,2-Dibromo-3-Chloropropane	380.	UR
100-75-4	N-Nitrosopiperidine	380.	U
126-68-1	O,O,O-Triethylphosphorothioate	380.	U
122-09-8	a,a-Dimethylphenethylamine	380.	UJ
87-65-0	2,6-Dichlorophenol	380.	U
1888-71-7	Hexachloropropene	380.	U
106-50-3	p-Phenylenediamine	1900.	UJ
924-16-3	N-Nitroso-di-n-butylamine	380.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	380.	U
94-59-7	Safrole	380.	UJ
120-58-1	Isosafrole	380.	U
130-15-4	1,4-Naphthoquinone	380.	UR
99-65-0	1,3-Dinitrobenzene	380.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	380.	U
608-93-5	Pentachlorobenzene	380.	U
134-32-7	1-Naphthylamine	380.	U
56-57-5	4-Nitroquinoline 1-oxide	1900.	U
91-59-8	2-Naphthylamine	380.	U
297-97-2	Thionazin	770.	U
99-55-8	5-Nitro-o-toluidine	380.	U
122-39-4	Diphenylamine	380.	U
3689-24-5	Sulfotep	770.	UJ
99-35-4	1,3,5-Trinitrobenzene	380.	U
298-02-2	Phorate	380.	U
62-44-2	Phenacetin	380.	U
2303-16-4	Diallate	380.	U
60-51-5	Dimethoate	380.	UJ
92-67-1	4-Aminobiphenyl	380.	U
23950-58-5	Pronamide	380.	U
82-68-8	Pentachloronitrobenzene	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	11/01/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
298-04-4	Disulfoton	380.	UJ
88-85-7	Dinoseb	380.	U
298-00-0	Methyl parathion	770.	U
56-38-2	Parathion	770.	U
91-80-5	Methapyrilene	770.	UJ
465-73-6	Isodrin	770.	U
140-57-8	Aramite	1900.	U
60-11-7	p-(Dimethylamino)azobenzene	380.	U
510-15-6	Chlorobenzilate	380.	U
119-93-7	3,3-Dimethylbenzidine	380.	UJ
143-50-0	Kepone	1900.	UR
52-85-7	Famphur	380.	U
53-96-3	Acetamidofluorene	380.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	1900.	UJ
70-30-4	Hexachlorophene	7800.	UR
56-49-5	3-Methyl cholanthrene	380.	UR

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 VOA													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01 RE		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE ANALYZED --->	10/21/96		10/22/96		10/21/96		10/22/96		10/21/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
74-87-3	Chloromethane	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
74-83-9	Bromomethane	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
75-01-4	Vinyl chloride	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
75-00-3	Chloroethane	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
75-09-2	Methylene chloride	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
67-64-1	Acetone	15.	U	16.	U	11.	U	11.	U	26.	U	11.	U
75-15-0	Carbon disulfide	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
67-66-3	Chloroform	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	11.	U	6.	U	11.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
108-05-4	Vinyl acetate	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
75-27-4	Bromodichloromethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
79-01-6	Trichloroethene	6.	U	6.	U	1.	J	2.	J	6.	U	5.	U
124-48-1	Dibromochloromethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
71-43-2	Benzene	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
75-25-2	Bromoform	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	U	11.	UJ	11.	UJ	12.	U	11.	U
591-78-6	2-Hexanone	11.	U	12.	U	11.	UJ	11.	U	12.	U	11.	U
127-18-4	Tetrachloroethene	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
108-88-3	Toluene	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
108-90-7	Chlorobenzene	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
100-41-4	Ethylbenzene	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
100-42-5	Styrene	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
1330-20-7	Xylene (Total)	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	12.	UR	11.	UR	11.	UR	12.	UR	11.	UR
107-02-8	Acrolein	56.	UR	58.	UR	56.	UR	56.	UR	59.	UR	54.	UR
74-88-4	Methyl iodide	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 VOA													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01 RE		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE ANALYZED --->	10/21/96		10/22/96		10/21/96		10/22/96		10/21/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
107-05-1	3-Chloropropene	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
126-99-8	Chloroprene	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
76-01-7	Pentachloroethane	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
75-05-8	Acetonitrile	220.	UR	230.	UR	220.	UR	220.	UR	240.	UR	220.	UR
107-13-1	Acrylonitrile	56.	U	58.	U	56.	U	56.	U	59.	U	54.	U
107-12-0	Propionitrile	110.	UR	120.	UR	110.	UR	110.	UR	120.	UR	110.	UR
126-98-7	Methacrylonitrile	110.	U	120.	U	110.	U	110.	U	120.	U	110.	U
78-83-1	Isobutyl alcohol	220.	UR	230.	UR	220.	UR	220.	UR	240.	UR	220.	UR
123-91-1	1,4-Dioxane	560.	UR	580.	UR	560.	UR	560.	UR	590.	UR	540.	UR
80-62-6	Methyl methacrylate	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
97-63-2	Ethyl methacrylate	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
106-93-4	1, 2-Dibromoethane	6.	U	6.	U	6.	UJ	6.	U	6.	U	5.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
96-18-4	1,2,3-Trichloropropane	6.	U	6.	U	6.	UJ	6.	UJ	6.	U	5.	U
75-71-8	Dichlorodifluoromethane	6.	U	6.	U	6.	U	6.	U	6.	U	5.	U
75-69-4	Trichlorofluoromethane	6.	UJ	6.	U	6.	UJ	6.	U	6.	UJ	5.	UJ
74-95-3	Methylene bromide	11.	U	12.	U	11.	U	11.	U	12.	U	11.	U
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U	12.	U	11.	UJ	11.	UJ	12.	U	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	12.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	12.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UR
107-02-8	Acrolein	58.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27280	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	230.	UR
107-13-1	Acrylonitrile	58.	U
107-12-0	Propionitrile	120.	UR
126-98-7	Methacrylonitrile	120.	U
78-83-1	Isobutyl alcohol	230.	UR
123-91-1	1,4-Dioxane	580.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	UJ
74-95-3	Methylene bromide	12.	U
96-12-8	1,2-Dibromo-3-Chloropropane	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/17/96		10/17/96		10/17/96		10/17/96		10/17/96		10/17/96	
	DATE ANALYZED --->	10/19/96		10/19/96		10/19/96		10/19/96		10/19/96		10/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
57-12-5	Cyanide (CN)	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U	0.11	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

CYANIDE

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/17/96
DATE ANALYZED --->	10/19/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27280	VAL
57-12-5	Cyanide (CN)	0.12	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

HEXACHROME													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/21/96		10/21/96		10/21/96		10/21/96		10/21/96		10/21/96	
	DATE ANALYZED --->	10/21/96		10/21/96		10/21/96		10/21/96		10/21/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
18540-29-9	Chromium (Hexavalent)	0.281	UJ	0.289	UJ	0.28	UJ	0.278	UJ	0.294	UJ	0.272	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/21/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27280	VAL
18540-29-9	Chromium (Hexavalent)	0.292	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-DIOX													
	SAMPLE ID ------->	646-C-B001-01		646-C-B001-02		646-C-B002-01		646-C-B003-01		646-C-B003-02		646-C-B004-01	
	ORIGINAL ID ----->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	LAB SAMPLE ID --->	27322.03		27322.04		27322.05		27322.06		27322.07		27322.01	
	ID FROM REPORT -->	646CB00101		646CB00102		646CB00201		646CB00301		646CB00302		646CB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	10/25/96		10/25/96		10/25/96		10/25/96		10/25/96		10/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	NG/KG		NG/KG		NG/KG		NG/KG		NG/KG		NG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
1746-01-6	2378-TCDD	0.247	U	0.35	U	0.228	U	0.166	U	0.395	U	0.18	U
40321-76-4	12378-PeCDD	0.236	U	0.368	U	0.208	U	0.131	U	0.229	U	0.183	U
39227-28-6	123478-HxCDD	0.301	U	0.478	U	0.32	U	0.17	U	0.33	U	0.261	U
57653-85-7	123678-HxCDD	0.218	U	0.347	U	0.232	U	0.123	U	0.24	U	0.189	U
19408-74-3	123789-HxCDD	0.227	U	0.362	U	0.241	U	0.128	U	0.249	U	0.197	U
35822-46-9	1234678-HpCDD	5.98		0.906		5.22		5.66		0.245	U	1.83	
3268-87-9	OCDD	68.7		51.2		56.2		55.4		6.62	U	17.5	
51207-31-9	2378-TCDF	0.242	U	0.36	U	0.172	U	0.214	U	0.352	U	0.168	U
57117-41-6	12378-PeCDF	0.149	U	0.199	U	0.144	U	0.137	U	0.198	U	0.11	U
57117-31-4	23478-PeCDF	0.144	U	0.192	U	0.139	U	0.132	U	0.191	U	0.106	U
70648-26-9	123478-HxCDF	0.807		0.292	U	0.218	U	0.579	J	0.162	U	0.153	U
57117-44-9	123678-HxCDF	0.185	U	0.212	U	0.159	U	0.149	U	0.118	U	0.111	U
72918-21-9	123789-HxCDF	0.251	U	0.288	U	0.215	U	0.202	U	0.16	U	0.151	U
60851-34-5	234678-HxCDF	0.726		0.272	U	0.203	U	0.622		0.151	U	0.238	J
67562-39-4	1234678-HpCDF	3.15	J	0.256	U	2.08		3.92		0.275	U	0.786	
55673-89-7	1234789-HpCDF	0.146	U	0.295	U	0.213	U	0.428	U	0.317	U	0.2	U
39001-02-0	OCDF	3.35		0.465	U	2.93		7.5		0.263	U	0.734	
41903-57-5	Total Tetra-Dioxins	0.247	U	0.35	U	0.228	U	0.166	U	0.395	U	0.18	U
36088-22-9	Total Penta-Dioxins	0.236	U	0.368	U	0.208	U	0.131	U	0.229	U	0.183	U
34465-46-8	Total Hexa-Dioxins	1.17		0.347	U	1.99		3.64		0.24	U	0.189	U
37871-00-4	Total Hepta-Dioxins	12.6		2.36		10.2		13.7		0.245	U	3.56	
55722-27-5	Total Tetra-Furans	0.242	U	0.36	U	0.172	U	0.214	U	0.352	U	0.168	U
30602-15-4	Total Penta-Furans	1.9		0.192	U	1.29		4.8		0.191	U	0.106	U
55684-94-1	Total Hexa-Furans	3.31		0.212	U	2.24		4.22		0.118	U	0.111	U
38998-75-3	Total Hepta-Furans	4.38		0.256	U	6.09		15.4		0.275	U	0.786	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	10/25/96
MATRIX ---------->	Soil
UNITS ----------->	NG/KG

CAS #	Parameter	27280	VAL
1746-01-6	2378-TCDD	0.315	U
40321-76-4	12378-PeCDD	0.24	U
39227-28-6	123478-HxCDD	0.271	U
57653-85-7	123678-HxCDD	0.196	U
19408-74-3	123789-HxCDD	0.204	U
35822-46-9	1234678-HpCDD	0.772	
3268-87-9	OCDD	34.8	
51207-31-9	2378-TCDF	0.368	U
57117-41-6	12378-PeCDF	0.205	U
57117-31-4	23478-PeCDF	0.197	U
70648-26-9	123478-HxCDF	0.168	U
57117-44-9	123678-HxCDF	0.122	U
72918-21-9	123789-HxCDF	0.166	U
60851-34-5	234678-HxCDF	0.27	
67562-39-4	1234678-HpCDF	0.226	U
55673-89-7	1234789-HpCDF	0.261	U
39001-02-0	OCDF	0.22	U
41903-57-5	Total Tetra-Dioxins	0.315	U
36088-22-9	Total Penta-Dioxins	0.24	U
34465-46-8	Total Hexa-Dioxins	0.196	U
37871-00-4	Total Hepta-Dioxins	2.46	
55722-27-5	Total Tetra-Furans	0.368	U
30602-15-4	Total Penta-Furans	0.197	U
55684-94-1	Total Hexa-Furans	0.27	
38998-75-3	Total Hepta-Furans	0.226	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	646-S-B001-01		646-C-B001-01		646-S-B001-02		646-C-B001-02		646-C-B002-01		646-S-B002-01	
	ORIGINAL ID ----->	646SB00101		646CB00101		646SB00102		646CB00102		646CB00201		646SB00201	
	LAB SAMPLE ID --->	27321.03		27322.03		27321.04		27322.04		27322.05		27321.05	
	ID FROM REPORT -->	646SB00101		646CB00101		646SB00102		646CB00102		646CB00201		646SB00201	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/22/96		10/22/96		10/22/96		10/22/96		10/22/96		10/22/96	
	DATE ANALYZED --->	10/24/96		10/24/96		10/24/96		10/24/96		10/24/96		10/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
7429-90-5	Aluminum (Al)	7370.		6350.		7900.		6790.		6050.		6920.	
7440-36-0	Antimony (Sb)	0.34	UJ	0.34	U	0.35	UJ	0.35	U	0.34	U	0.34	UJ
7440-38-2	Arsenic (As)	3.1	J	3.1		1.9	J	1.5		4.1		3.4	J
7440-39-3	Barium (Ba)	23.9		21.5		14.3		13.1		28.		27.5	
7440-41-7	Beryllium (Be)	0.22	J	0.2	J	0.18	U	0.15	U	0.22		0.24	
7440-43-9	Cadmium (Cd)	0.05	U	0.04	U	0.05	U	0.05	U	0.04	U	0.04	U
7440-70-2	Calcium (Ca)	2400.	J	1870.		244.	J	306.		1860.		1580.	J
7440-47-3	Chromium (Cr)	10.4		7.7		9.8		8.1		6.3		7.5	
7440-48-4	Cobalt (Co)	0.63	J	0.57	J	0.53	J	0.37	J	0.55	J	0.44	J
7440-50-8	Copper (Cu)	4.6		2.6		0.91	J	0.59	J	6.		4.6	
7439-89-6	Iron (Fe)	5480.	J	4760.		3800.	J	2970.		3690.		3970.	J
7439-92-1	Lead (Pb)	21.2	J	14.4		5.3	J	4.2		32.		28.1	J
7439-95-4	Magnesium (Mg)	329.		285.		300.		210.		233.		493.	
7439-96-5	Manganese (Mn)	22.9		22.1		6.4		4.4		38.8		37.2	
7439-97-6	Mercury (Hg)	0.11	J	0.08		0.06	J	0.04	U	0.18		0.28	J
7440-02-0	Nickel (Ni)	3.3	J	2.	J	2.9	J	1.6	J	2.	J	4.	J
7440-09-7	Potassium (K)	226.	U	224.	U	230.	U	231.	U	224.	U	224.	U
7782-49-2	Selenium (Se)	0.4	J	0.34	U	0.35	U	0.35	U	0.34	U	0.45	J
7440-22-4	Silver (Ag)	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.21	U
7440-23-5	Sodium (Na)	193.	J	161.	J	139.	J	155.	J	164.	J	163.	J
7440-28-0	Thallium (Tl)	0.38	U	0.44	J	0.39	U	0.49	J	0.52	J	0.38	U
7440-31-5	Tin (Sn)	1.9	U	1.9	U	1.6	U	1.2	U	2.4	U	2.6	U
7440-62-2	Vanadium (V)	13.1		10.7		8.6		6.4		8.1		8.4	
7440-66-6	Zinc (Zn)	24.1		10.4		4.2		4.2		19.9		14.5	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	646-S-B002-02		646-S-B003-01		646-C-B003-01		646-S-B003-02		646-C-B003-02		646-S-B004-01	
	ORIGINAL ID ----->	646SB00202		646SB00301		646CB00301		646SB00302		646CB00302		646SB00401	
	LAB SAMPLE ID --->	27321.06		27321.09		27322.06		27321.10		27322.07		27321.01	
	ID FROM REPORT -->	646SB00202		646SB00301		646CB00301		646SB00302		646CB00302		646SB00401	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/22/96		10/22/96		10/22/96		10/22/96		10/22/96		10/22/96	
	DATE ANALYZED --->	10/24/96		10/24/96		10/24/96		10/24/96		10/24/96		10/24/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	LIMITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
7429-90-5	Aluminum (Al)	12200.		5340.		5290.		10600.		12600.		9180.	J
7440-36-0	Antimony (Sb)	0.35	UJ	0.33	UJ	0.33	U	0.35	UJ	0.35	U	0.34	UJ
7440-38-2	Arsenic (As)	4.4	J	5.1	J	4.7		2.4	J	3.1		4.3	J
7440-39-3	Barium (Ba)	26.2		24.9		22.1		22.9		27.7		31.6	
7440-41-7	Beryllium (Be)	0.17	U	0.44		0.37		0.18	U	0.2	U	0.15	U
7440-43-9	Cadmium (Cd)	0.05	U	0.04	U	0.04	U	0.05	U	0.05	U	0.05	U
7440-70-2	Calcium (Ca)	1110.	J	6600.	J	12700.	J	1140.	J	1430.		1200.	J
7440-47-3	Chromium (Cr)	16.4		9.6		8.9		13.7		16.2		13.6	J
7440-48-4	Cobalt (Co)	0.62	J	2.3		1.7	J	0.52	J	0.68	J	0.4	J
7440-50-8	Copper (Cu)	0.81	J	3.6		3.5		1.1	J	1.1	J	0.88	J
7439-89-6	Iron (Fe)	12400.	J	5540.	J	4830.		6630.	J	9070.		10500.	J
7439-92-1	Lead (Pb)	9.9	J	13.5	J	12.4		7.6	J	9.3		10.5	J
7439-95-4	Magnesium (Mg)	576.		368.		347.		465.		546.		360.	J
7439-96-5	Manganese (Mn)	9.1		38.4		32.3		7.7		9.2		15.6	J
7439-97-6	Mercury (Hg)	0.07	J	0.07	J	0.13		0.04	UJ	0.04	U	0.11	J
7440-02-0	Nickel (Ni)	5.3		4.5		3.	J	2.7	J	2.2	J	2.2	J
7440-09-7	Potassium (K)	377.	J	225.	J	222.	U	260.	J	332.	J	229.	U
7782-49-2	Selenium (Se)	0.56	J	0.33	U	0.33	U	0.47	J	0.37	J	0.41	J
7440-22-4	Silver (Ag)	0.22	U	0.21	U	0.21	U	0.22	U	0.22	U	0.22	U
7440-23-5	Sodium (Na)	159.	J	236.	J	288.		160.	J	182.	J	170.	J
7440-28-0	Thallium (Tl)	0.64	J	0.38	U	0.38	U	0.4	U	0.63	J	0.76	J
7440-31-5	Tin (Sn)	2.1	U	1.8	U	1.9	U	1.5	U	1.6	U	1.8	U
7440-62-2	Vanadium (V)	27.1		12.7		11.9		14.1		19.1		22.8	J
7440-66-6	Zinc (Zn)	6.7		21.2		21.2		6.7		7.4		6.4	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-META										
	SAMPLE ID ------->	646-C-B004-01		646-S-B004-02		646-C-B004-02				
	ORIGINAL ID ----->	646CB00401		646SB00402		646CB00402				
	LAB SAMPLE ID --->	27322.01		27321.02		27322.02				
	ID FROM REPORT -->	646CB00401		646SB00402		646CB00402				
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96				
	DATE EXTRACTED -->	10/22/96		10/22/96		10/22/96				
	DATE ANALYZED --->	10/24/96		10/24/96		10/24/96				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL			
7429-90-5	Aluminum (Al)	4260.	J	8620.		8450.				
7440-36-0	Antimony (Sb)	0.33	U	0.34	UJ	0.35	U			
7440-38-2	Arsenic (As)	1.6		2.1	J	2.2				
7440-39-3	Barium (Ba)	20.4		18.4		17.9				
7440-41-7	Beryllium (Be)	0.12	U	0.18	U	0.17	U			
7440-43-9	Cadmium (Cd)	0.04	U	0.04	U	0.05	U			
7440-70-2	Calcium (Ca)	618.	J	578.	J	660.				
7440-47-3	Chromium (Cr)	5.9	J	9.7		8.9				
7440-48-4	Cobalt (Co)	0.26	U	0.64	J	0.54	J			
7440-50-8	Copper (Cu)	0.41	U	0.73	J	0.6	J			
7439-89-6	Iron (Fe)	4200.	J	4260.	J	4150.				
7439-92-1	Lead (Pb)	3.6	J	5.8	J	5.				
7439-95-4	Magnesium (Mg)	156.		337.		308.				
7439-96-5	Manganese (Mn)	6.1	J	5.1		4.7				
7439-97-6	Mercury (Hg)	0.06		0.08	J	0.04	U			
7440-02-0	Nickel (Ni)	1.1	J	2.9	J	2.	J			
7440-09-7	Potassium (K)	218.	U	225.	U	233.	U			
7782-49-2	Selenium (Se)	0.33	U	0.34	U	0.35	U			
7440-22-4	Silver (Ag)	0.21	U	0.21	U	0.22	U			
7440-23-5	Sodium (Na)	129.	J	153.	J	163.	J			
7440-28-0	Thallium (Tl)	0.37	U	0.38	U	0.4	U			
7440-31-5	Tin (Sn)	1.3	U	1.5	U	1.2	U			
7440-62-2	Vanadium (V)	8.9	J	9.2		8.6				
7440-66-6	Zinc (Zn)	3.4	J	4.5		4.5				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-OP P						
SAMPLE ID ------->	646-C-B001-01	646-C-B001-02	646-C-B002-01	646-C-B003-01	646-C-B003-02	646-C-B004-01
ORIGINAL ID ----->	646CB00101	646CB00102	646CB00201	646CB00301	646CB00302	646CB00401
LAB SAMPLE ID --->	27322.03	27322.04	27322.05	27322.06	27322.07	27322.01
ID FROM REPORT -->	646CB00101	646CB00102	646CB00201	646CB00301	646CB00302	646CB00401
SAMPLE DATE ----->	10/15/96	10/15/96	10/15/96	10/15/96	10/15/96	10/15/96
DATE EXTRACTED -->	10/18/96	10/18/96	10/18/96	10/18/96	10/18/96	10/18/96
DATE ANALYZED --->	11/07/96	11/07/96	11/07/96	11/07/96	11/07/96	11/07/96
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
298-02-2	Phorate	75.	U	78.	U	75.	U	74.	U	79.	U	73.	U
298-04-4	Disulfoton	135.	U	139.	U	134.	U	133.	U	141.	U	131.	U
298-00-0	Methyl parathion	19.	U	20.	U	19.	U	19.	U	20.	U	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	646-C-B004-02
ORIGINAL ID ----->	646CB00402
LAB SAMPLE ID --->	27322.02
ID FROM REPORT -->	646CB00402
SAMPLE DATE ----->	10/15/96
DATE EXTRACTED -->	10/18/96
DATE ANALYZED --->	11/07/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	27280	VAL
298-02-2	Phorate	78.	U
298-04-4	Disulfoton	140.	U
298-00-0	Methyl parathion	20.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	646-S-B001-01		646-S-B001-02		646-S-B002-01		646-S-B002-02		646-S-B003-01		646-S-B003-02	
	ORIGINAL ID ----->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	LAB SAMPLE ID --->	27321.03		27321.04		27321.05		27321.06		27321.09		27321.10	
	ID FROM REPORT -->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	10/27/96		10/27/96		10/27/96		10/27/96		10/27/96		10/27/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
319-84-6	alpha-BHC	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
319-85-7	beta-BHC	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
319-86-8	delta-BHC	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
76-44-8	Heptachlor	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
309-00-2	Aldrin	1.5	U	1.5	U	1.5	U	1.5	U	1.4	UJ	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
959-98-8	Endosulfan I	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
60-57-1	Dieldrin	2.8	U	2.9	U	2.8	U	2.9	U	2.8	UJ	2.9	U
72-55-9	4,4'-DDE	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
72-20-8	Endrin	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
33213-65-9	Endosulfan II	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
72-54-8	4,4'-DDD	2.8	U	2.9	U	2.8	U	2.9	U	10.	U	2.9	U
1031-07-8	Endosulfan sulfate	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
50-29-3	4,4'-DDT	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
72-43-5	Methoxychlor	15.	U	15.	U	15.	U	15.	U	14.	U	15.	U
53494-70-5	Endrin ketone	2.8	U	2.9	U	2.8	U	2.9	U	2.8	U	2.9	U
7421-93-4	Endrin aldehyde	2.8	U	2.9	U	3.6	J	2.9	U	4.5	U	2.9	U
5103-71-9	alpha-Chlordane	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
5103-74-2	gamma-Chlordane	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U
8001-35-2	Toxaphene	94.	U	95.	U	93.	U	98.	U	92.	U	96.	U
12674-11-2	Aroclor-1016	38.	U	38.	U	37.	U	39.	U	37.	U	38.	U
11104-28-2	Aroclor-1221	38.	U	38.	U	37.	U	39.	U	37.	U	38.	U
11141-16-5	Aroclor-1232	38.	U	38.	U	37.	U	39.	U	37.	U	38.	U
53469-21-9	Aroclor-1242	38.	U	38.	U	37.	U	39.	U	37.	U	38.	U
12672-29-6	Aroclor-1248	38.	U	38.	U	37.	U	39.	U	37.	U	38.	U
11097-69-1	Aroclor-1254	76.	U	77.	U	75.	U	79.	U	74.	U	78.	U
11096-82-5	Aroclor-1260	76.	U	77.	U	75.	U	79.	U	74.	U	78.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-PEST									
	SAMPLE ID ------->	646-S-B004-01		646-S-B004-02					
	ORIGINAL ID ----->	646SB00401		646SB00402					
	LAB SAMPLE ID --->	27321.01		27321.02					
	ID FROM REPORT -->	646SB00401		646SB00402					
	SAMPLE DATE ----->	10/15/96		10/15/96					
	DATE EXTRACTED -->	10/18/96		10/18/96					
	DATE ANALYZED --->	10/26/96		10/27/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	27280	VAL	27280	VAL				
319-84-6	alpha-BHC	1.5	U	1.5	U				
319-85-7	beta-BHC	2.	J	1.5	U				
319-86-8	delta-BHC	1.5	U	1.5	U				
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U				
76-44-8	Heptachlor	1.5	U	1.5	U				
309-00-2	Aldrin	1.5	U	1.5	U				
1024-57-3	Heptachlor epoxide	1.5	U	1.5	U				
959-98-8	Endosulfan I	1.5	U	1.5	U				
60-57-1	Dieldrin	2.9	U	2.8	U				
72-55-9	4,4'-DDE	2.9	U	2.8	U				
72-20-8	Endrin	2.9	U	2.8	U				
33213-65-9	Endosulfan II	2.9	U	2.8	U				
72-54-8	4,4'-DDD	2.9	U	2.8	U				
1031-07-8	Endosulfan sulfate	2.9	U	2.8	U				
50-29-3	4,4'-DDT	2.9	U	2.8	U				
72-43-5	Methoxychlor	15.	U	15.	U				
53494-70-5	Endrin ketone	2.9	U	2.8	U				
7421-93-4	Endrin aldehyde	2.9	U	2.8	U				
5103-71-9	alpha-Chlordane	1.5	U	1.5	U				
5103-74-2	gamma-Chlordane	1.5	U	1.5	U				
8001-35-2	Toxaphene	95.	U	93.	U				
12674-11-2	Aroclor-1016	38.	U	37.	U				
11104-28-2	Aroclor-1221	38.	U	37.	U				
11141-16-5	Aroclor-1232	38.	U	37.	U				
53469-21-9	Aroclor-1242	38.	U	37.	U				
12672-29-6	Aroclor-1248	38.	U	37.	U				
11097-69-1	Aroclor-1254	77.	U	75.	U				
11096-82-5	Aroclor-1260	77.	U	75.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	646-S-B001-01		646-S-B001-02		646-S-B002-01		646-S-B002-02		646-S-B003-01		646-S-B003-02	
	ORIGINAL ID ----->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	LAB SAMPLE ID --->	27321.03		27321.04		27321.05		27321.06		27321.09		27321.10	
	ID FROM REPORT -->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/04/96		11/04/96		11/04/96		11/05/96		11/05/96		11/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
108-95-2	Phenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
95-57-8	2-Chlorophenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
541-73-1	1,3-Dichlorobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
106-46-7	1,4-Dichlorobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
100-51-6	Benzyl alcohol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
95-50-1	1,2-Dichlorobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
67-72-1	Hexachloroethane	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
98-95-3	Nitrobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
78-59-1	Isophorone	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
88-75-5	2-Nitrophenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
105-67-9	2,4-Dimethylphenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
65-85-0	Benzoic acid	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
120-83-2	2,4-Dichlorophenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
91-20-3	Naphthalene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
106-47-8	4-Chloroaniline	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
87-68-3	Hexachlorobutadiene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
91-57-6	2-Methylnaphthalene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
91-58-7	2-Chloronaphthalene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
88-74-4	2-Nitroaniline	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
131-11-3	Dimethyl phthalate	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
208-96-8	Acenaphthylene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
99-09-2	3-Nitroaniline	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
83-32-9	Acenaphthene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
100-02-7	4-Nitrophenol	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	646-S-B001-01		646-S-B001-02		646-S-B002-01		646-S-B002-02		646-S-B003-01		646-S-B003-02	
	ORIGINAL ID ----->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	LAB SAMPLE ID --->	27321.03		27321.04		27321.05		27321.06		27321.09		27321.10	
	ID FROM REPORT -->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	11/04/96		11/04/96		11/04/96		11/05/96		11/05/96		11/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
132-64-9	Dibenzofuran	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
121-14-2	2,4-Dinitrotoluene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
606-20-2	2,6-Dinitrotoluene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
84-66-2	Diethylphthalate	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
86-73-7	Fluorene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
100-01-6	4-Nitroaniline	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
118-74-1	Hexachlorobenzene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
87-86-5	Pentachlorophenol	1800.	U	1800.	U	1800.	U	1900.	U	1800.	U	1900.	U
85-01-8	Phenanthrene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
120-12-7	Anthracene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
84-74-2	Di-n-butylphthalate	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
206-44-0	Fluoranthene	380.	U	380.	U	79.	J	390.	U	50.	J	380.	U
129-00-0	Pyrene	380.	U	380.	U	76.	J	390.	U	39.	J	380.	U
85-68-7	Butylbenzylphthalate	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	750.	U	760.	U	740.	U	780.	U	730.	U	770.	U
56-55-3	Benzo(a)anthracene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
218-01-9	Chrysene	380.	U	380.	U	57.	J	390.	U	370.	U	380.	U
117-84-0	Di-n-octyl phthalate	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
205-99-2	Benzo(b)fluoranthene	380.	U	380.	U	65.	J	390.	U	370.	U	380.	U
207-08-9	Benzo(k)fluoranthene	380.	U	380.	U	54.	J	390.	U	370.	U	380.	U
50-32-8	Benzo(a)pyrene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
53-70-3	Dibenz(a,h)anthracene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U
191-24-2	Benzo(g,h,i)perylene	380.	U	380.	U	370.	U	390.	U	370.	U	380.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-SVOA									
	SAMPLE ID ------->	646-S-B004-01		646-S-B004-02					
	ORIGINAL ID ----->	646SB00401		646SB00402					
	LAB SAMPLE ID --->	27321.01		27321.02					
	ID FROM REPORT -->	646SB00401		646SB00402					
	SAMPLE DATE ----->	10/15/96		10/15/96					
	DATE EXTRACTED -->	10/18/96		10/18/96					
	DATE ANALYZED --->	11/05/96		11/04/96					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	27280	VAL	27280	VAL				
108-95-2	Phenol	380.	U	370.	U				
111-44-4	bis(2-Chloroethyl)ether	380.	U	370.	U				
95-57-8	2-Chlorophenol	380.	U	370.	U				
541-73-1	1,3-Dichlorobenzene	380.	U	370.	U				
106-46-7	1,4-Dichlorobenzene	380.	U	370.	U				
100-51-6	Benzyl alcohol	380.	U	370.	U				
95-50-1	1,2-Dichlorobenzene	380.	U	370.	U				
95-48-7	2-Methylphenol (o-Cresol)	380.	U	370.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	380.	U	370.	U				
106-44-5	4-Methylphenol (p-Cresol)	380.	U	370.	U				
621-64-7	N-Nitroso-di-n-propylamine	380.	U	370.	U				
67-72-1	Hexachloroethane	380.	U	370.	U				
98-95-3	Nitrobenzene	380.	U	370.	U				
78-59-1	Isophorone	380.	U	370.	U				
88-75-5	2-Nitrophenol	380.	U	370.	U				
105-67-9	2,4-Dimethylphenol	380.	U	370.	U				
65-85-0	Benzoic acid	1800.	U	1800.	U				
111-91-1	bis(2-Chloroethoxy)methane	380.	U	370.	U				
120-83-2	2,4-Dichlorophenol	380.	U	370.	U				
120-82-1	1,2,4-Trichlorobenzene	380.	U	370.	U				
91-20-3	Naphthalene	380.	U	370.	U				
106-47-8	4-Chloroaniline	380.	U	370.	U				
87-68-3	Hexachlorobutadiene	380.	U	370.	U				
59-50-7	4-Chloro-3-methylphenol	380.	U	370.	U				
91-57-6	2-Methylnaphthalene	380.	U	370.	U				
77-47-4	Hexachlorocyclopentadiene	380.	U	370.	U				
88-06-2	2,4,6-Trichlorophenol	380.	U	370.	U				
95-95-4	2,4,5-Trichlorophenol	1800.	U	1800.	U				
91-58-7	2-Chloronaphthalene	380.	U	370.	U				
88-74-4	2-Nitroaniline	1800.	U	1800.	U				
131-11-3	Dimethyl phthalate	380.	U	370.	U				
208-96-8	Acenaphthylene	380.	U	370.	U				
99-09-2	3-Nitroaniline	1800.	U	1800.	U				
83-32-9	Acenaphthene	380.	U	370.	U				
51-28-5	2,4-Dinitrophenol	1800.	U	1800.	U				
100-02-7	4-Nitrophenol	1800.	U	1800.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-SVOA								
	SAMPLE ID ------->	646-S-B004-01		646-S-B004-02				
	ORIGINAL ID ----->	646SB00401		646SB00402				
	LAB SAMPLE ID --->	27321.01		27321.02				
	ID FROM REPORT -->	646SB00401		646SB00402				
	SAMPLE DATE ----->	10/15/96		10/15/96				
	DATE EXTRACTED -->	10/18/96		10/18/96				
	DATE ANALYZED --->	11/05/96		11/04/96				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	27280	VAL	27280	VAL			
132-64-9	Dibenzofuran	380.	U	370.	U			
121-14-2	2,4-Dinitrotoluene	380.	U	370.	U			
606-20-2	2,6-Dinitrotoluene	380.	U	370.	U			
84-66-2	Diethylphthalate	380.	U	370.	U			
7005-72-3	4-Chlorophenylphenylether	380.	U	370.	U			
86-73-7	Fluorene	380.	U	370.	U			
100-01-6	4-Nitroaniline	1800.	U	1800.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	1800.	U			
86-30-6	N-Nitrosodiphenylamine	380.	U	370.	U			
101-55-3	4-Bromophenyl-phenylether	380.	U	370.	U			
118-74-1	Hexachlorobenzene	380.	U	370.	U			
87-86-5	Pentachlorophenol	1800.	U	1800.	U			
85-01-8	Phenanthrene	40.	J	370.	U			
120-12-7	Anthracene	380.	U	370.	U			
84-74-2	Di-n-butylphthalate	380.	U	370.	U			
206-44-0	Fluoranthene	71.	J	370.	U			
129-00-0	Pyrene	62.	J	370.	U			
85-68-7	Butylbenzylphthalate	380.	U	370.	U			
91-94-1	3,3'-Dichlorobenzidine	760.	U	740.	U			
56-55-3	Benzo(a)anthracene	380.	U	370.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	370.	U			
218-01-9	Chrysene	39.	J	370.	U			
117-84-0	Di-n-octyl phthalate	380.	U	370.	U			
205-99-2	Benzo(b)fluoranthene	380.	U	370.	U			
207-08-9	Benzo(k)fluoranthene	380.	U	370.	U			
50-32-8	Benzo(a)pyrene	380.	U	370.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	380.	U	370.	U			
53-70-3	Dibenz(a,h)anthracene	380.	U	370.	U			
191-24-2	Benzo(g,h,i)perylene	380.	U	370.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-VOA	SAMPLE ID ------->	646-S-B001-01		646-S-B001-02		646-S-B002-01		646-S-B002-02		646-S-B003-01		646-S-B003-02	
	ORIGINAL ID ----->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	LAB SAMPLE ID --->	27321.03		27321.04		27321.05		27321.06		27321.09		27321.10	
	ID FROM REPORT -->	646SB00101		646SB00102		646SB00201		646SB00202		646SB00301		646SB00302	
	SAMPLE DATE ----->	10/15/96		10/15/96		10/15/96		10/15/96		10/15/96		10/15/96	
	DATE ANALYZED --->	10/21/96		10/21/96		10/22/96		10/21/96		10/22/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL	27280	VAL
74-87-3	Chloromethane	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
74-83-9	Bromomethane	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
75-00-3	Chloroethane	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
75-09-2	Methylene chloride	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
67-64-1	Acetone	14.	U	26.	U	11.	U	33.	U	11.	U	12.	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
540-59-0	1,2-Dichloroethene (total)	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.	U	11.	U	11.	U	12.	U	11.	U	12.	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
108-05-4	Vinyl acetate	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
75-27-4	Bromodichloromethane	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
78-87-5	1,2-Dichloropropane	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
79-01-6	Trichloroethene	1.	J	6.	U	6.	U	6.	U	6.	U	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
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	11.	UR	11.	UR	12.	UR	11.	UR	12.	UR
75-25-2	Bromoform	6.	U	6.	U	6.	U	6.	U	6.	U	6.	U
591-78-6	2-Hexanone	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U	11.	U	12.	U	11.	U	12.	U
127-18-4	Tetrachloroethene	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 646 SOIL SAMPLES

SW846-VOA

SAMPLE ID ------->	646-S-B004-01		646-S-B004-02				
ORIGINAL ID ----->	646SB00401		646SB00402				
LAB SAMPLE ID --->	27321.01		27321.02				
ID FROM REPORT -->	646SB00401		646SB00402				
SAMPLE DATE ----->	10/15/96		10/15/96				
DATE ANALYZED --->	10/21/96		10/21/96				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	27280	VAL	27280	VAL			
74-87-3 Chloromethane	11.	U	11.	U			
74-83-9 Bromomethane	11.	U	11.	U			
75-01-4 Vinyl chloride	11.	U	11.	U			
75-00-3 Chloroethane	11.	U	11.	U			
75-09-2 Methylene chloride	6.	U	6.	U			
67-64-1 Acetone	11.	U	11.	U			
75-15-0 Carbon disulfide	6.	U	6.	U			
75-35-4 1,1-Dichloroethene	6.	U	6.	U			
75-34-3 1,1-Dichloroethane	6.	U	6.	U			
540-59-0 1,2-Dichloroethene (total)	6.	U	6.	U			
67-66-3 Chloroform	6.	U	6.	U			
107-06-2 1,2-Dichloroethane	6.	U	6.	U			
78-93-3 2-Butanone (MEK)	11.	U	11.	U			
71-55-6 1,1,1-Trichloroethane	6.	U	6.	U			
56-23-5 Carbon tetrachloride	6.	U	6.	U			
108-05-4 Vinyl acetate	11.	U	11.	U			
75-27-4 Bromodichloromethane	6.	U	6.	U			
79-34-5 1,1,2,2-Tetrachloroethane	6.	U	6.	U			
78-87-5 1,2-Dichloropropane	6.	U	6.	U			
10061-02-6 trans-1,3-Dichloropropene	6.	U	6.	U			
79-01-6 Trichloroethene	6.	U	6.	U			
124-48-1 Dibromochloromethane	6.	U	6.	U			
79-00-5 1,1,2-Trichloroethane	6.	U	6.	U			
71-43-2 Benzene	6.	U	6.	U			
10061-01-5 cis-1,3-Dichloropropene	6.	U	6.	U			
110-75-8 2-Chloroethyl vinyl ether	11.	UR	11.	UR			
75-25-2 Bromoform	6.	U	6.	U			
591-78-6 2-Hexanone	11.	U	11.	U			
108-10-1 4-Methyl-2-Pentanone (MIBK)	11.	U	11.	U			
127-18-4 Tetrachloroethene	6.	U	6.	U			
108-88-3 Toluene	6.	U	6.	U			
108-90-7 Chlorobenzene	6.	U	6.	U			
100-41-4 Ethylbenzene	6.	U	6.	U			
100-42-5 Styrene	6.	U	6.	U			
1330-20-7 Xylene (Total)	6.	U	6.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/07/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
94-75-7	2,4-D	78.	U
93-72-1	2,4,5-TP (Silvex)	18.	U
93-76-5	2,4,5-T	20.	U
88-85-7	Dinoseb	47.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	706-C-B002-01 RE
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/20/96
DATE ANALYZED --->	10/03/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
319-84-6	alpha-BHC	1.3	UJ
319-85-7	beta-BHC	1.3	UJ
319-86-8	delta-BHC	1.3	UJ
58-89-9	gamma-BHC (Lindane)	1.3	UJ
76-44-8	Heptachlor	1.3	UJ
309-00-2	Aldrin	1.3	UJ
1024-57-3	Heptachlor epoxide	1.3	UJ
959-98-8	Endosulfan I	1.3	UJ
60-57-1	Dieldrin	2.5	UJ
72-55-9	4,4'-DDE	69.	DJ
72-20-8	Endrin	2.5	UJ
33213-65-9	Endosulfan II	2.5	UJ
72-54-8	4,4'-DDD	5.6	J
1031-07-8	Endosulfan sulfate	2.5	UJ
50-29-3	4,4'-DDT	4.4	J
72-43-5	Methoxychlor	13.	UJ
53494-70-5	Endrin ketone	2.5	UJ
7421-93-4	Endrin aldehyde	2.5	UJ
5103-71-9	alpha-Chlordane	1.3	UJ
5103-74-2	gamma-Chlordane	1.4	J
8001-35-2	Toxaphene	83.	UJ
12674-11-2	Aroclor-1016	33.	UJ
11104-28-2	Aroclor-1221	33.	UJ
11141-16-5	Aroclor-1232	33.	UJ
53469-21-9	Aroclor-1242	33.	UJ
12672-29-6	Aroclor-1248	33.	UJ
11097-69-1	Aroclor-1254	67.	UJ
11096-82-5	Aroclor-1260	67.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
108-95-2	Phenol	420.	U
111-44-4	bis(2-Chloroethyl)ether	420.	U
95-57-8	2-Chlorophenol	420.	U
541-73-1	1,3-Dichlorobenzene	420.	U
106-46-7	1,4-Dichlorobenzene	420.	U
100-51-6	Benzyl alcohol	420.	U
95-50-1	1,2-Dichlorobenzene	420.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	UJ
621-64-7	N-Nitroso-di-n-propylamine	420.	U
67-72-1	Hexachloroethane	420.	U
98-95-3	Nitrobenzene	420.	U
78-59-1	Isophorone	420.	U
88-75-5	2-Nitrophenol	420.	U
105-67-9	2,4-Dimethylphenol	420.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U
120-83-2	2,4-Dichlorophenol	420.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U
91-20-3	Naphthalene	420.	U
106-47-8	4-Chloroaniline	420.	U
87-68-3	Hexachlorobutadiene	420.	U
59-50-7	4-Chloro-3-methylphenol	420.	U
91-57-6	2-Methylnaphthalene	420.	U
77-47-4	Hexachlorocyclopentadiene	420.	U
88-06-2	2,4,6-Trichlorophenol	420.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U
91-58-7	2-Chloronaphthalene	420.	U
88-74-4	2-Nitroaniline	2000.	U
131-11-3	Dimethyl phthalate	420.	U
208-96-8	Acenaphthylene	420.	U
606-20-2	2,6-Dinitrotoluene	420.	U
99-09-2	3-Nitroaniline	2000.	U
83-32-9	Acenaphthene	420.	U
51-28-5	2,4-Dinitrophenol	2000.	U
100-02-7	4-Nitrophenol	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
132-64-9	Dibenzofuran	420.	U
121-14-2	2,4-Dinitrotoluene	420.	U
84-66-2	Diethylphthalate	420.	U
7005-72-3	4-Chlorophenylphenylether	420.	U
86-73-7	Fluorene	420.	U
100-01-6	4-Nitroaniline	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U
86-30-6	N-Nitrosodiphenylamine	420.	U
101-55-3	4-Bromophenyl-phenylether	420.	U
118-74-1	Hexachlorobenzene	420.	U
87-86-5	Pentachlorophenol	2000.	U
85-01-8	Phenanthrene	420.	U
120-12-7	Anthracene	420.	U
86-74-8	Carbazole	420.	UR
84-74-2	Di-n-butylphthalate	420.	U
206-44-0	Fluoranthene	420.	U
129-00-0	Pyrene	420.	U
85-68-7	Butylbenzylphthalate	420.	U
91-94-1	3,3'-Dichlorobenzidine	840.	U
56-55-3	Benzo(a)anthracene	420.	U
218-01-9	Chrysene	420.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U
117-84-0	Di-n-octyl phthalate	420.	U
205-99-2	Benzo(b)fluoranthene	45.	J
207-08-9	Benzo(k)fluoranthene	420.	U
50-32-8	Benzo(a)pyrene	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3	Dibenz(a,h)anthracene	420.	U
191-24-2	Benzo(g,h,i)perylene	420.	U
110-86-1	Pyridine	420.	UJ
62-75-9	N-Nitrosodimethylamine	420.	U
66-27-3	Methyl methanesulfonate	2000.	U
62-53-3	Aniline	420.	U
10595-95-6	N-Nitrosomethylethylamine	420.	U
55-18-5	N-Nitrosodiethylamine	420.	U
62-50-0	Ethyl methanesulfonate	420.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	7D6CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
109-06-8	2-Picoline	420.	U
98-86-2	Acetophenone	420.	U
930-55-2	N-Nitrosopyrrolidine	420.	U
108-39-4	3-Methylphenol (m-Cresol)	420.	UJ
59-89-2	N-Nitrosomorpholine	420.	U
95-53-4	o-Toluidine	420.	U
96-12-8	1,2-Dibromo-3-Chloropropane	420.	U
100-75-4	N-Nitrosopiperidine	420.	U
126-68-1	O,O,O-Triethylphosphorothioate	420.	U
122-09-8	a,a-Dimethylphenethylamine	420.	U
87-65-0	2,6-Dichlorophenol	420.	U
1888-71-7	Hexachloropropene	420.	UJ
106-50-3	p-Phenylenediamine	2000.	UJ
924-16-3	N-Nitroso-di-n-butylamine	420.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	420.	U
94-59-7	Safrole	420.	UJ
120-58-1	Isosafrole	420.	U
130-15-4	1,4-Naphthoquinone	420.	UJ
99-65-0	1,3-Dinitrobenzene	420.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	420.	U
608-93-5	Pentachlorobenzene	420.	UJ
134-32-7	1-Naphthylamine	420.	U
56-57-5	4-Nitroquinoline 1-oxide	2000.	UR
91-59-8	2-Naphthylamine	420.	U
297-97-2	Thionazin	840.	U
99-55-8	5-Nitro-o-toluidine	420.	UJ
122-39-4	Diphenylamine	420.	UJ
3689-24-5	Sulfotep	840.	UJ
99-35-4	1,3,5-Trinitrobenzene	420.	UJ
298-02-2	Phorate	420.	U
62-44-2	Phenacetin	420.	U
2303-16-4	Diallate	420.	U
60-51-5	Dimethoate	420.	U
92-67-1	4-Aminobiphenyl	420.	U
23950-58-5	Pronamide	420.	U
82-68-8	Pentachloronitrobenzene	2000.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
298-04-4	Disulfoton	420.	U
88-85-7	Dinoseb	420.	UR
298-00-0	Methyl parathion	840.	UJ
56-38-2	Parathion	840.	UJ
91-80-5	Methapyrilene	840.	U
465-73-6	Isodrin	840.	U
140-57-8	Aramite	2000.	UR
60-11-7	p-(Dimethylamino)azobenzene	420.	U
510-15-6	Chlorobenzilate	420.	U
119-93-7	3,3-Dimethylbenzidine	420.	U
143-50-0	Kepone	2000.	UR
52-85-7	Famphur	420.	UJ
53-96-3	Acetamidofluorene	420.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	2000.	UR
70-30-4	Hexachlorophene	8500.	UR
56-49-5	3-Methyl cholanthrene	420.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	706-C-B002-01 RE
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl chloride	13.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene chloride	7.	U
67-64-1	Acetone	18.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	13.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	UJ
108-90-7	Chlorobenzene	6.	UJ
100-41-4	Ethylbenzene	6.	UJ
100-42-5	Styrene	6.	UJ
1330-20-7	Xylene (Total)	6.	UJ
110-75-8	2-Chloroethyl vinyl ether	13.	UJ
107-02-8	Acrolein	63.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	706-C-B002-01 RE
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE ANALYZED --->	09/06/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	26792	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	UJ
76-01-7	Pentachloroethane	6.	UJ
75-05-8	Acetonitrile	250.	UR
107-13-1	Acrylonitrile	63.	U
107-12-0	Propionitrile	130.	U
126-98-7	Methacrylonitrile	130.	U
78-83-1	Isobutyl alcohol	250.	UR
123-91-1	1,4-Dioxane	630.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	UJ
96-18-4	1,2,3-Trichloropropane	6.	
75-71-8	Dichlorodifluoromethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
74-95-3	Methylene bromide	13.	U
96-12-8	1,2-Dibromo-3-Chloropropane	13.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

CYANIDE										
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-C-B002-01		706-S-B002-02
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706CB00201		706SB00202
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26802.01		26801.06
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706CB00201		706SB00202
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		08/30/96
	DATE EXTRACTED -->	09/05/96		09/05/96		09/05/96		09/05/96		09/05/96
	DATE ANALYZED --->	09/09/96		09/09/96		09/09/96		09/09/96		09/09/96
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26792	VAL
57-12-5	Cyanide (CN)	0.27	U	0.35	U	0.32	U	0.25	U	0.19	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/03/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	26792	VAL
18540-29-9	Chromium (Hexavalent)	0.315	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/10/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	26792	VAL
1746-01-6	2378-TCDD	0.42	U
40321-76-4	12378-PeCDD	0.855	U
39227-28-6	123478-HxCDD	0.751	U
57653-85-7	123678-HxCDD	3.01	
19408-74-3	123789-HxCDD	3.8	J
35822-46-9	1234678-HpCDD	68.9	
3268-87-9	OCDD	400.	
51207-31-9	2378-TCDF	4.65	
57117-41-6	12378-PeCDF	3.37	
57117-31-4	23478-PeCDF	2.71	
70648-26-9	123478-HxCDF	9.36	J
57117-44-9	123678-HxCDF	2.2	J
72918-21-9	123789-HxCDF	1.15	U
60851-34-5	234678-HxCDF	3.79	
67562-39-4	1234678-HpCDF	13.4	U
55673-89-7	1234789-HpCDF	0.93	U
39001-02-0	OCDF	4.64	
41903-57-5	Total Tetra-Dioxins	6.	
36088-22-9	Total Penta-Dioxins	4.33	
34465-46-8	Total Hexa-Dioxins	51.8	
37871-00-4	Total Hepta-Dioxins	171.	
55722-27-5	Total Tetra-Furans	17.2	
30602-15-4	Total Penta-Furans	31.2	U
55684-94-1	Total Hexa-Furans	13.8	
38998-75-3	Total Hepta-Furans	13.4	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-C-B002-01		706-S-B002-02		706-S-B003-01	
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706CB00201		706SB00202		706SB00301	
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26802.01		26801.06		26860.01	
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706CB00201		706SB00202		706SB00301	
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		08/30/96		09/09/96	
	DATE EXTRACTED -->	09/05/96		09/05/96		09/05/96		09/05/96		09/05/96		09/12/96	
	DATE ANALYZED --->	09/08/96		09/08/96		09/08/96		09/08/96		09/08/96		09/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26813	VAL
7429-90-5	Aluminum (Al)	8170.		23400.		9810.		10300.		26400.		6120.	
7440-36-0	Antimony (Sb)	0.68	UJ	33.8	J	1.8	J	6.6	J	4.	J	0.68	J
7440-38-2	Arsenic (As)	2.4	J	21.5	J	2.8	J	4.8		20.2	J	1.	J
7440-39-3	Barium (Ba)	17.1		243.		26.8		53.7		62.4		13.6	
7440-41-7	Beryllium (Be)	0.22	U	1.2		0.23	U	0.36	U	1.3		0.13	J
7440-43-9	Cadmium (Cd)	0.23	J	3.6		9.3		0.79		0.62		0.08	J
7440-70-2	Calcium (Ca)	7330.	J	14300.	J	4390.	J	5930.		28500.	J	3310.	
7440-47-3	Chromium (Cr)	9.3		88.7		11.6		16.9		46.1		6.2	
7440-48-4	Cobalt (Co)	0.99		7.6		1.6		2.2	J	6.5		1.2	J
7440-50-8	Copper (Cu)	33.7		1030.		62.1		162.		84.9		15.1	
7439-89-6	Iron (Fe)	3640.		36200.		4880.		9190.		28600.		2140.	
7439-92-1	Lead (Pb)	19.9	J	631.	J	66.1	J	77.		68.8	J	15.1	
7439-95-4	Magnesium (Mg)	757.		5320.		787.		1070.		5690.		473.	
7439-96-5	Manganese (Mn)	52.7	J	551.	J	118.	J	191.		322.	J	16.2	
7439-97-6	Mercury (Hg)	0.07		1.4		0.15		0.3		1.2		0.04	U
7440-02-0	Nickel (Ni)	3.9		41.8		7.		9.6		18.8		2.5	J
7440-09-7	Potassium (K)	395.		2430.		482.		625.	J	2860.		298.	J
7782-49-2	Selenium (Se)	0.66	J	1.8	J	0.69	J	0.52	J	1.3	J	0.39	J
7440-22-4	Silver (Ag)	0.23	U	0.74	J	0.24	U	0.24	U	0.37	U	0.23	U
7440-23-5	Sodium (Na)	312.		4080.		305.		259.	J	4350.		177.	J
7440-28-0	Thallium (Tl)	0.42	UJ	1.6	J	0.43	UJ	0.43	UJ	0.98	J	0.42	U
7440-31-5	Tin (Sn)	2.4	U	57.2		2.8	U	6.2	U	5.	U	1.3	U
7440-62-2	Vanadium (V)	12.1		73.		13.		19.7		69.4		7.	
7440-66-6	Zinc (Zn)	66.5		1580.		117.		272.		269.		34.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	706-S-B003-02		706-S-B004-01		706-S-B004-02		706-S-B005-01		706-S-B006-01		706-S-B006-02	
	ORIGINAL ID ----->	706SB00302		706SB00401		706SB00402		706SB00501		706SB00601		706SB00602	
	LAB SAMPLE ID --->	26860.02		26813.01		26813.02		27034.01		26813.03		26813.04	
	ID FROM REPORT -->	706SB00302		706SB00401		706SB00402		706SB00501		706SB00601		706SB00602	
	SAMPLE DATE ----->	09/09/96		09/03/96		09/03/96		09/20/96		09/03/96		09/03/96	
	DATE EXTRACTED -->	09/12/96		09/09/96		09/09/96		09/30/96		09/09/96		09/09/96	
	DATE ANALYZED --->	09/19/96		09/17/96		09/17/96		10/11/96		09/17/96		09/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	27034	VAL	26813	VAL	26813	VAL
7429-90-5	Aluminum (Al)	4770.		4210.		8620.		4360.		4960.		9710.	
7440-36-0	Antimony (Sb)	0.38	U	0.37	U	82.4		0.37	UJ	0.36	U	49.9	
7440-38-2	Arsenic (As)	0.41	U	1.3		9.4		1.6		0.75	J	14.	
7440-39-3	Barium (Ba)	12.5		10.4		325.		13.2		6.7		166.	
7440-41-7	Beryllium (Be)	0.15	J	0.17	J	0.45		0.16	J	0.14	J	0.59	
7440-43-9	Cadmium (Cd)	0.05	U	0.15	J	6.2		0.1	J	0.07	J	3.2	
7440-70-2	Calcium (Ca)	3250.		43000.		15100.		1440.	J	11100.		14700.	
7440-47-3	Chromium (Cr)	5.3		5.5		81.5		4.8		4.8		56.5	
7440-48-4	Cobalt (Co)	0.49	J	0.96	J	5.2		0.44	J	0.39	J	4.8	
7440-50-8	Copper (Cu)	2.7	J	7.5		2210.		6.1		8.2		777.	
7439-89-6	Iron (Fe)	1240.		1890.		28600.		2400.		865.		31900.	
7439-92-1	Lead (Pb)	4.6		12.2		905.		8.4		6.1		406.	
7439-95-4	Magnesium (Mg)	273.		938.		2310.		285.		400.		2220.	
7439-96-5	Manganese (Mn)	9.5		55.6		258.		16.7	J	11.7		447.	
7439-97-6	Mercury (Hg)	0.04	U	0.05	U	2.4		0.04	U	0.04	U	1.8	
7440-02-0	Nickel (Ni)	1.4	J	2.7	J	48.7		1.4	J	1.8	J	49.5	
7440-09-7	Potassium (K)	250.	U	245.	U	771.		244.	U	240.	U	833.	
7782-49-2	Selenium (Se)	0.38	U	0.37	U	1.2		0.5	J	0.36	U	1.1	
7440-22-4	Silver (Ag)	0.24	U	0.23	U	2.5		0.23	U	0.23	U	0.8	J
7440-23-5	Sodium (Na)	212.	J	216.	J	1210.		149.	U	248.	J	1300.	
7440-28-0	Thallium (Tl)	0.43	U	0.42	U	0.59	J	0.41	UJ	0.41	U	0.98	J
7440-31-5	Tin (Sn)	0.94	U	1.	U	182.		6.4	J	1.2	U	27.7	
7440-62-2	Vanadium (V)	6.1		6.1		37.6		6.9		4.8		36.7	
7440-66-6	Zinc (Zn)	8.4		15.5		2560.		238.		7.1		1240.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	706-S-B007-01		706-S-B007-02		706-S-B008-01		706-S-B009-01		706-S-B009-02		706-S-B010-01	
	ORIGINAL ID ----->	706SB00701		706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	LAB SAMPLE ID --->	26813.05		26813.06		26834.02		26860.04		26860.05		26834.01	
	ID FROM REPORT -->	706SB00701		706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	SAMPLE DATE ----->	09/03/96		09/03/96		09/04/96		09/09/96		09/09/96		09/04/96	
	DATE EXTRACTED -->	09/09/96		09/09/96		09/20/96		09/12/96		09/12/96		09/20/96	
	DATE ANALYZED --->	09/17/96		09/17/96		09/23/96		09/19/96		09/19/96		09/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL
7429-90-5	Aluminum (Al)	6180.		28800.		4030.		5760.		15000.		7140.	
7440-36-0	Antimony (Sb)	0.37	U	2.8	J	0.35	U	0.35	U	1.	J	1.	J
7440-38-2	Arsenic (As)	1.2	J	22.3		0.49	J	0.63	J	12.7		10.8	
7440-39-3	Barium (Ba)	11.5		49.4		8.3		13.2		152.		26.6	
7440-41-7	Beryllium (Be)	0.22	J	1.5		0.11	J	0.16	J	0.86		0.44	
7440-43-9	Cadmium (Cd)	0.13	J	0.54	J	0.05	U	0.05	U	0.81		0.27	J
7440-70-2	Calcium (Ca)	38300.		9260.		1370.		8260.		20700.		12000.	
7440-47-3	Chromium (Cr)	8.2		47.8		3.8		6.6		29.1		15.9	
7440-48-4	Cobalt (Co)	0.81	J	7.6		0.35	U	0.63	J	4.4		2.1	J
7440-50-8	Copper (Cu)	4.8		90.5		5.7		4.7		151.		30.7	
7439-89-6	Iron (Fe)	2190.		34200.		669.		1680.		17000.		11000.	
7439-92-1	Lead (Pb)	7.		61.		4.9		4.7		112.		38.	
7439-95-4	Magnesium (Mg)	1730.		4700.		158.		338.		3510.		930.	
7439-96-5	Manganese (Mn)	40.7		463.		7.7		16.9		204.		129.	
7439-97-6	Mercury (Hg)	0.04	U	0.51		0.04	U	0.15	U	0.11	U	0.16	U
7440-02-0	Nickel (Ni)	2.8	J	14.5		1.	J	1.9	J	12.3		5.5	
7440-09-7	Potassium (K)	327.	J	2480.		231.	U	261.	J	1710.		507.	J
7782-49-2	Selenium (Se)	0.37	U	0.97		0.58	J	0.35	U	1.3		0.54	J
7440-22-4	Silver (Ag)	0.23	U	0.3	U	0.22	U	0.22	U	0.25	U	0.24	J
7440-23-5	Sodium (Na)	203.	J	2170.		159.	J	273.		2950.		292.	
7440-28-0	Thallium (Tl)	0.42	U	0.6	J	0.39	U	0.39	U	1.2	J	0.42	U
7440-31-5	Tin (Sn)	1.9	U	4.	U	0.64	U	1.2	U	5.2	U	1.5	U
7440-62-2	Vanadium (V)	9.5		75.4		4.		8.9		37.4		24.	
7440-66-6	Zinc (Zn)	13.2		167.		10.8		8.		585.		89.2	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	706-C-B002-01
ORIGINAL ID ----->	706CB00201
LAB SAMPLE ID --->	26802.01
ID FROM REPORT -->	706CB00201
SAMPLE DATE ----->	08/30/96
DATE EXTRACTED -->	09/03/96
DATE ANALYZED --->	09/12/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	26792	VAL
298-02-2	Phorate	84.	U
298-04-4	Disulfoton	151.	U
298-00-0	Methyl parathion	21.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-S-B002-02		706-S-B003-01		706-S-B003-02	
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26801.06		26860.01		26860.02	
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		09/09/96		09/09/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/10/96		09/10/96	
	DATE ANALYZED --->	09/17/96		09/25/96		09/18/96		09/26/96		09/21/96		09/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26813	VAL	26813	VAL
319-84-6	alpha-BHC	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
319-85-7	beta-BHC	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
319-86-8	delta-BHC	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
76-44-8	Heptachlor	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
309-00-2	Aldrin	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
1024-57-3	Heptachlor epoxide	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
959-98-8	Endosulfan I	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
60-57-1	Dieldrin	3.1	U	4.9	U	3.1	U	4.8	U	3.	U	3.1	U
72-55-9	4,4'-DDE	3.1	U	130.	D	47.		21.	J	3.	U	3.1	U
72-20-8	Endrin	3.1	U	4.9	U	3.1	U	4.8	U	3.	U	3.1	U
33213-65-9	Endosulfan II	3.1	U	4.9	U	3.1	U	4.8	U	3.	U	3.1	U
72-54-8	4,4'-DDD	3.1	U	81.		8.7	U	110.	D	3.	U	3.1	U
1031-07-8	Endosulfan sulfate	3.1	U	4.9	U	3.1	U	4.8	U	3.	U	3.1	U
50-29-3	4,4'-DDT	3.1	U	18.		4.4	U	9.		3.	U	3.1	U
72-43-5	Methoxychlor	16.	U	25.	U	16.	U	25.	U	16.	U	16.	U
53494-70-5	Endrin ketone	3.1	U	4.9	U	3.1	U	4.8	U	3.	U	3.1	U
7421-93-4	Endrin aldehyde	3.1	U	5.1	J	3.1	U	4.8	U	3.	U	3.1	U
5103-71-9	alpha-Chlordane	1.6	U	2.5	U	1.6	U	2.5	U	1.6	U	1.6	U
5103-74-2	gamma-Chlordane	2.7		2.6	J	1.6	UJ	2.5	U	1.6	U	1.6	U
8001-35-2	Toxaphene	100.	U	160.	U	100.	U	160.	U	100.	U	100.	U
12674-11-2	Aroclor-1016	41.	U	65.	U	41.	U	63.	U	40.	U	41.	U
11104-28-2	Aroclor-1221	41.	U	65.	U	41.	U	63.	U	40.	U	41.	U
11141-16-5	Aroclor-1232	41.	U	65.	U	41.	U	63.	U	40.	U	41.	U
53469-21-9	Aroclor-1242	41.	U	65.	U	41.	U	63.	U	40.	U	41.	U
12672-29-6	Aroclor-1248	41.	U	65.	U	41.	U	63.	U	40.	U	41.	U
11097-69-1	Aroclor-1254	83.	U	130.	U	84.	U	130.	U	82.	U	84.	U
11096-82-5	Aroclor-1260	83.	U	130.	U	84.	U	130.	U	82.	U	84.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	706-S-B004-01		706-S-B004-02		706-S-B005-01		706-S-B006-01		706-S-B006-02		706-S-B007-01	
	ORIGINAL ID ----->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	LAB SAMPLE ID --->	26813.01		26813.02		27034.01		26813.03		26813.04		26813.05	
	ID FROM REPORT -->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	SAMPLE DATE ----->	09/03/96		09/03/96		09/20/96		09/03/96		09/03/96		09/03/96	
	DATE EXTRACTED -->	09/04/96		09/04/96		09/23/96		09/04/96		09/04/96		09/04/96	
	DATE ANALYZED --->	09/25/96		09/25/96		10/09/96		09/25/96		09/25/96		09/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	27034	VAL	26813	VAL	26813	VAL	26813	VAL
319-84-6	alpha-BHC	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
319-85-7	beta-BHC	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
319-86-8	delta-BHC	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
76-44-8	Heptachlor	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
309-00-2	Aldrin	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
1024-57-3	Heptachlor epoxide	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
959-98-8	Endosulfan I	1.6	U	1.8	U	1.6	U	1.5	U	1.8	U	1.6	U
60-57-1	Dieldrin	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
72-55-9	4,4'-DDE	3.	U	28.	J	3.	U	3.	U	140.	D	3.	U
72-20-8	Endrin	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
33213-65-9	Endosulfan II	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
72-54-8	4,4'-DDD	3.	U	3.4	U	3.	U	3.	U	98.	D	3.	U
1031-07-8	Endosulfan sulfate	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
50-29-3	4,4'-DDT	3.	U	100.	J	3.	U	3.	U	140.	D	3.	U
72-43-5	Methoxychlor	16.	U	18.	U	16.	U	15.	U	18.	U	16.	U
53494-70-5	Endrin ketone	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
7421-93-4	Endrin aldehyde	3.	U	3.4	U	3.	U	3.	U	3.5	U	3.	U
5103-71-9	alpha-Chlordane	1.6	U	1.8	U	1.6	U	1.5	U	11.	J	1.6	U
5103-74-2	gamma-Chlordane	1.6	U	1.8	U	1.6	U	1.5	U	13.	J	1.6	U
8001-35-2	Toxaphene	100.	U	110.	U	100.	U	99.	U	120.	U	100.	U
12674-11-2	Aroclor-1016	40.	U	44.	U	40.	U	39.	U	46.	U	40.	U
11104-28-2	Aroclor-1221	40.	U	44.	U	40.	U	39.	U	46.	U	40.	U
11141-16-5	Aroclor-1232	40.	U	44.	U	40.	U	39.	U	46.	U	40.	U
53469-21-9	Aroclor-1242	40.	U	44.	U	40.	U	39.	U	46.	U	40.	U
12672-29-6	Aroclor-1248	40.	U	44.	U	40.	U	39.	U	46.	U	40.	U
11097-69-1	Aroclor-1254	82.	U	90.	U	82.	U	80.	U	93.	U	82.	U
11096-82-5	Aroclor-1260	82.	U	1100.	J	82.	U	80.	U	520.	J	82.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-PEST											
	SAMPLE ID ------->	706-S-B007-02		706-S-B008-01		706-S-B009-01		706-S-B009-02		706-S-B010-01	
	ORIGINAL ID ----->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	LAB SAMPLE ID --->	26813.06		26834.02		26860.04		26860.05		26834.01	
	ID FROM REPORT -->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	SAMPLE DATE ----->	09/03/96		09/04/96		09/09/96		09/09/96		09/04/96	
	DATE EXTRACTED -->	09/04/96		09/09/96		09/10/96		09/10/96		09/09/96	
	DATE ANALYZED --->	09/25/96		09/25/96		09/22/96		09/22/96		09/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL
319-84-6	alpha-BHC	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
319-85-7	beta-BHC	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
319-86-8	delta-BHC	2.1	U	1.5	U	1.5	U	9.9	U	1.6	U
58-89-9	gamma-BHC (Lindane)	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
76-44-8	Heptachlor	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
309-00-2	Aldrin	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
1024-57-3	Heptachlor epoxide	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
959-98-8	Endosulfan I	2.1	U	1.5	U	1.5	U	1.7	U	1.6	U
60-57-1	Dieldrin	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
72-55-9	4,4'-DDE	4.	U	2.9	U	2.9	U	3.2	U	7.5	
72-20-8	Endrin	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
33213-65-9	Endosulfan II	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
72-54-8	4,4'-DDD	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
1031-07-8	Endosulfan sulfate	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
50-29-3	4,4'-DDT	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
72-43-5	Methoxychlor	21.	U	15.	U	15.	U	17.	U	16.	U
53494-70-5	Endrin ketone	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
7421-93-4	Endrin aldehyde	4.	U	2.9	U	2.9	U	3.2	U	3.2	U
5103-71-9	alpha-Chlordane	2.1	U	1.5	U	1.5	U	1.7	U	7.7	
5103-74-2	gamma-Chlordane	2.1	U	1.5	U	1.5	U	1.7	U	7.7	
8001-35-2	Toxaphene	130.	U	95.	U	95.	U	110.	U	100.	U
12674-11-2	Aroclor-1016	53.	U	38.	U	38.	U	43.	U	42.	U
11104-28-2	Aroclor-1221	53.	U	38.	U	38.	U	43.	U	42.	U
11141-16-5	Aroclor-1232	53.	U	38.	U	38.	U	43.	U	42.	U
53469-21-9	Aroclor-1242	53.	U	38.	U	38.	U	43.	U	42.	U
12672-29-6	Aroclor-1248	53.	U	38.	U	38.	U	43.	U	42.	U
11097-69-1	Aroclor-1254	110.	U	77.	U	77.	U	87.	U	85.	U
11096-82-5	Aroclor-1260	70.	J	64.	J	77.	U	87.	U	85.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-S-B002-02		706-S-B003-01		706-S-B003-02	
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26801.06		26860.01		26860.02	
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		09/09/96		09/09/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/10/96		09/10/96	
	DATE ANALYZED --->	09/13/96		09/13/96		09/13/96		09/13/96		09/17/96		09/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26813	VAL	26813	VAL
108-95-2	Phenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
95-57-8	2-Chlorophenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
541-73-1	1,3-Dichlorobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
106-46-7	1,4-Dichlorobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
100-51-6	Benzyl alcohol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
95-50-1	1,2-Dichlorobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	650.	U	410.	U	630.	U	52.	J	410.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
67-72-1	Hexachloroethane	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
98-95-3	Nitrobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
78-59-1	Isophorone	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
88-75-5	2-Nitrophenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
105-67-9	2,4-Dimethylphenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
65-85-0	Benzoic acid	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
120-83-2	2,4-Dichlorophenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
91-20-3	Naphthalene	410.	U	650.	U	410.	U	630.	U	51.	J	410.	U
106-47-8	4-Chloroaniline	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
87-68-3	Hexachlorobutadiene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	170.	J	410.	U	630.	U	410.	U	410.	U
91-57-6	2-Methylnaphthalene	410.	U	650.	U	410.	U	630.	U	74.	J	410.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
91-58-7	2-Chloronaphthalene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
88-74-4	2-Nitroaniline	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
131-11-3	Dimethyl phthalate	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
208-96-8	Acenaphthylene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
99-09-2	3-Nitroaniline	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
83-32-9	Acenaphthene	410.	U	87.	J	410.	U	630.	U	410.	U	410.	U
51-28-5	2,4-Dinitrophenol	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
100-02-7	4-Nitrophenol	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-S-B002-02		706-S-B003-01		706-S-B003-02	
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26801.06		26860.01		26860.02	
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		09/09/96		09/09/96	
	DATE EXTRACTED -->	09/03/96		09/03/96		09/03/96		09/03/96		09/10/96		09/10/96	
	DATE ANALYZED --->	09/13/96		09/13/96		09/13/96		09/13/96		09/17/96		09/17/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26813	VAL	26813	VAL
132-64-9	Dibenzofuran	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
121-14-2	2,4-Dinitrotoluene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
606-20-2	2,6-Dinitrotoluene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
84-66-2	Diethylphthalate	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
86-73-7	Fluorene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
100-01-6	4-Nitroaniline	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
118-74-1	Hexachlorobenzene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
87-86-5	Pentachlorophenol	2000.	U	3100.	U	2000.	U	3100.	U	2000.	U	2000.	U
85-01-8	Phenanthrene	410.	U	100.	J	410.	U	630.	U	410.	U	410.	U
120-12-7	Anthracene	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
84-74-2	Di-n-butylphthalate	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
206-44-0	Fluoranthene	410.	U	210.	J	410.	U	630.	U	410.	U	410.	U
129-00-0	Pyrene	410.	U	350.	J	46.	J	440.	J	91.	J	410.	U
85-68-7	Butylbenzylphthalate	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U	1300.	U	820.	U	1300.	U	810.	U	820.	U
56-55-3	Benzo(a)anthracene	410.	U	180.	J	410.	U	630.	U	410.	U	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	650.	U	410.	U	630.	U	620.	U	410.	U
218-01-9	Chrysene	410.	U	200.	J	410.	U	140.	J	410.	U	410.	U
117-84-0	Di-n-octyl phthalate	410.	U	650.	U	410.	U	630.	U	410.	U	410.	U
205-99-2	Benzo(b)fluoranthene	410.	U	210.	J	53.	J	630.	U	410.	U	410.	U
207-08-9	Benzo(k)fluoranthene	410.	U	170.	J	32.	J	630.	U	410.	U	410.	U
50-32-8	Benzo(a)pyrene	410.	U	270.	J	410.	U	76.	J	410.	U	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U	170.	J	410.	U	630.	U	410.	U	410.	U
53-70-3	Dibenz(a,h)anthracene	410.	U	94.	J	410.	U	630.	U	410.	U	410.	U
191-24-2	Benzo(g,h,i)perylene	410.	U	190.	J	410.	U	77.	J	410.	U	410.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	706-S-B004-01		706-S-B004-02		706-S-B005-01		706-S-B006-01		706-S-B006-02		706-S-B007-01	
	ORIGINAL ID ----->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	LAB SAMPLE ID --->	26813.01		26813.02		27034.01		26813.03		26813.04		26813.05	
	ID FROM REPORT -->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	SAMPLE DATE ----->	09/03/96		09/03/96		09/20/96		09/03/96		09/03/96		09/03/96	
	DATE EXTRACTED -->	09/04/96		09/04/96		09/23/96		09/04/96		09/04/96		09/04/96	
	DATE ANALYZED --->	09/10/96		09/10/96		10/16/96		09/13/96		09/13/96		09/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	27034	VAL	26813	VAL	26813	VAL	26813	VAL
108-95-2	Phenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
95-57-8	2-Chlorophenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
106-46-7	1,4-Dichlorobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
100-51-6	Benzyl alcohol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
95-50-1	1,2-Dichlorobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	440.	U	400.	U	390.	U	120.	J	400.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
67-72-1	Hexachloroethane	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
98-95-3	Nitrobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
78-59-1	Isophorone	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
88-75-5	2-Nitrophenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
105-67-9	2,4-Dimethylphenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
65-85-0	Benzoic acid	2000.	U	170.	J	2000.	U	1900.	U	92.	J	83.	J
111-91-1	bis(2-Chloroethoxy)methane	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
120-83-2	2,4-Dichlorophenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
91-20-3	Naphthalene	400.	U	83.	J	400.	U	390.	U	70.	J	400.	U
106-47-8	4-Chloroaniline	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
87-68-3	Hexachlorobutadiene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
91-57-6	2-Methylnaphthalene	400.	U	77.	J	400.	U	390.	U	85.	J	400.	U
77-47-4	Hexachlorocyclopentadiene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
91-58-7	2-Chloronaphthalene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
88-74-4	2-Nitroaniline	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
131-11-3	Dimethyl phthalate	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
208-96-8	Acenaphthylene	400.	U	98.	J	400.	U	390.	U	460.	U	400.	U
99-09-2	3-Nitroaniline	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
83-32-9	Acenaphthene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
100-02-7	4-Nitrophenol	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	706-S-B004-01		706-S-B004-02		706-S-B005-01		706-S-B006-01		706-S-B006-02		706-S-B007-01	
	ORIGINAL ID ----->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	LAB SAMPLE ID --->	26813.01		26813.02		27034.01		26813.03		26813.04		26813.05	
	ID FROM REPORT -->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	SAMPLE DATE ----->	09/03/96		09/03/96		09/20/96		09/03/96		09/03/96		09/03/96	
	DATE EXTRACTED -->	09/04/96		09/04/96		09/23/96		09/04/96		09/04/96		09/04/96	
	DATE ANALYZED --->	09/10/96		09/10/96		10/16/96		09/13/96		09/13/96		09/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	27034	VAL	26813	VAL	26813	VAL	26813	VAL
132-64-9	Dibenzofuran	400.	U	49.	J	400.	U	390.	U	460.	U	400.	U
121-14-2	2,4-Dinitrotoluene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
606-20-2	2,6-Dinitrotoluene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
84-66-2	Diethylphthalate	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
86-73-7	Fluorene	400.	U	48.	J	400.	U	390.	U	460.	U	400.	U
100-01-6	4-Nitroaniline	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2200.	U	2000.	U	1900.	U	2200.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
118-74-1	Hexachlorobenzene	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
87-86-5	Pentachlorophenol	2000.	U	62.	J	2000.	U	1900.	U	2200.	U	2000.	U
85-01-8	Phenanthrene	400.	U	550.		400.	U	390.	U	620.		400.	U
120-12-7	Anthracene	400.	U	200.	J	400.	U	390.	U	240.	J	400.	U
84-74-2	Di-n-butylphthalate	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
206-44-0	Fluoranthene	45.	J	1100.		400.	U	390.	U	1400.		88.	J
129-00-0	Pyrene	400.	U	920.		400.	U	390.	U	1500.		70.	J
85-68-7	Butylbenzylphthalate	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U	890.	U	800.	U	780.	U	920.	U	800.	U
56-55-3	Benzo(a)anthracene	400.	U	920.		400.	U	390.	U	920.		50.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
218-01-9	Chrysene	400.	U	1400.		400.	U	390.	U	860.		59.	J
117-84-0	Di-n-octyl phthalate	400.	U	440.	U	400.	U	390.	U	460.	U	400.	U
205-99-2	Benzo(b)fluoranthene	400.	U	440.	U	400.	U	390.	U	810.		400.	U
207-08-9	Benzo(k)fluoranthene	400.	U	2000.		400.	U	390.	U	640.		79.	J
50-32-8	Benzo(a)pyrene	400.	U	1200.		400.	U	390.	U	840.		72.	J
193-39-5	Indeno(1,2,3-cd)pyrene	400.	U	730.		400.	U	390.	U	500.		400.	U
53-70-3	Dibenz(a,h)anthracene	400.	U	360.	J	400.	U	390.	U	280.	J	400.	U
191-24-2	Benzo(g,h,i)perylene	400.	U	780.		400.	U	390.	U	560.		400.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	706-S-B007-02		706-S-B008-01		706-S-B009-01		706-S-B009-02		706-S-B010-01	
	ORIGINAL ID ----->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	LAB SAMPLE ID --->	26813.06		26834.02		26860.04		26860.05		26834.01	
	ID FROM REPORT -->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	SAMPLE DATE ----->	09/03/96		09/04/96		09/09/96		09/09/96		09/04/96	
	DATE EXTRACTED -->	09/04/96		09/09/96		09/10/96		09/10/96		09/09/96	
	DATE ANALYZED --->	09/11/96		09/16/96		09/17/96		09/17/96		09/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL
108-95-2	Phenol	530.	U	410.	U	380.	U	430.	U	410.	U
111-44-4	bis(2-Chloroethyl)ether	530.	U	410.	U	380.	U	430.	U	410.	U
95-57-8	2-Chlorophenol	530.	U	410.	U	380.	U	430.	U	410.	U
541-73-1	1,3-Dichlorobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
106-46-7	1,4-Dichlorobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
100-51-6	Benzyl alcohol	530.	U	410.	U	380.	U	430.	U	410.	U
95-50-1	1,2-Dichlorobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	530.	U	410.	U	380.	U	430.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	530.	U	410.	U	380.	U	430.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	530.	U	410.	U	380.	U	430.	U	410.	U
621-64-7	N-Nitroso-di-n-propylamine	530.	U	410.	U	380.	U	430.	U	410.	U
67-72-1	Hexachloroethane	530.	U	410.	U	380.	U	430.	U	410.	U
98-95-3	Nitrobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
78-59-1	Isophorone	530.	U	410.	U	380.	U	430.	U	410.	U
88-75-5	2-Nitrophenol	530.	U	410.	U	380.	U	430.	U	410.	U
105-67-9	2,4-Dimethylphenol	530.	U	410.	U	380.	U	430.	U	410.	U
65-85-0	Benzoic acid	120.	J	2000.	U	170.	J	68.	J	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	530.	U	410.	U	380.	U	430.	U	410.	U
120-83-2	2,4-Dichlorophenol	530.	U	410.	U	380.	U	430.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
91-20-3	Naphthalene	530.	U	410.	U	380.	U	210.	J	410.	U
106-47-8	4-Chloroaniline	530.	U	410.	U	380.	U	430.	U	410.	U
87-68-3	Hexachlorobutadiene	530.	U	410.	U	380.	U	430.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	530.	U	410.	U	380.	U	430.	U	410.	U
91-57-6	2-Methylnaphthalene	530.	U	410.	U	380.	U	290.	J	410.	U
77-47-4	Hexachlorocyclopentadiene	530.	U	410.	U	380.	U	430.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	530.	U	410.	U	380.	U	430.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
91-58-7	2-Chloronaphthalene	530.	U	410.	U	380.	U	430.	U	410.	U
88-74-4	2-Nitroaniline	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
131-11-3	Dimethyl phthalate	530.	U	410.	U	380.	U	430.	U	410.	U
208-96-8	Acenaphthylene	530.	U	410.	U	380.	U	110.	J	410.	U
99-09-2	3-Nitroaniline	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
83-32-9	Acenaphthene	530.	U	410.	U	380.	U	65.	J	410.	U
51-28-5	2,4-Dinitrophenol	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
100-02-7	4-Nitrophenol	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	706-S-B007-02		706-S-B008-01		706-S-B009-01		706-S-B009-02		706-S-B010-01	
	ORIGINAL ID ----->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	LAB SAMPLE ID --->	26813.06		26834.02		26860.04		26860.05		26834.01	
	ID FROM REPORT -->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	SAMPLE DATE ----->	09/03/96		09/04/96		09/09/96		09/09/96		09/04/96	
	DATE EXTRACTED -->	09/04/96		09/09/96		09/10/96		09/10/96		09/09/96	
	DATE ANALYZED --->	09/11/96		09/16/96		09/17/96		09/17/96		09/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL
132-64-9	Dibenzofuran	530.	U	410.	U	380.	U	54.	J	410.	U
121-14-2	2,4-Dinitrotoluene	530.	U	410.	U	380.	U	430.	U	410.	U
606-20-2	2,6-Dinitrotoluene	530.	U	410.	U	380.	U	430.	U	410.	U
84-66-2	Diethylphthalate	530.	U	410.	U	380.	U	430.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	530.	U	410.	U	380.	U	430.	U	410.	U
86-73-7	Fluorene	530.	U	410.	U	380.	U	100.	J	410.	U
100-01-6	4-Nitroaniline	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	530.	U	410.	U	380.	U	430.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	530.	U	410.	U	380.	U	430.	U	410.	U
118-74-1	Hexachlorobenzene	530.	U	410.	U	380.	U	430.	U	410.	U
87-86-5	Pentachlorophenol	2600.	U	2000.	U	1800.	U	2100.	U	2000.	U
85-01-8	Phenanthrene	530.	U	410.	U	380.	U	440.		410.	U
120-12-7	Anthracene	530.	U	410.	U	380.	U	200.	J	410.	U
84-74-2	Di-n-butylphthalate	66.	J	410.	U	380.	U	430.	U	410.	U
206-44-0	Fluoranthene	88.	J	410.	U	72.	J	1200.		410.	U
129-00-0	Pyrene	96.	J	410.	U	84.	J	1400.		410.	U
85-68-7	Butylbenzylphthalate	97.	J	410.	U	380.	U	430.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	1100.	U	810.	U	760.	U	860.	U	820.	U
56-55-3	Benzo(a)anthracene	85.	J	410.	U	380.	U	680.		410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	530.	U	410.	U	380.	U	430.	U	410.	U
218-01-9	Chrysene	100.	J	410.	U	380.	U	660.		410.	U
117-84-0	Di-n-octyl phthalate	69.	J	410.	U	380.	U	430.	U	410.	U
205-99-2	Benzo(b)fluoranthene	120.	J	410.	U	130.	J	540.		410.	U
207-08-9	Benzo(k)fluoranthene	120.	J	410.	U	380.	U	530.		410.	U
50-32-8	Benzo(a)pyrene	100.	J	410.	U	67.	J	640.		410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	98.	J	410.	U	380.	U	240.	J	410.	U
53-70-3	Dibenz(a,h)anthracene	74.	J	410.	U	380.	U	140.	J	410.	U
191-24-2	Benzo(g,h,i)perylene	140.	J	410.	U	380.	U	220.	J	410.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	706-S-B001-01		706-S-B001-02		706-S-B002-01		706-S-B002-02		706-S-B003-01		706-S-B003-02	
	ORIGINAL ID ----->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	LAB SAMPLE ID --->	26801.01		26801.04		26801.05		26801.06		26860.01		26860.02	
	ID FROM REPORT -->	706SB00101		706SB00102		706SB00201		706SB00202		706SB00301		706SB00302	
	SAMPLE DATE ----->	08/30/96		08/30/96		08/30/96		08/30/96		09/09/96		09/09/96	
	DATE ANALYZED --->	09/05/96		09/05/96		09/05/96		09/06/96		09/13/96		09/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26792	VAL	26792	VAL	26792	VAL	26792	VAL	26813	VAL	26813	VAL
74-87-3	Chloromethane	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
74-83-9	Bromomethane	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
75-01-4	Vinyl chloride	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
75-00-3	Chloroethane	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
75-09-2	Methylene chloride	12.	U	20.	U	12.	U	10.	U	6.	U	6.	U
67-64-1	Acetone	15.	U	100.	U	13.	U	110.	U	53.	U	44.	U
75-15-0	Carbon disulfide	6.	U	10.	U	6.	U	2.	J	6.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
67-66-3	Chloroform	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	12.	U	15.	U	2.	U	20.	U	7.	U	3.	U
71-55-6	1,1,1-Trichloroethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
108-05-4	Vinyl acetate	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
79-01-6	Trichloroethene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
124-48-1	Dibromochloromethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
71-43-2	Benzene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UJ	20.	UJ	12.	UJ	19.	UJ	12.	UR	12.	UR
75-25-2	Bromoform	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
591-78-6	2-Hexanone	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	20.	U	12.	U	19.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
108-88-3	Toluene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
108-90-7	Chlorobenzene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
100-41-4	Ethylbenzene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
100-42-5	Styrene	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	6.	U	10.	U	6.	U	10.	U	6.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-VOA	SAMPLE ID ------->	706-S-B004-01		706-S-B004-02 RE		706-S-B005-01		706-S-B006-01		706-S-B006-02 RE		706-S-B007-01	
	ORIGINAL ID ----->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	LAB SAMPLE ID --->	26813.01		26813.02		27034.01		26813.03		26813.04		26813.05	
	ID FROM REPORT -->	706SB00401		706SB00402		706SB00501		706SB00601		706SB00602		706SB00701	
	SAMPLE DATE ----->	09/03/96		09/03/96		09/20/96		09/03/96		09/03/96		09/03/96	
	DATE ANALYZED --->	09/05/96		09/06/96		09/25/96		09/05/96		09/09/96		09/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	27034	VAL	26813	VAL	26813	VAL	26813	VAL
74-87-3	Chloromethane	12.	U	14.	U	12.	U	12.	U	14.	U	12.	U
74-83-9	Bromomethane	12.	U	14.	U	12.	U	12.	U	14.	U	12.	U
75-01-4	Vinyl chloride	12.	U	14.	U	12.	U	12.	U	14.	U	12.	U
75-00-3	Chloroethane	12.	U	14.	U	12.	U	12.	U	14.	U	12.	U
75-09-2	Methylene chloride	6.	U	9.	U	5.	U	6.	U	7.	U	6.	U
67-64-1	Acetone	12.	U	210.	U	12.	U	12.	U	150.	U	12.	U
75-15-0	Carbon disulfide	6.	U	7.	U	2.	J	6.	U	7.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	7.	U	5.	U	6.	U	7.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	7.	U	5.	U	6.	U	7.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	7.	U	5.	U	6.	U	7.	U	6.	U
67-66-3	Chloroform	6.	U	7.	U	5.	U	6.	U	7.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	7.	U	5.	U	6.	U	7.	U	6.	U
78-93-3	2-Butanone (MEK)	12.	U	51.	U	12.	U	12.	U	38.	U	12.	U
71-55-6	1,1,1-Trichloroethane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
56-23-5	Carbon tetrachloride	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
108-05-4	Vinyl acetate	12.	U	14.	UJ	12.	U	12.	U	14.	UJ	12.	U
75-27-4	Bromodichloromethane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
78-87-5	1,2-Dichloropropane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
79-01-6	Trichloroethene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
124-48-1	Dibromochloromethane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
71-43-2	Benzene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
110-75-8	2-Chloroethyl vinyl ether	12.	UJ	14.	UJ	12.	U	12.	UJ	14.	UR	12.	UJ
75-25-2	Bromoform	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
591-78-6	2-Hexanone	12.	U	14.	UJ	12.	U	12.	U	14.	UJ	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	14.	UJ	12.	U	12.	U	14.	UJ	12.	U
127-18-4	Tetrachloroethene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
108-88-3	Toluene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
108-90-7	Chlorobenzene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
100-41-4	Ethylbenzene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
100-42-5	Styrene	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U
1330-20-7	Xylene (Total)	6.	U	7.	UJ	5.	U	6.	U	7.	UJ	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE 706 SOIL SAMPLES

SW846-VOA											
	SAMPLE ID ------->	706-S-B007-02		706-S-B008-01		706-S-B009-01		706-S-B009-02		706-S-B010-01	
	ORIGINAL ID ----->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	LAB SAMPLE ID --->	26813.06		26834.02		26860.04		26860.05		26834.01	
	ID FROM REPORT -->	706SB00702		706SB00801		706SB00901		706SB00902		706SB01001	
	SAMPLE DATE ----->	09/03/96		09/04/96		09/09/96		09/09/96		09/04/96	
	DATE ANALYZED --->	09/05/96		09/10/96		09/13/96		09/16/96		09/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26813	VAL	26813	VAL	26813	VAL	26813	VAL	26813	VAL
74-87-3	Chloromethane	16.	UJ	11.	U	11.	U	13.	U	12.	U
74-83-9	Bromomethane	16.	UJ	11.	U	11.	U	13.	U	12.	U
75-01-4	Vinyl chloride	16.	UJ	11.	U	11.	U	13.	U	12.	U
75-00-3	Chloroethane	16.	UJ	11.	U	11.	U	13.	U	12.	U
75-09-2	Methylene chloride	8.	UJ	6.	U	6.	U	6.	U	6.	U
67-64-1	Acetone	440.	U	11.	U	29.	U	140.	U	12.	U
75-15-0	Carbon disulfide	8.	UJ	6.	U	6.	U	8.	U	6.	U
75-35-4	1,1-Dichloroethene	8.	UJ	6.	U	6.	U	6.	U	6.	U
75-34-3	1,1-Dichloroethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	8.	UJ	6.	U	6.	U	6.	U	6.	U
67-66-3	Chloroform	8.	UJ	6.	U	6.	U	6.	U	6.	U
107-06-2	1,2-Dichloroethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
78-93-3	2-Butanone (MEK)	73.	U	11.	U	4.	U	160.	U	12.	U
71-55-6	1,1,1-Trichloroethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
56-23-5	Carbon tetrachloride	8.	UJ	6.	U	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	16.	UJ	11.	U	11.	U	13.	U	12.	U
75-27-4	Bromodichloromethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
78-87-5	1,2-Dichloropropane	8.	UJ	6.	U	6.	U	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	8.	UJ	6.	U	6.	U	6.	U	6.	U
79-01-6	Trichloroethene	2.	J	6.	U	6.	U	2.	J	6.	U
124-48-1	Dibromochloromethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	8.	UJ	6.	U	6.	U	6.	U	6.	U
71-43-2	Benzene	8.	UJ	6.	U	1.	J	2.	J	6.	U
10061-01-5	cis-1,3-Dichloropropene	8.	UJ	6.	U	6.	U	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	16.	UJ	11.	UR	11.	UR	13.	UR	12.	UR
75-25-2	Bromoform	8.	UJ	6.	U	6.	U	6.	U	6.	U
591-78-6	2-Hexanone	16.	UJ	11.	U	11.	U	13.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	16.	UJ	11.	U	11.	U	13.	U	12.	U
127-18-4	Tetrachloroethene	8.	UJ	6.	U	6.	U	6.	U	6.	U
108-88-3	Toluene	8.	UJ	6.	U	6.	U	2.	J	6.	U
108-90-7	Chlorobenzene	8.	UJ	6.	U	6.	U	2.	J	6.	U
100-41-4	Ethylbenzene	8.	UJ	6.	U	6.	U	6.	U	6.	U
100-42-5	Styrene	8.	UJ	6.	U	6.	U	6.	U	6.	U
1330-20-7	Xylene (Total)	8.	UJ	6.	U	6.	U	6.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 HERB

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/08/96
DATE ANALYZED --->	10/09/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
94-75-7	2,4-D	70.	U
93-72-1	2,4,5-TP (Silvex)	16.	U
93-76-5	2,4,5-T	18.	U
88-85-7	Dinoseb	42.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 PEST

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
319-84-6	alpha-BHC	1.5	U
319-85-7	beta-BHC	1.5	U
319-86-8	delta-BHC	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U
76-44-8	Heptachlor	1.5	U
309-00-2	Aldrin	1.5	U
1024-57-3	Heptachlor epoxide	1.5	U
959-98-8	Endosulfan I	1.5	U
60-57-1	Dieldrin	2.8	U
72-55-9	4,4'-DDE	2.8	U
72-20-8	Endrin	2.8	U
33213-65-9	Endosulfan II	2.8	U
72-54-8	4,4'-DDD	2.8	U
1031-07-8	Endosulfan sulfate	2.8	U
50-29-3	4,4'-DDT	2.8	U
72-43-5	Methoxychlor	15.	U
53494-70-5	Endrin ketone	2.8	U
7421-93-4	Endrin aldehyde	2.8	U
5103-71-9	alpha-Chlordane	1.5	U
5103-74-2	gamma-Chlordane	1.5	U
8001-35-2	Toxaphene	93.	U
12674-11-2	Aroclor-1016	37.	U
11104-28-2	Aroclor-1221	37.	U
11141-16-5	Aroclor-1232	37.	U
53469-21-9	Aroclor-1242	37.	U
12672-29-6	Aroclor-1248	37.	U
11097-69-1	Aroclor-1254	75.	U
11096-82-5	Aroclor-1260	75.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
108-95-2	Phenol	370.	U
111-44-4	bis(2-Chloroethyl)ether	370.	U
95-57-8	2-Chlorophenol	370.	U
541-73-1	1,3-Dichlorobenzene	370.	U
106-46-7	1,4-Dichlorobenzene	370.	U
100-51-6	Benzyl alcohol	370.	U
95-50-1	1,2-Dichlorobenzene	370.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370.	U
106-44-5	4-Methylphenol (p-Cresol)	370.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U
67-72-1	Hexachloroethane	370.	U
98-95-3	Nitrobenzene	370.	U
78-59-1	Isophorone	370.	U
88-75-5	2-Nitrophenol	370.	U
105-67-9	2,4-Dimethylphenol	370.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U
120-83-2	2,4-Dichlorophenol	370.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U
91-20-3	Naphthalene	61.	J
106-47-8	4-Chloroaniline	370.	U
87-68-3	Hexachlorobutadiene	370.	U
59-50-7	4-Chloro-3-methylphenol	370.	U
91-57-6	2-Methylnaphthalene	53.	J
77-47-4	Hexachlorocyclopentadiene	370.	U
88-06-2	2,4,6-Trichlorophenol	370.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U
91-58-7	2-Chloronaphthalene	370.	U
88-74-4	2-Nitroaniline	1800.	U
131-11-3	Dimethyl phthalate	370.	U
208-96-8	Acenaphthylene	370.	U
606-20-2	2,6-Dinitrotoluene	370.	U
99-09-2	3-Nitroaniline	1800.	U
83-32-9	Acenaphthene	370.	U
51-28-5	2,4-Dinitrophenol	1800.	U
100-02-7	4-Nitrophenol	1800.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
132-64-9	Dibenzofuran	370.	U
121-14-2	2,4-Dinitrotoluene	370.	U
84-66-2	Diethylphthalate	370.	U
7005-72-3	4-Chlorophenylphenylether	370.	U
86-73-7	Fluorene	50.	J
100-01-6	4-Nitroaniline	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U
86-30-6	N-Nitrosodiphenylamine	370.	U
101-55-3	4-Bromophenyl-phenylether	370.	U
118-74-1	Hexachlorobenzene	370.	U
87-86-5	Pentachlorophenol	1800.	U
85-01-8	Phenanthrene	210.	J
120-12-7	Anthracene	47.	J
86-74-8	Carbazole	370.	UR
84-74-2	Di-n-butylphthalate	370.	U
206-44-0	Fluoranthene	130.	J
129-00-0	Pyrene	140.	J
85-68-7	Butylbenzylphthalate	370.	U
91-94-1	3,3'-Dichlorobenzidine	740.	U
56-55-3	Benzo(a)anthracene	80.	J
218-01-9	Chrysene	92.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	370.	U
117-84-0	Di-n-octyl phthalate	370.	U
205-99-2	Benzo(b)fluoranthene	65.	J
207-08-9	Benzo(k)fluoranthene	41.	J
50-32-8	Benzo(a)pyrene	59.	J
193-39-5	Indeno(1,2,3-cd)pyrene	40.	J
53-70-3	Dibenz(a,h)anthracene	370.	U
191-24-2	Benzo(g,h,i)perylene	46.	J
110-86-1	Pyridine	370.	U
62-75-9	N-Nitrosodimethylamine	370.	U
66-27-3	Methyl methanesulfonate	1800.	U
62-53-3	Aniline	370.	U
10595-95-6	N-Nitrosomethylethylamine	370.	UJ
55-18-5	N-Nitrosodiethylamine	370.	UJ
62-50-0	Ethyl methanesulfonate	370.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
109-06-8	2-Picoline	370.	U
98-86-2	Acetophenone	370.	UJ
930-55-2	N-Nitrosopyrrolidine	370.	U
108-39-4	3-Methylphenol (m-Cresol)	370.	UJ
59-89-2	N-Nitrosomorpholine	370.	U
95-53-4	o-Toluidine	370.	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	370.	UR
100-75-4	N-Nitrosopiperidine	370.	UJ
126-68-1	O,O,O-Triethylphosphorothioate	370.	UJ
122-09-8	a,a-Dimethylphenethylamine	370.	U
87-65-0	2,6-Dichlorophenol	370.	U
1888-71-7	Hexachloropropene	370.	U
106-50-3	p-Phenylenediamine	1800.	U
924-16-3	N-Nitroso-di-n-butylamine	370.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	370.	U
94-59-7	Safrole	370.	UJ
120-58-1	Isosafrole	370.	UJ
130-15-4	1,4-Naphthoquinone	370.	UR
99-65-0	1,3-Dinitrobenzene	370.	UR
58-90-2	2,3,4,6-Tetrachlorophenol	370.	U
608-93-5	Pentachlorobenzene	370.	U
134-32-7	1-Naphthylamine	370.	U
56-57-5	4-Nitroquinoline 1-oxide	1800.	U
91-59-8	2-Naphthylamine	370.	UJ
297-97-2	Thionazin	740.	UJ
99-55-8	5-Nitro-o-toluidine	370.	UJ
122-39-4	Diphenylamine	370.	UJ
3689-24-5	Sulfotep	740.	U
99-35-4	1,3,5-Trinitrobenzene	370.	U
298-02-2	Phorate	370.	UJ
62-44-2	Phenacetin	370.	UR
2303-16-4	Diallate	370.	UR
60-51-5	Dimethoate	370.	UJ
92-67-1	4-Aminobiphenyl	370.	UJ
23950-58-5	Pronamide	370.	UJ
82-68-8	Pentachloronitrobenzene	1800.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 SVOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/23/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
298-04-4	Disulfoton	370.	UJ
88-85-7	Dinoseb	370.	U
298-00-0	Methyl parathion	740.	UJ
56-38-2	Parathion	740.	UJ
91-80-5	Methapyrilene	740.	U
465-73-6	Isodrin	740.	UJ
140-57-8	Aramite	1800.	U
60-11-7	p-(Dimethylamino)azobenzene	370.	U
510-15-6	Chlorobenzilate	370.	U
119-93-7	3,3-Dimethylbenzidine	370.	UJ
143-50-0	Kepone	1800.	UR
52-85-7	Famphur	370.	UJ
53-96-3	Acetamidofluorene	370.	UJ
57-97-6	7,12-Dimethylbenz(a)anthracene	1800.	UJ
70-30-4	Hexachlorophene	7400.	UR
56-49-5	3-Methyl cholanthrene	370.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE ANALYZED --->	10/13/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	11.	U
75-15-0	Carbon disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone (MEK)	11.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon tetrachloride	6.	U
108-05-4	Vinyl acetate	11.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	6.	U
108-88-3	Toluene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylene (Total)	6.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UJ
107-02-8	Acrolein	56.	UR
74-88-4	Methyl iodide	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

APX9 VOA

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE ANALYZED --->	10/13/96
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	27202	VAL
107-05-1	3-Chloropropene	6.	U
126-99-8	Chloroprene	6.	U
110-57-6	trans-1,4-Dichloro-2-butene	6.	U
76-01-7	Pentachloroethane	6.	U
75-05-8	Acetonitrile	220.	UR
107-13-1	Acrylonitrile	56.	U
107-12-0	Propionitrile	110.	U
126-98-7	Methacrylonitrile	110.	U
78-83-1	Isobutyl alcohol	220.	UR
123-91-1	1,4-Dioxane	560.	UR
80-62-6	Methyl methacrylate	6.	U
97-63-2	Ethyl methacrylate	6.	U
106-93-4	1, 2-Dibromoethane	6.	U
630-20-6	1,1,1,2-Tetrachloroethane	6.	U
96-18-4	1,2,3-Trichloropropane	6.	U
75-71-8	Dichlorodifluoromethane	6.	UR
75-69-4	Trichlorofluoromethane	6.	UJ
74-95-3	Methylene bromide	11.	U
96-12-8	1,2-Dibromo-3-Chloropropane	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-D2		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE EXTRACTED -->	09/04/96		09/04/96		09/04/96		10/21/96		10/13/96		10/13/96	
	DATE ANALYZED --->	09/05/96		09/05/96		09/05/96		10/24/96		10/14/96		10/14/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
57-12-5	Cyanide (CN)	0.24	J	0.21	J	0.22	J	1.1	U	0.12	U	0.19	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02		GDG-S-B006-01		GDG-C-B006-01		GDG-S-B006-02		GDG-S-B007-01	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGCB00601		GDGSB00602		GDGSB00701	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27220.01		27219.02		28114.01	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGCB00601		GDGSB00602		GDGSB00701	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		10/04/96		01/08/97	
	DATE EXTRACTED -->	10/21/96		10/21/96		10/10/96		10/09/96		10/10/96		01/14/97	
	DATE ANALYZED --->	10/24/96		10/24/96		10/14/96		10/09/96		10/14/96		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	27202	VAL	28114	VAL
57-12-5	Cyanide (CN)	0.34	U	1.1	U	0.11	U	0.11	U	0.14	J	0.45	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

CYANIDE											
	SAMPLE ID ------->	GDG-S-B007-02		GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02	
	ORIGINAL ID ----->	GDGSB00702		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	LAB SAMPLE ID --->	28114.02		28114.03		28114.04		28114.05		28114.06	
	ID FROM REPORT -->	GDGSB00702		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/08/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/14/97		01/14/97		01/14/97		01/14/97		01/14/97	
	DATE ANALYZED --->	01/15/97		01/15/97		01/15/97		01/15/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL	28114	VAL
57-12-5	Cyanide (CN)	0.13	U	0.12	U	0.14	U	0.27	J	0.14	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

HEXACHROME

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/21/96
DATE ANALYZED --->	10/21/96
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	27202	VAL
18540-29-9	Chromium (Hexavalent)	0.282	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-DIOX

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/10/96
DATE ANALYZED --->	10/15/96
MATRIX ---------->	Soil
UNITS ---------->	NG/KG

CAS #	Parameter	27202	VAL
1746-01-6	2378-TCDD	0.105	U
40321-76-4	12378-PeCDD	0.127	U
39227-28-6	123478-HxCDD	0.264	U
57653-85-7	123678-HxCDD	0.192	U
19408-74-3	123789-HxCDD	0.643	J
35822-46-9	1234678-HpCDD	8.99	
3268-87-9	OCDD	81.6	
51207-31-9	2378-TCDF	0.153	U
57117-41-6	12378-PeCDF	0.072	U
57117-31-4	23478-PeCDF	0.07	U
70648-26-9	123478-HxCDF	0.316	
57117-44-9	123678-HxCDF	0.067	U
72918-21-9	123789-HxCDF	0.091	U
60851-34-5	234678-HxCDF	0.397	
67562-39-4	1234678-HpCDF	1.58	U
55673-89-7	1234789-HpCDF	0.14	U
39001-02-0	OCDF	3.13	U
41903-57-5	Total Tetra-Dioxins	4.38	
36088-22-9	Total Penta-Dioxins	1.63	
34465-46-8	Total Hexa-Dioxins	19.6	
37871-00-4	Total Hepta-Dioxins	23.9	
55722-27-5	Total Tetra-Furans	0.153	U
30602-15-4	Total Penta-Furans	0.07	U
55684-94-1	Total Hexa-Furans	1.68	
38998-75-3	Total Hepta-Furans	1.91	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-02		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE EXTRACTED -->	09/12/96		09/06/96		09/06/96		10/22/96		10/14/96		10/14/96	
	DATE ANALYZED --->	09/13/96		09/12/96		09/12/96		10/24/96		10/23/96		10/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
7429-90-5	Aluminum (Al)	17800.		13200.		36800.		15000.		2870.		2630.	
7440-36-0	Antimony (Sb)	2.7		0.58	U	0.58	U	5.7	J	0.53	UJ	0.37	UJ
7440-38-2	Arsenic (As)	23.6		10.		35.8		25.2		3.1		1.4	
7440-39-3	Barium (Ba)	50.		58.8		62.8		129.		10.9		7.7	
7440-41-7	Beryllium (Be)	1.1		0.77		2.4		0.86		0.37	U	0.29	U
7440-43-9	Cadmium (Cd)	1.7		0.26		0.35	J	0.85		0.05	U	0.05	U
7440-70-2	Calcium (Ca)	23500.		28800.		6390.		18000.		52300.	J	38300.	J
7440-47-3	Chromium (Cr)	32.3		26.4		65.4		39.3		8.9		7.4	
7440-48-4	Cobalt (Co)	5.2		3.3		14.7		6.2		1.6	J	0.9	J
7440-50-8	Copper (Cu)	317.		28.7		46.2		431.		1.7	U	1.1	U
7439-89-6	Iron (Fe)	21600.		15100.		58100.		32700.		6740.		3110.	
7439-92-1	Lead (Pb)	87.1		96.7		76.4		275.		3.5	J	2.4	J
7439-95-4	Magnesium (Mg)	2850.		1660.		7040.		5280.		1050.		1040.	
7439-96-5	Manganese (Mn)	254.		202.		409.		359.		53.8		19.9	
7439-97-6	Mercury (Hg)	0.89		0.12		0.37		2.		0.04	U	0.04	U
7440-02-0	Nickel (Ni)	14.6		7.8		21.9		26.5		2.	J	1.9	J
7440-09-7	Potassium (K)	1730.		699.		3790.		1200.		280.	J	245.	U
7782-49-2	Selenium (Se)	0.72	U	0.36	U	0.89	U	1.4		0.62		0.54	J
7440-22-4	Silver (Ag)	0.28	U	0.24	U	0.39	U	0.24	U	0.23	U	0.23	U
7440-23-5	Sodium (Na)	1070.		749.		1960.		608.	U	742.	U	610.	U
7440-28-0	Thallium (Tl)	0.41	U	0.36	U	0.58	U	0.91	J	0.41	U	0.42	U
7440-31-5	Tin (Sn)	4.8	U	2.4	U	5.	U	26.4		1.2	U	1.	U
7440-62-2	Vanadium (V)	50.5		34.8		112.		57.		8.7		5.9	
7440-66-6	Zinc (Zn)	920.		103.		198.		529.		14.1	U	9.7	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02		GDG-S-B006-01		GDG-C-B006-01		GDG-S-B006-02		GDG-S-B007-01	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGCB00601		GDGSB00602		GDGSB00701	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27220.01		27219.02		28114.01	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGCB00601		GDGSB00602		GDGSB00701	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		10/04/96		01/08/97	
	DATE EXTRACTED -->	10/22/96		10/22/96		10/13/96		10/13/96		10/13/96		01/10/97	
	DATE ANALYZED --->	10/24/96		10/24/96		10/21/96		10/21/96		10/21/96		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	27202	VAL	28114	VAL
7429-90-5	Aluminum (Al)	8790.		8860.		2190.		2790.		5330.		10600.	
7440-36-0	Antimony (Sb)	0.34	U	0.37	U	0.34	U	0.34	U	0.39	U	1.5	J
7440-38-2	Arsenic (As)	8.6		7.1		3.1		3.5		6.7		16.6	
7440-39-3	Barium (Ba)	23.2		23.6		27.4	J	90.2	J	16.3		79.7	
7440-41-7	Beryllium (Be)	0.36	U	0.7		0.27	U	0.3		0.6		0.91	
7440-43-9	Cadmium (Cd)	0.05	U	0.52	J	0.12	J	0.16	J	0.25	J	0.66	
7440-70-2	Calcium (Ca)	12200.		127000.		17300.		20600.		81900.		8920.	
7440-47-3	Chromium (Cr)	14.8		36.1		7.		8.8		28.8		27.5	
7440-48-4	Cobalt (Co)	1.6	J	1.8	J	1.1	J	1.1	J	1.2	J	5.1	
7440-50-8	Copper (Cu)	5.3	U	23.9	U	22.6		24.1		9.7		96.9	
7439-89-6	Iron (Fe)	11200.		9720.		4300.		5070.		6060.		18200.	
7439-92-1	Lead (Pb)	16.6		24.6		103.	J	98.3		30.	J	106.	
7439-95-4	Magnesium (Mg)	822.		3210.		766.		995.		3130.		2190.	
7439-96-5	Manganese (Mn)	38.5		54.3		56.9		56.4		52.3		271.	
7439-97-6	Mercury (Hg)	0.06		0.05		0.87		0.19		0.06		0.41	
7440-02-0	Nickel (Ni)	4.3	J	12.3		3.2	J	3.8	J	11.		14.1	
7440-09-7	Potassium (K)	313.	J	955.		225.	U	250.	J	670.		1030.	
7782-49-2	Selenium (Se)	0.87		0.96		0.45	J	0.51	J	1.		0.89	
7440-22-4	Silver (Ag)	0.22	U	0.24	U	0.21	U	0.21	U	0.25	U	0.24	U
7440-23-5	Sodium (Na)	374.	U	833.	U	268.	U	312.	U	1070.		394.	
7440-28-0	Thallium (Tl)	0.58	J	1.	J	0.55	J	0.48	J	0.44	U	1.3	U
7440-31-5	Tin (Sn)	1.7	U	2.3	U	4.2	U	2.3	U	1.2	U	4.3	J
7440-62-2	Vanadium (V)	24.1		25.5		7.2		8.5		16.4		43.5	
7440-66-6	Zinc (Zn)	17.7		65.6		83.3		79.8		49.8		232.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-META											
	SAMPLE ID ------->	GDG-S-B007-02		GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02	
	ORIGINAL ID ----->	GDGSB00702		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	LAB SAMPLE ID --->	28114.02		28114.03		28114.04		28114.05		28114.06	
	ID FROM REPORT -->	GDGSB00702		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/08/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/10/97		01/10/97		01/10/97		01/10/97		01/10/97	
	DATE ANALYZED --->	01/14/97		01/14/97		01/14/97		01/14/97		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL	28114	VAL
7429-90-5	Aluminum (Al)	8140.		8130.		8920.		5140.		11800.	
7440-36-0	Antimony (Sb)	0.4	U	0.79	J	0.41	U	1.4	J	0.43	U
7440-38-2	Arsenic (As)	7.5		9.9		12.2		8.8		19.5	
7440-39-3	Barium (Ba)	52.6		30.8		34.3		51.1		28.6	
7440-41-7	Beryllium (Be)	0.45		0.62		0.61		0.47		0.81	
7440-43-9	Cadmium (Cd)	0.08	J	0.55	J	0.18	J	0.59	J	0.26	J
7440-70-2	Calcium (Ca)	6650.		37200.		11000.		12300.		18300.	
7440-47-3	Chromium (Cr)	15.9		20.9		18.		14.4		24.1	
7440-48-4	Cobalt (Co)	1.7	J	3.		4.		2.6		4.2	
7440-50-8	Copper (Cu)	4.5		194.		16.8		74.8		24.4	
7439-89-6	Iron (Fe)	14600.		12600.		14200.		8750.		19600.	
7439-92-1	Lead (Pb)	18.3		52.1		40.		76.8		40.4	
7439-95-4	Magnesium (Mg)	1890.		2110.		2440.		1340.		3560.	
7439-96-5	Manganese (Mn)	62.5		137.		189.		91.1		233.	
7439-97-6	Mercury (Hg)	0.23		0.21		0.2		0.38		0.16	
7440-02-0	Nickel (Ni)	2.8	J	9.3		5.6		10.5		8.6	
7440-09-7	Potassium (K)	1410.		968.		1380.		656.		1820.	
7782-49-2	Selenium (Se)	0.4	U	0.37	U	0.69	J	0.5	J	0.59	J
7440-22-4	Silver (Ag)	0.26	U	0.23	U	0.26	U	0.22	U	0.27	U
7440-23-5	Sodium (Na)	1860.		1060.		3270.		1150.		3890.	
7440-28-0	Thallium (Tl)	1.1	U	0.69	U	0.82	U	0.5	U	1.3	U
7440-31-5	Tin (Sn)	1.1	J	2.6	J	1.6	J	4.	J	2.9	J
7440-62-2	Vanadium (V)	24.8		26.4		30.3		21.4		39.	
7440-66-6	Zinc (Zn)	20.1		1650.		72.6		185.		97.9	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-OP P

SAMPLE ID ------->	GDG-C-B006-01
ORIGINAL ID ----->	GDGCB00601
LAB SAMPLE ID --->	27220.01
ID FROM REPORT -->	GDGCB00601
SAMPLE DATE ----->	10/04/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/22/96
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	27202	VAL
298-02-2	Phorate	75.	U
298-04-4	Disulfoton	135.	U
298-00-0	Methyl parathion	19.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-02		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE EXTRACTED -->	08/26/96		08/28/96		08/28/96		10/18/96		10/14/96		10/14/96	
	DATE ANALYZED --->	09/14/96		09/14/96		09/14/96		10/28/96		10/25/96		10/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
319-84-6	alpha-BHC	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
319-85-7	beta-BHC	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
319-86-8	delta-BHC	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
76-44-8	Heptachlor	1.8	U	1.5	U	2.5	U	2.1	J	1.6	U	1.6	U
309-00-2	Aldrin	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
1024-57-3	Heptachlor epoxide	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
959-98-8	Endosulfan I	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
60-57-1	Dieldrin	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
72-55-9	4,4'-DDE	5.7		3.2		4.8	U	40.	J	3.	U	3.	U
72-20-8	Endrin	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
33213-65-9	Endosulfan II	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
72-54-8	4,4'-DDD	3.7		3.	U	4.8	U	3.1	U	3.	U	3.	U
1031-07-8	Endosulfan sulfate	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
50-29-3	4,4'-DDT	4.	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
72-43-5	Methoxychlor	18.	U	15.	U	25.	U	16.	U	16.	U	16.	U
53494-70-5	Endrin ketone	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
7421-93-4	Endrin aldehyde	3.4	U	3.	U	4.8	U	3.1	U	3.	U	3.	U
5103-71-9	alpha-Chlordane	1.8	U	1.5	U	2.5	U	1.6	U	1.6	U	1.6	U
5103-74-2	gamma-Chlordane	5.1		1.8		2.5	U	1.6	U	1.6	U	1.6	U
8001-35-2	Toxaphene	110.	U	99.	U	160.	U	100.	U	100.	U	100.	U
12674-11-2	Aroclor-1016	44.	U	39.	U	63.	U	41.	U	40.	U	40.	U
11104-28-2	Aroclor-1221	44.	U	39.	U	63.	U	41.	U	40.	U	40.	U
11141-16-5	Aroclor-1232	44.	U	39.	U	63.	U	41.	U	40.	U	40.	U
53469-21-9	Aroclor-1242	44.	U	39.	U	63.	U	41.	U	40.	U	40.	U
12672-29-6	Aroclor-1248	44.	U	39.	U	63.	U	41.	U	40.	U	40.	U
11097-69-1	Aroclor-1254	90.	U	80.	U	130.	U	84.	U	81.	U	82.	U
11096-82-5	Aroclor-1260	90.	U	80.	U	130.	U	3500.	D	81.	U	82.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02		GDG-S-B006-01		GDG-S-B006-02		GDG-S-B007-01		GDG-S-B007-02	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27219.02		28114.01		28114.02	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		01/08/97		01/08/97	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/09/96		10/09/96		01/10/97		01/10/97	
	DATE ANALYZED --->	10/28/96		10/28/96		10/24/96		10/24/96		01/22/97		01/22/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	28114	VAL	28114	VAL
319-84-6	alpha-BHC	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
319-85-7	beta-BHC	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
319-86-8	delta-BHC	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
76-44-8	Heptachlor	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
309-00-2	Aldrin	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
1024-57-3	Heptachlor epoxide	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
959-98-8	Endosulfan I	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
60-57-1	Dieldrin	2.8	U	3.1	U	2.8	UJ	3.3	U	7.4	U	3.4	U
72-55-9	4,4'-DDE	2.8	U	3.1	U	2.8	UJ	3.3	U	57.	D	3.4	U
72-20-8	Endrin	2.8	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
33213-65-9	Endosulfan II	2.8	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
72-54-8	4,4'-DDD	2.8	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
1031-07-8	Endosulfan sulfate	2.8	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
50-29-3	4,4'-DDT	2.8	U	3.1	U	2.8	UJ	3.3	U	84.	J	3.4	U
72-43-5	Methoxychlor	15.	U	16.	U	15.	UJ	17.	U	16.	U	18.	U
53494-70-5	Endrin ketone	2.8	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
7421-93-4	Endrin aldehyde	5.2	U	3.1	U	2.8	UJ	3.3	U	3.1	U	3.4	U
5103-71-9	alpha-Chlordane	1.5	U	1.6	U	1.5	UJ	1.7	U	1.6	U	1.8	U
5103-74-2	gamma-Chlordane	1.5	U	1.6	U	1.5	UJ	1.7	U	1.8		1.8	U
8001-35-2	Toxaphene	94.	U	100.	U	93.	UJ	110.	U	100.	U	110.	U
12674-11-2	Aroclor-1016	38.	U	41.	U	37.	UJ	43.	U	41.	U	44.	U
11104-28-2	Aroclor-1221	38.	U	41.	U	37.	UJ	43.	U	41.	U	44.	U
11141-16-5	Aroclor-1232	38.	U	41.	U	37.	UJ	43.	U	41.	U	44.	U
53469-21-9	Aroclor-1242	38.	U	41.	U	37.	UJ	43.	U	41.	U	44.	U
12672-29-6	Aroclor-1248	38.	U	41.	U	37.	UJ	43.	U	41.	U	44.	U
11097-69-1	Aroclor-1254	76.	U	84.	U	75.	UJ	88.	U	84.	U	90.	U
11096-82-5	Aroclor-1260	76.	U	84.	U	75.	UJ	88.	U	1600.	D	30.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-PEST											
	SAMPLE ID ------->	GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02			
	ORIGINAL ID ----->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902			
	LAB SAMPLE ID --->	28114.03		28114.04		28114.05		28114.06			
	ID FROM REPORT -->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902			
	SAMPLE DATE ----->	01/08/97		01/08/97		01/08/97		01/08/97			
	DATE EXTRACTED -->	01/10/97		01/10/97		01/16/97		01/10/97			
	DATE ANALYZED --->	01/23/97		01/21/97		01/21/97		01/21/97			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL		
319-84-6	alpha-BHC	16.	U	1.8	U	1.5	U	1.8	U		
319-85-7	beta-BHC	16.	U	1.8	U	1.5	U	1.8	U		
319-86-8	delta-BHC	16.	U	1.8	U	1.5	U	1.8	U		
58-89-9	gamma-BHC (Lindane)	16.	U	1.8	U	1.5	U	1.8	U		
76-44-8	Heptachlor	16.	U	1.8	U	1.5	U	1.8	U		
309-00-2	Aldrin	16.	U	1.8	U	1.5	U	1.8	U		
1024-57-3	Heptachlor epoxide	16.	U	1.8	U	2.2		1.8	U		
959-98-8	Endosulfan I	16.	U	1.8	U	1.5	U	1.8	U		
60-57-1	Dieldrin	80.	J	3.4	U	3.	U	3.6	U		
72-55-9	4,4'-DDE	31.	U	3.4	U	50.		3.6	U		
72-20-8	Endrin	31.	U	3.4	U	3.	U	3.6	U		
33213-65-9	Endosulfan II	31.	U	3.4	U	3.	U	3.6	U		
72-54-8	4,4'-DDD	31.	U	3.4	U	9.2		3.6	U		
1031-07-8	Endosulfan sulfate	31.	U	3.4	U	3.	U	3.6	U		
50-29-3	4,4'-DDT	780.	D	3.4	U	35.		3.6	U		
72-43-5	Methoxychlor	160.	U	18.	U	15.	U	18.	U		
53494-70-5	Endrin ketone	31.	U	3.4	U	3.	U	3.6	U		
7421-93-4	Endrin aldehyde	31.	U	3.4	U	3.	U	3.6	U		
5103-71-9	alpha-Chlordane	16.	U	1.8	U	2.4	J	1.8	U		
5103-74-2	gamma-Chlordane	16.	U	1.8	U	6.8		1.8	U		
8001-35-2	Toxaphene	1000.	U	110.	U	99.	U	120.	U		
12674-11-2	Aroclor-1016	410.	U	45.	U	39.	U	47.	U		
11104-28-2	Aroclor-1221	410.	U	45.	U	39.	U	47.	U		
11141-16-5	Aroclor-1232	410.	U	45.	U	39.	U	47.	U		
53469-21-9	Aroclor-1242	410.	U	45.	U	39.	U	47.	U		
12672-29-6	Aroclor-1248	410.	U	45.	U	39.	U	47.	U		
11097-69-1	Aroclor-1254	830.	U	92.	U	80.	U	96.	U		
11096-82-5	Aroclor-1260	13000.	D	42.	J	190.		13.	J		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-02		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE EXTRACTED -->	08/26/96		08/28/96		08/28/96		10/18/96		10/14/96		10/14/96	
	DATE ANALYZED --->	09/06/96		09/06/96		09/06/96		11/01/96		10/25/96		10/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
108-95-2	Phenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
95-57-8	2-Chlorophenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
541-73-1	1,3-Dichlorobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
106-46-7	1,4-Dichlorobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
100-51-6	Benzyl alcohol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
95-50-1	1,2-Dichlorobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
67-72-1	Hexachloroethane	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
98-95-3	Nitrobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
78-59-1	Isophorone	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
88-75-5	2-Nitrophenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
105-67-9	2,4-Dimethylphenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
65-85-0	Benzoic acid	75.	J	68.	J	110.	J	1800.	U	1900.	U	2000.	U
111-91-1	bis(2-Chloroethoxy)methane	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
120-83-2	2,4-Dichlorophenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
91-20-3	Naphthalene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
106-47-8	4-Chloroaniline	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
87-68-3	Hexachlorobutadiene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
91-57-6	2-Methylnaphthalene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
77-47-4	Hexachlorocyclopentadiene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
91-58-7	2-Chloronaphthalene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
88-74-4	2-Nitroaniline	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
131-11-3	Dimethyl phthalate	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
208-96-8	Acenaphthylene	440.	U	390.	U	630.	U	42.	J	400.	U	400.	U
99-09-2	3-Nitroaniline	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
83-32-9	Acenaphthene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
51-28-5	2,4-Dinitrophenol	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
100-02-7	4-Nitrophenol	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-02		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE EXTRACTED -->	08/26/96		08/28/96		08/28/96		10/18/96		10/14/96		10/14/96	
	DATE ANALYZED --->	09/06/96		09/06/96		09/06/96		11/01/96		10/25/96		10/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
132-64-9	Dibenzofuran	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
121-14-2	2,4-Dinitrotoluene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
606-20-2	2,6-Dinitrotoluene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
84-66-2	Diethylphthalate	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
86-73-7	Fluorene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
100-01-6	4-Nitroaniline	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
118-74-1	Hexachlorobenzene	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
87-86-5	Pentachlorophenol	2200.	U	1900.	U	3100.	U	1800.	U	1900.	U	2000.	U
85-01-8	Phenanthrene	440.	U	390.	U	630.	U	330.	J	400.	U	400.	U
120-12-7	Anthracene	440.	U	390.	U	630.	U	100.	J	400.	U	400.	U
84-74-2	Di-n-butylphthalate	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
206-44-0	Fluoranthene	180.	J	390.	U	630.	U	880.		400.	U	400.	U
129-00-0	Pyrene	160.	J	390.	U	630.	U	750.		400.	U	400.	U
85-68-7	Butylbenzylphthalate	440.	U	390.	U	630.	U	48.	J	400.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	890.	U	780.	U	1300.	U	750.	U	800.	U	800.	U
56-55-3	Benzo(a)anthracene	68.	J	390.	U	630.	U	470.		400.	U	400.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
218-01-9	Chrysene	87.	J	390.	U	630.	U	680.		400.	U	400.	U
117-84-0	Di-n-octyl phthalate	440.	U	390.	U	630.	U	380.	U	400.	U	400.	U
205-99-2	Benzo(b)fluoranthene	120.	J	390.	U	630.	U	710.		400.	U	400.	U
207-08-9	Benzo(k)fluoranthene	100.	J	390.	U	630.	U	390.		400.	U	400.	U
50-32-8	Benzo(a)pyrene	73.	J	390.	U	630.	U	500.		400.	U	400.	U
193-39-5	Indeno(1,2,3-cd)pyrene	440.	UJ	390.	UJ	630.	UJ	300.	J	400.	U	400.	U
53-70-3	Dibenz(a,h)anthracene	440.	U	390.	U	630.	U	180.	J	400.	U	400.	U
191-24-2	Benzo(g,h,i)perylene	440.	UJ	390.	UJ	630.	UJ	400.		400.	U	400.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02		GDG-S-B006-01		GDG-S-B006-02		GDG-S-B007-01		GDG-S-B007-02	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27219.02		28114.01		28114.02	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		01/08/97		01/08/97	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/09/96		10/09/96		01/10/97		01/10/97	
	DATE ANALYZED --->	11/01/96		11/01/96		10/29/96		10/29/96		01/15/97		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	28114	VAL	28114	VAL
108-95-2	Phenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
111-44-4	bis(2-Chloroethyl)ether	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
95-57-8	2-Chlorophenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
541-73-1	1,3-Dichlorobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
106-46-7	1,4-Dichlorobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
100-51-6	Benzyl alcohol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
95-50-1	1,2-Dichlorobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
67-72-1	Hexachloroethane	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
98-95-3	Nitrobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
78-59-1	Isophorone	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
88-75-5	2-Nitrophenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
105-67-9	2,4-Dimethylphenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
65-85-0	Benzoic acid	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
120-83-2	2,4-Dichlorophenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
91-20-3	Naphthalene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
106-47-8	4-Chloroaniline	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
87-68-3	Hexachlorobutadiene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
91-57-6	2-Methylnaphthalene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
77-47-4	Hexachlorocyclopentadiene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
91-58-7	2-Chloronaphthalene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
88-74-4	2-Nitroaniline	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
131-11-3	Dimethyl phthalate	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
208-96-8	Acenaphthylene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
99-09-2	3-Nitroaniline	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
83-32-9	Acenaphthene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
51-28-5	2,4-Dinitrophenol	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
100-02-7	4-Nitrophenol	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02		GDG-S-B006-01		GDG-S-B006-02		GDG-S-B007-01		GDG-S-B007-02	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27219.02		28114.01		28114.02	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		01/08/97		01/08/97	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/09/96		10/09/96		01/10/97		01/10/97	
	DATE ANALYZED --->	11/01/96		11/01/96		10/29/96		10/29/96		01/15/97		01/14/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	28114	VAL	28114	VAL
132-64-9	Dibenzofuran	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
121-14-2	2,4-Dinitrotoluene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
606-20-2	2,6-Dinitrotoluene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
84-66-2	Diethylphthalate	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
86-73-7	Fluorene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
100-01-6	4-Nitroaniline	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
118-74-1	Hexachlorobenzene	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
87-86-5	Pentachlorophenol	1900.	U	2000.	U	1800.	U	2100.	U	2000.	U	2200.	U
85-01-8	Phenanthrene	400.	U	410.	U	370.	U	430.	U	240.	J	440.	U
120-12-7	Anthracene	400.	U	410.	U	370.	U	430.	U	66.	J	440.	U
84-74-2	Di-n-butylphthalate	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
206-44-0	Fluoranthene	160.	J	49.	J	370.	U	430.	U	540.		70.	J
129-00-0	Pyrene	140.	J	46.	J	370.	U	430.	U	490.		70.	J
85-68-7	Butylbenzylphthalate	55.	J	50.	J	370.	U	430.	U	410.	U	440.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U	820.	U	740.	U	870.	U	820.	U	890.	U
56-55-3	Benzo(a)anthracene	49.	J	410.	U	370.	U	430.	U	310.	J	55.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
218-01-9	Chrysene	72.	J	410.	U	370.	U	430.	U	380.	J	57.	J
117-84-0	Di-n-octyl phthalate	400.	U	410.	U	370.	U	430.	U	410.	U	440.	U
205-99-2	Benzo(b)fluoranthene	400.	U	410.	U	370.	U	430.	U	300.	J	60.	J
207-08-9	Benzo(k)fluoranthene	66.	J	410.	U	370.	U	430.	U	280.	J	440.	U
50-32-8	Benzo(a)pyrene	48.	J	410.	U	370.	U	430.	U	270.	J	440.	U
193-39-5	Indeno(1,2,3-cd)pyrene	400.	U	410.	U	370.	U	430.	U	160.	J	440.	U
53-70-3	Dibenz(a,h)anthracene	400.	U	410.	U	370.	U	430.	U	74.	J	440.	U
191-24-2	Benzo(g,h,i)perylene	50.	J	410.	U	370.	U	430.	U	190.	J	440.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA									
	SAMPLE ID ------->	GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02	
	ORIGINAL ID ----->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	LAB SAMPLE ID --->	28114.03		28114.04		28114.05		28114.06	
	ID FROM REPORT -->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/08/97		01/08/97	
	DATE EXTRACTED -->	01/10/97		01/10/97		01/10/97		01/10/97	
	DATE ANALYZED --->	01/14/97		01/14/97		01/14/97		01/15/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL
108-95-2	Phenol	410.	U	450.	U	390.	U	470.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U	450.	U	390.	U	470.	U
95-57-8	2-Chlorophenol	410.	U	450.	U	390.	U	470.	U
541-73-1	1,3-Dichlorobenzene	410.	U	450.	U	390.	U	470.	U
106-46-7	1,4-Dichlorobenzene	410.	U	450.	U	390.	U	470.	U
100-51-6	Benzyl alcohol	410.	U	450.	U	390.	U	470.	U
95-50-1	1,2-Dichlorobenzene	410.	U	450.	U	390.	U	470.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	450.	U	390.	U	470.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U	450.	U	390.	U	470.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	450.	U	390.	U	470.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U	450.	U	390.	U	470.	U
67-72-1	Hexachloroethane	410.	U	450.	U	390.	U	470.	U
98-95-3	Nitrobenzene	410.	U	450.	U	390.	U	470.	U
78-59-1	Isophorone	410.	U	450.	U	390.	U	470.	U
88-75-5	2-Nitrophenol	410.	U	450.	U	390.	U	470.	U
105-67-9	2,4-Dimethylphenol	410.	U	450.	U	390.	U	470.	U
65-85-0	Benzoic acid	2000.	U	2200.	U	1900.	U	2300.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	450.	U	390.	U	470.	U
120-83-2	2,4-Dichlorophenol	410.	U	450.	U	390.	U	470.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	450.	U	390.	U	470.	U
91-20-3	Naphthalene	410.	U	450.	U	390.	U	470.	U
106-47-8	4-Chloroaniline	410.	U	450.	U	390.	U	470.	U
87-68-3	Hexachlorobutadiene	410.	U	450.	U	390.	U	470.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	450.	U	390.	U	470.	U
91-57-6	2-Methylnaphthalene	410.	U	450.	U	390.	U	470.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	450.	U	390.	U	470.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	450.	U	390.	U	470.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2200.	U	1900.	U	2300.	U
91-58-7	2-Chloronaphthalene	410.	U	450.	U	390.	U	470.	U
88-74-4	2-Nitroaniline	2000.	U	2200.	U	1900.	U	2300.	U
131-11-3	Dimethyl phthalate	410.	U	450.	U	390.	U	470.	U
208-96-8	Acenaphthylene	410.	U	450.	U	390.	U	470.	U
99-09-2	3-Nitroaniline	2000.	U	2200.	U	1900.	U	2300.	U
83-32-9	Acenaphthene	410.	U	77.	J	390.	U	470.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2200.	U	1900.	U	2300.	U
100-02-7	4-Nitrophenol	2000.	U	2200.	U	1900.	U	2300.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-SVOA

SAMPLE ID ------->		GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02	
ORIGINAL ID ----->		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
LAB SAMPLE ID --->		28114.03		28114.04		28114.05		28114.06	
ID FROM REPORT -->		GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
SAMPLE DATE ----->		01/08/97		01/08/97		01/08/97		01/08/97	
DATE EXTRACTED -->		01/10/97		01/10/97		01/10/97		01/10/97	
DATE ANALYZED --->		01/14/97		01/14/97		01/14/97		01/15/97	
MATRIX ---------->		Soil		Soil		Soil		Soil	
UNITS ---------->		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL
132-64-9	Dibenzofuran	410.	U	450.	U	390.	U	470.	U
121-14-2	2,4-Dinitrotoluene	410.	U	450.	U	390.	U	470.	U
606-20-2	2,6-Dinitrotoluene	410.	U	450.	U	390.	U	470.	U
84-66-2	Diethylphthalate	410.	U	450.	U	390.	U	470.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	450.	U	390.	U	470.	U
86-73-7	Fluorene	410.	U	450.	U	390.	U	470.	U
100-01-6	4-Nitroaniline	2000.	U	2200.	U	1900.	U	2300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2200.	U	1900.	U	2300.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	450.	U	390.	U	470.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	450.	U	390.	U	470.	U
118-74-1	Hexachlorobenzene	410.	U	450.	U	390.	U	470.	U
87-86-5	Pentachlorophenol	2000.	U	2200.	U	1900.	U	2300.	U
85-01-8	Phenanthrene	410.	U	51.	J	75.	J	470.	U
120-12-7	Anthracene	410.	U	160.	J	390.	U	470.	U
84-74-2	Di-n-butylphthalate	410.	U	450.	U	390.	U	470.	U
206-44-0	Fluoranthene	56.	J	600.		240.	J	320.	J
129-00-0	Pyrene	44.	J	470.		170.	J	310.	J
85-68-7	Butylbenzylphthalate	410.	U	450.	U	390.	U	470.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U	900.	U	780.	U	940.	U
56-55-3	Benzo(a)anthracene	50.	J	180.	J	150.	J	100.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	450.	U	390.	U	470.	U
218-01-9	Chrysene	59.	J	200.	J	180.	J	100.	J
117-84-0	Di-n-octyl phthalate	410.	U	450.	U	390.	U	470.	U
205-99-2	Benzo(b)fluoranthene	64.	J	130.	J	170.	J	57.	J
207-08-9	Benzo(k)fluoranthene	42.	J	120.	J	150.	J	110.	J
50-32-8	Benzo(a)pyrene	51.	J	150.	J	170.	J	93.	J
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U	65.	J	95.	J	54.	J
53-70-3	Dibenz(a,h)anthracene	410.	U	450.	U	64.	J	470.	U
191-24-2	Benzo(g,h,i)perylene	41.	J	85.	J	120.	J	60.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	GDG-S-B001-01		GDG-S-B002-01		GDG-S-B002-02 RE		GDG-S-B003-01		GDG-S-B004-01		GDG-S-B004-02	
	ORIGINAL ID ----->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	LAB SAMPLE ID --->	26725.01		26737.01		26737.02		27339.03		27245.02		27245.05	
	ID FROM REPORT -->	GDGSB00101		GDGSB00201		GDGSB00202		GDGSB00301		GDGSB00401		GDGSB00402	
	SAMPLE DATE ----->	08/23/96		08/26/96		08/26/96		10/16/96		10/08/96		10/08/96	
	DATE ANALYZED --->	09/03/96		08/30/96		09/03/96		10/21/96		10/15/96		10/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	26725	VAL	26725	VAL	26725	VAL	27399	VAL	27232	VAL	27232	VAL
74-87-3	Chloromethane	14.	U	12.	UJ	19.	U	12.	UR	12.	U	12.	U
74-83-9	Bromomethane	14.	U	12.	UJ	19.	U	12.	UR	12.	U	12.	U
75-01-4	Vinyl chloride	14.	U	12.	UJ	19.	U	12.	UR	12.	U	12.	U
75-00-3	Chloroethane	14.	U	12.	UJ	19.	U	12.	UR	12.	U	12.	U
75-09-2	Methylene chloride	5.	U	5.	UJ	10.	J	3.	UR	9.	U	6.	U
67-64-1	Acetone	10.	U	12.	UJ	120.	U	20.	UR	18.	U	22.	U
75-15-0	Carbon disulfide	7.	U	6.	UJ	5.	J	6.	UR	6.	U	6.	U
75-35-4	1,1-Dichloroethene	7.	U	6.	UJ	10.	U	6.	UR	6.	U	6.	U
75-34-3	1,1-Dichloroethane	7.	U	6.	UJ	10.	U	6.	UR	6.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	7.	U	6.	UJ	10.	U	6.	UR	6.	U	6.	U
67-66-3	Chloroform	7.	U	6.	UJ	2.	J	6.	UR	6.	U	6.	U
107-06-2	1,2-Dichloroethane	7.	U	6.	UJ	10.	U	6.	UR	6.	U	6.	U
78-93-3	2-Butanone (MEK)	14.	U	12.	UJ	26.	U	12.	UR	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
56-23-5	Carbon tetrachloride	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
108-05-4	Vinyl acetate	14.	U	12.	UJ	19.	UJ	12.	UR	12.	U	12.	U
75-27-4	Bromodichloromethane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
78-87-5	1,2-Dichloropropane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
79-01-6	Trichloroethene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
124-48-1	Dibromochloromethane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
79-00-5	1,1,2-Trichloroethane	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
71-43-2	Benzene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
110-75-8	2-Chloroethyl vinyl ether	14.	UR	12.	UR	19.	UR	12.	UR	12.	U	12.	U
75-25-2	Bromoform	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
591-78-6	2-Hexanone	14.	U	12.	UJ	19.	UJ	12.	UR	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U	12.	UJ	19.	UJ	12.	UR	12.	U	12.	U
127-18-4	Tetrachloroethene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
108-88-3	Toluene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
108-90-7	Chlorobenzene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
100-41-4	Ethylbenzene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
100-42-5	Styrene	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U
1330-20-7	Xylene (Total)	7.	U	6.	UJ	10.	UJ	6.	UR	6.	U	6.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	GDG-S-B005-01		GDG-S-B005-02 RE		GDG-S-B006-01		GDG-S-B006-02		GDG-S-B007-01		GDG-S-B007-02	
	ORIGINAL ID ----->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	LAB SAMPLE ID --->	27339.01		27339.02		27219.01		27219.02		28114.01		28114.02	
	ID FROM REPORT -->	GDGSB00501		GDGSB00502		GDGSB00601		GDGSB00602		GDGSB00701		GDGSB00702	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/04/96		10/04/96		01/08/97		01/08/97	
	DATE ANALYZED --->	10/22/96		10/22/96		10/14/96		10/14/96		01/13/97		01/13/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27399	VAL	27399	VAL	27202	VAL	27202	VAL	28114	VAL	28114	VAL
74-87-3	Chloromethane	11.	U	12.	U	11.	U	13.	U	12.	UJ	14.	U
74-83-9	Bromomethane	11.	U	12.	U	11.	U	13.	U	12.	UJ	14.	U
75-01-4	Vinyl chloride	11.	U	12.	U	11.	U	13.	U	12.	UJ	14.	U
75-00-3	Chloroethane	11.	U	12.	U	11.	U	13.	U	12.	UJ	14.	U
75-09-2	Methylene chloride	6.	U	6.	U	6.	U	13.	U	8.	UJ	7.	U
67-64-1	Acetone	4.	U	12.	U	11.	U	78.	U	12.	J	91.	U
75-15-0	Carbon disulfide	6.	U	6.	U	6.	U	2.	J	6.	UJ	7.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
75-34-3	1,1-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
67-66-3	Chloroform	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
107-06-2	1,2-Dichloroethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
78-93-3	2-Butanone (MEK)	11.	U	12.	U	11.	U	9.	J	12.	UJ	14.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
56-23-5	Carbon tetrachloride	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
108-05-4	Vinyl acetate	11.	U	12.	U	11.	U	13.	U	12.	UJ	14.	U
75-27-4	Bromodichloromethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
78-87-5	1,2-Dichloropropane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
79-01-6	Trichloroethene	6.	U	6.	U	4.	J	6.	U	6.	J	1.	J
124-48-1	Dibromochloromethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
71-43-2	Benzene	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.	U	6.	U	6.	U	6.	UJ	7.	U
110-75-8	2-Chloroethyl vinyl ether	11.	UR	12.	UR	11.	UR	13.	UJ	12.	UJ	14.	U
75-25-2	Bromoform	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
591-78-6	2-Hexanone	11.	U	12.	UJ	11.	U	13.	U	12.	UJ	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	11.	U	12.	UJ	11.	U	13.	U	12.	UJ	14.	U
127-18-4	Tetrachloroethene	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
108-88-3	Toluene	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
108-90-7	Chlorobenzene	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
100-41-4	Ethylbenzene	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
100-42-5	Styrene	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U
1330-20-7	Xylene (Total)	6.	U	6.	UJ	6.	U	6.	U	6.	UJ	7.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SOIL (ONLY)
SITE GDG SOIL SAMPLES

SW846-VOA									
	SAMPLE ID ------->	GDG-S-B008-01		GDG-S-B008-02		GDG-S-B009-01		GDG-S-B009-02	
	ORIGINAL ID ----->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	LAB SAMPLE ID --->	28114.03		28114.04		28114.05		28114.06	
	ID FROM REPORT -->	GDGSB00801		GDGSB00802		GDGSB00901		GDGSB00902	
	SAMPLE DATE ----->	01/08/97		01/08/97		01/08/97		01/08/97	
	DATE ANALYZED --->	01/14/97		01/13/97		01/13/97		01/13/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	28114	VAL	28114	VAL	28114	VAL	28114	VAL
74-87-3	Chloromethane	12.	U	14.	U	12.	U	14.	U
74-83-9	Bromomethane	12.	U	14.	U	12.	U	14.	U
75-01-4	Vinyl chloride	12.	U	14.	U	12.	U	14.	U
75-00-3	Chloroethane	12.	U	14.	U	12.	U	14.	U
75-09-2	Methylene chloride	6.	U	9.	U	7.	U	7.	U
67-64-1	Acetone	10.	U	140.	U	16.	U	91.	U
75-15-0	Carbon disulfide	6.	U	7.	U	6.	U	7.	U
75-35-4	1,1-Dichloroethene	6.	U	7.	U	6.	U	7.	U
75-34-3	1,1-Dichloroethane	6.	U	7.	U	6.	U	7.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	7.	U	6.	U	7.	U
67-66-3	Chloroform	6.	U	7.	U	6.	U	7.	U
107-06-2	1,2-Dichloroethane	6.	U	7.	U	6.	U	7.	U
78-93-3	2-Butanone (MEK)	12.	U	14.	U	12.	U	14.	U
71-55-6	1,1,1-Trichloroethane	6.	U	7.	U	6.	U	7.	U
56-23-5	Carbon tetrachloride	6.	U	7.	U	6.	U	7.	U
108-05-4	Vinyl acetate	12.	U	14.	U	12.	U	14.	U
75-27-4	Bromodichloromethane	6.	U	7.	U	6.	U	7.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	7.	U	6.	U	7.	U
78-87-5	1,2-Dichloropropane	6.	U	7.	U	6.	U	7.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	7.	U	6.	U	7.	U
79-01-6	Trichloroethene	6.	U	7.	U	6.	U	7.	U
124-48-1	Dibromochloromethane	6.	U	7.	U	6.	U	7.	U
79-00-5	1,1,2-Trichloroethane	6.	U	7.	U	6.	U	7.	U
71-43-2	Benzene	6.	U	7.	U	6.	U	7.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	7.	U	6.	U	7.	U
110-75-8	2-Chloroethyl vinyl ether	12.	U	14.	U	12.	U	14.	U
75-25-2	Bromoform	6.	U	7.	U	6.	U	7.	U
591-78-6	2-Hexanone	12.	U	14.	U	12.	U	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	14.	U	12.	U	14.	U
127-18-4	Tetrachloroethene	6.	U	7.	U	6.	U	7.	U
108-88-3	Toluene	6.	U	7.	U	6.	U	7.	U
108-90-7	Chlorobenzene	6.	U	7.	U	6.	U	7.	U
100-41-4	Ethylbenzene	6.	U	7.	U	6.	U	7.	U
100-42-5	Styrene	6.	U	7.	U	6.	U	7.	U
1330-20-7	Xylene (Total)	6.	U	7.	U	6.	U	7.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 HERB

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/26/96
DATE ANALYZED --->	12/12/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27715	VAL
94-75-7	2,4-D	2.9	U
93-72-1	2,4,5-TP (Silvex)	0.97	U
93-76-5	2,4,5-T	1.3	U
88-85-7	Dinoseb	1.7	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 PEST

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/23/96
DATE ANALYZED --->	12/02/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27715	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/22/96
DATE ANALYZED --->	12/10/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27715	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
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
100-02-7	4-Nitrophenol	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/22/96
DATE ANALYZED --->	12/10/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27715	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	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
86-74-8	Carbazole	10.	UR
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.	U
66-27-3	Methyl methanesulfonate	50.	UJ
62-53-3	Aniline	10.	U
10595-95-6	N-Nitrosomethylethylamine	10.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U
55-18-5	N-Nitrosodiethylamine	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/22/96
DATE ANALYZED --->	12/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27715	VAL
62-50-0	Ethyl methanesulfonate	10.	UJ
109-06-8	2-Picoline	10.	UJ
98-86-2	Acetophenone	10.	U
930-55-2	N-Nitrosopyrrolidine	10.	U
108-39-4	3-Methylphenol (m-Cresol)	10.	U
59-89-2	N-Nitrosomorpholine	10.	U
95-53-4	o-Toluidine	10.	UJ
119-93-7	3,3-Dimethylbenzidine	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	UR
100-75-4	N-Nitrosopiperidine	10.	U
126-68-1	O,O,O-Triethylphosphorothioate	10.	U
122-09-8	a,a-Dimethylphenethylamine	10.	U
87-65-0	2,6-Dichlorophenol	10.	U
1888-71-7	Hexachloropropene	10.	U
106-50-3	p-Phenylenediamine	50.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	U
94-59-7	Safrole	10.	U
120-58-1	Isosafrole	10.	U
130-15-4	1,4-Naphthoquinone	10.	U
99-65-0	1,3-Dinitrobenzene	10.	U
58-90-2	2,3,4,6-Tetrachlorophenol	10.	U
608-93-5	Pentachlorobenzene	10.	U
134-32-7	1-Naphthylamine	10.	U
56-57-5	4-Nitroquinoline 1-oxide	50.	U
91-59-8	2-Naphthylamine	10.	U
297-97-2	Thionazin	20.	U
99-55-8	5-Nitro-o-toluidine	10.	U
122-39-4	Diphenylamine	10.	UJ
3689-24-5	Sulfotep	20.	U
99-35-4	1,3,5-Trinitrobenzene	10.	U
298-02-2	Phorate	10.	UJ
62-44-2	Phenacetin	10.	U
2303-16-4	Diallate	10.	U
60-51-5	Dimethoate	10.	U
92-67-1	4-Aminobiphenyl	10.	U
23950-58-5	Pronamide	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/22/96
DATE ANALYZED --->	12/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27715	VAL
82-68-8	Pentachloronitrobenzene	50.	U
298-04-4	Disulfoton	10.	U
88-85-7	Dinoseb	10.	U
298-00-0	Methyl parathion	20.	U
56-38-2	Parathion	20.	U
91-80-5	Methapyrilene	20.	U
465-73-6	Isodrin	20.	U
140-57-8	Aramite	50.	UR
60-11-7	p-(Dimethylamino)azobenzene	10.	U
510-15-6	Chlorobenzilate	10.	U
143-50-0	Kepone	50.	U
52-85-7	Famphur	10.	U
53-96-3	Acetamidofluorene	10.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U
70-30-4	Hexachlorophene	200.	UR
56-49-5	3-Methyl cholanthrene	10.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE ANALYZED --->	11/25/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27715	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.	UJ
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)	8.	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
75-27-4	Bromodichloromethane	5.	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
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
108-05-4	Vinyl acetate	10.	UR
110-75-8	2-Chloroethyl vinyl ether	10.	U
107-02-8	Acrolein	50.	UR
74-88-4	Methyl iodide	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE ANALYZED --->	11/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27715	VAL
76-01-7	Pentachloroethane	5.	U
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-05-8	Acetonitrile	200.	UR
107-13-1	Acrylonitrile	50.	U
107-12-0	Propionitrile	100.	U
126-98-7	Methacrylonitrile	100.	U
78-83-1	Isobutyl alcohol	200.	UR
123-91-1	1,4-Dioxane	500.	UR
80-62-6	Methyl methacrylate	5.	U
97-63-2	Ethyl methacrylate	5.	U
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
75-71-8	Dichlorodifluoromethane	5.	UJ
75-69-4	Trichlorofluoromethane	5.	U
74-95-3	Methylene bromide	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

CYANIDE

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/27/96
DATE ANALYZED --->	12/02/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27715	VAL
57-12-5	Cyanide (CN)	2.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

HERB											
	SAMPLE ID ------->	003-G-W001-01		003-G-W002-01		003-G-W003-01					
	ORIGINAL ID ----->	003GW00101		003GW00201		003GW00301					
	LAB SAMPLE ID --->	27715.02		27735.01		27715.01					
	ID FROM REPORT -->	003GW00101		003GW00201		003GW00301					
	SAMPLE DATE ----->	11/20/96		11/21/96		11/20/96					
	DATE EXTRACTED -->	11/21/96		11/26/96		11/21/96					
	DATE ANALYZED --->	11/27/96		12/12/96		11/27/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	27715	VAL	27715	VAL	27715	VAL				
75-99-0	Dalapon	2.1	U	1.2	U	2.1	U				
1918-00-9	Dicamba	2.3	U	0.8	U	2.3	U				
93-65-2	MCPP	610.	U	500.	U	610.	U				
94-74-6	MCPA	490.	U	500.	U	490.	U				
120-36-5	Dichlorprop	2.6	U	2.4	U	2.6	U				
94-75-7	2,4-D	2.9	U	1.6	U	2.9	U				
93-72-1	2,4,5-TP (Silvex)	0.97	U	0.6	U	0.97	U				
93-76-5	2,4,5-T	1.3	U	0.6	U	1.3	U				
88-85-7	Dinoseb	1.7	U	0.6	U	1.7	U				
94-82-6	2,4-DB	4.	U	5.	U	4.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

HEXACHROME							
	SAMPLE ID ------->	003-H-W002-01					
	ORIGINAL ID ----->	003HW00201					
	LAB SAMPLE ID --->	27736.01					
	ID FROM REPORT -->	003HW00201					
	SAMPLE DATE ----->	11/21/96					
	DATE EXTRACTED -->	11/22/96					
	DATE ANALYZED --->	11/22/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	27715	VAL				
18540-29-9	Chromium (Hexavalent)	0.05	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

SW846-DIOX

SAMPLE ID ------->	003-H-W002-01
ORIGINAL ID ----->	003HW00201
LAB SAMPLE ID --->	27736.01
ID FROM REPORT -->	003HW00201
SAMPLE DATE ----->	11/21/96
DATE EXTRACTED -->	11/25/96
DATE ANALYZED --->	12/03/96
MATRIX ---------->	Water
UNITS ---------->	PG/L

CAS #	Parameter	27715	VAL
1746-01-6	2378-TCDD	3.44	U
40321-76-4	12378-PeCDD	3.44	U
39227-28-6	123478-HxCDD	5.91	U
57653-85-7	123678-HxCDD	4.92	U
19408-74-3	123789-HxCDD	4.96	U
35822-46-9	1234678-HpCDD	4.49	U
3268-87-9	OCDD	22.2	U
51207-31-9	2378-TCDF	3.19	U
57117-41-6	12378-PeCDF	1.61	U
57117-31-4	23478-PeCDF	1.72	U
70648-26-9	123478-HxCDF	2.76	U
57117-44-9	123678-HxCDF	2.25	U
72918-21-9	123789-HxCDF	3.	U
60851-34-5	234678-HxCDF	2.76	U
67562-39-4	1234678-HpCDF	2.23	U
55673-89-7	1234789-HpCDF	2.66	U
39001-02-0	OCDF	2.87	U
41903-57-5	Total Tetra-Dioxins	3.44	U
36088-22-9	Total Penta-Dioxins	3.44	U
34465-46-8	Total Hexa-Dioxins	4.92	U
37871-00-4	Total Hepta-Dioxins	4.49	U
55722-27-5	Total Tetra-Furans	3.19	U
30602-15-4	Total Penta-Furans	1.72	U
55684-94-1	Total Hexa-Furans	2.25	U
38998-75-3	Total Hepta-Furans	2.23	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	003-G-W001-01		003-G-W001-02		003-G-W002-01		003-H-W002-01		003-G-W002-02		003-H-W002-02	
	ORIGINAL ID ----->	003GW00101		003GW00102		003GW00201		003HW00201		003GW00202		003HW00202	
	LAB SAMPLE ID --->	27715.02		29388.05		27735.01		27736.01		29388.06		29388.07	
	ID FROM REPORT -->	003GW00101		003GW00102		003GW00201		003HW00201		003GW00202		003HW00202	
	SAMPLE DATE ----->	11/20/96		05/15/97		11/21/96		11/21/96		05/15/97		05/15/97	
	DATE EXTRACTED -->	11/27/96		05/19/97		11/27/96		11/27/96		05/19/97		05/19/97	
	DATE ANALYZED --->	12/01/96		05/28/97		12/01/96		12/01/96		05/28/97		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27715	VAL	29360	VAL	27715	VAL	27715	VAL	29360	VAL	29360	VAL
7429-90-5	Aluminum (Al)	9930.		202.		2410.		2520.		109.		108.	
7440-36-0	Antimony (Sb)	2.1	U	4.7	U	4.9	U	3.9	U	2.2	U	1.6	U
7440-38-2	Arsenic (As)	9.6	J	2.1	U	3.3	J	2.9	J	2.1	U	2.1	U
7440-39-3	Barium (Ba)	76.9	J	29.1		34.4	J	34.4	J	18.		16.1	
7440-41-7	Beryllium (Be)	1.1	J	0.2	J	0.54	J	0.55	J	0.37	J	0.35	J
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	0.5	U	0.5	U	0.3	U	0.3	U
7440-70-2	Calcium (Ca)	65100.		47800.		5500.		5500.		3430.		3120.	
7440-47-3	Chromium (Cr)	20.4		1.	U	5.6	J	5.6	J	1.	U	1.	U
7440-48-4	Cobalt (Co)	5.9	J	0.8	U	5.2	J	5.6	J	2.6	J	2.7	J
7440-50-8	Copper (Cu)	6.8	J	64.8		3.5	U	2.7	J	6.8	U	1.4	U
7439-89-6	Iron (Fe)	15100.		371.		3430.		3490.		66.3	J	60.9	J
7439-92-1	Lead (Pb)	7.6	J	0.9	U	2.8	J	1.7	U	0.9	U	0.9	U
7439-95-4	Magnesium (Mg)	9370.		8680.		1700.	J	1700.	J	1000.		878.	
7439-96-5	Manganese (Mn)	199.		80.9		189.		188.		107.		98.3	
7439-97-6	Mercury (Hg)	0.2	U	0.1	U	0.2	U	0.2	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	10.	J	0.7	U	4.7	J	5.	J	1.2	J	0.85	J
7440-09-7	Potassium (K)	1600.	U	737.	J	1600.	U	672.	J	560.	U	560.	U
7782-49-2	Selenium (Se)	2.8	UJ	3.4	U	2.8	UJ	2.8	U	3.4	U	3.4	U
7440-22-4	Silver (Ag)	1.2	U	1.	U	1.2	U	1.2	U	2.	U	1.	U
7440-23-5	Sodium (Na)	18400.		19200.		9600.		9610.		9020.		8160.	
7440-28-0	Thallium (Tl)	3.5	J	5.	U	2.9	J	2.7	U	5.	U	5.	U
7440-31-5	Tin (Sn)	4.7	U	14.	U	3.5	U	3.8	U	14.	U	14.	U
7440-62-2	Vanadium (V)	31.4	J	1.3	J	6.9	U	7.1	J	1.1	U	1.1	U
7440-66-6	Zinc (Zn)	33.7	U	5.8	U	18.8	U	15.7	U	5.8	U	6.6	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

SW846-META

SAMPLE ID ------->	003-G-W003-01
ORIGINAL ID ----->	003GW00301
LAB SAMPLE ID --->	27715.01
ID FROM REPORT -->	003GW00301
SAMPLE DATE ----->	11/20/96
DATE EXTRACTED -->	11/27/96
DATE ANALYZED --->	12/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27715	VAL
7429-90-5	Aluminum (Al)	15200.	
7440-36-0	Antimony (Sb)	4.	U
7440-38-2	Arsenic (As)	9.7	J
7440-39-3	Barium (Ba)	77.1	J
7440-41-7	Beryllium (Be)	1.1	J
7440-43-9	Cadmium (Cd)	0.5	U
7440-70-2	Calcium (Ca)	41100.	
7440-47-3	Chromium (Cr)	31.6	
7440-48-4	Cobalt (Co)	6.6	J
7440-50-8	Copper (Cu)	6.7	J
7439-89-6	Iron (Fe)	22800.	
7439-92-1	Lead (Pb)	12.5	J
7439-95-4	Magnesium (Mg)	7640.	
7439-96-5	Manganese (Mn)	544.	
7439-97-6	Mercury (Hg)	0.2	U
7440-02-0	Nickel (Ni)	10.7	J
7440-09-7	Potassium (K)	3300.	J
7782-49-2	Selenium (Se)	6.	J
7440-22-4	Silver (Ag)	1.2	U
7440-23-5	Sodium (Na)	38200.	
7440-28-0	Thallium (Tl)	2.8	J
7440-31-5	Tin (Sn)	3.9	U
7440-62-2	Vanadium (V)	46.7	J
7440-66-6	Zinc (Zn)	43.3	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

SW846-OP P									
	SAMPLE ID ------->	003-G-W001-01		003-G-W002-01		003-H-W002-01		003-G-W003-01	
	ORIGINAL ID ----->	003GW00101		003GW00201		003HW00201		003GW00301	
	LAB SAMPLE ID --->	27715.02		27735.01		27736.01		27715.01	
	ID FROM REPORT -->	003GW00101		003GW00201		003HW00201		003GW00301	
	SAMPLE DATE ----->	11/20/96		11/21/96		11/21/96		11/20/96	
	DATE EXTRACTED -->	11/22/96		11/23/96		11/23/96		11/22/96	
	DATE ANALYZED --->	12/05/96		12/05/96		12/05/96		12/05/96	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27715	VAL	27715	VAL	27715	VAL	27715	VAL
298-02-2	Phorate	2.	U	2.	U	2.	U	2.	U
298-04-4	Disulfoton	3.7	U	3.7	U	3.7	U	3.7	U
298-00-0	Methyl parathion	0.5	U	0.5	U	0.5	U	0.5	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 003 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST																	
	SAMPLE ID ------->	003-G-W001-01		003-G-W001-02		003-G-W002-01		003-G-W002-02		003-H-W002-02		003-G-W003-01	
	ORIGINAL ID ----->	003GW00101		003GW00102		003GW00201		003GW00202		003HW00202		003GW00301	
	LAB SAMPLE ID --->	27715.02		29388.05		27735.01		29388.06		29388.07		27715.01	
	ID FROM REPORT -->	003GW00101		003GW00102		003GW00201		003GW00202		003HW00202		003GW00301	
	SAMPLE DATE ----->	11/20/96		05/15/97		11/21/96		05/15/97		05/15/97		11/20/96	
	DATE EXTRACTED -->	11/22/96		05/16/97		11/23/96		05/16/97		05/16/97		11/22/96	
	DATE ANALYZED --->	12/03/96		05/28/97		12/02/96		05/28/97		05/28/97		12/03/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27715	VAL	29360	VAL	27715	VAL	29360	VAL	29360	VAL	27715	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	U	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	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	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	0.04	U
309-00-2	Aldrin	0.04	U	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	0.04	U
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-55-9	4,4'-DDE	0.08	U	0.08	U	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	0.08	U
33213-65-9	Endosulfan II	0.08	U	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	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U	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	0.08	U
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
53494-70-5	Endrin ketone	0.08	U	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	U	0.08	U	0.08	U	0.08	U	0.08	U
5103-71-9	alpha-Chlordane	0.04	U	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	0.04	U
8001-35-2	Toxaphene	2.5	U	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	1.	U
11104-28-2	Aroclor-1221	1.	U	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	1.	U
53469-21-9	Aroclor-1242	1.	U	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	1.	U
11097-69-1	Aroclor-1254	2.	U	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	2.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 HERB

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/17/96
DATE ANALYZED --->	11/19/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27581	VAL
94-75-7	2,4-D	2.9	U
93-72-1	2,4,5-TP (Silvex)	0.97	U
93-76-5	2,4,5-T	1.3	U
88-85-7	Dinoseb	1.7	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 PEST

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/17/96
DATE ANALYZED --->	11/27/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27581	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APK9 SVOA

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	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
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
100-02-7	4-Nitrophenol	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	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	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	2.	J
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	UR
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.	U
66-27-3	Methyl methanesulfonate	50.	UJ
62-53-3	Aniline	10.	U
10595-95-6	N-Nitrosomethylethylamine	10.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U
55-18-5	N-Nitrosodiethylamine	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-M-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	VAL
62-50-0	Ethyl methanesulfonate	10.	UJ
109-06-8	2-Picoline	10.	U
98-86-2	Acetophenone	10.	U
930-55-2	N-Nitrosopyrrolidine	10.	UJ
108-39-4	3-Methylphenol (m-Cresol)	10.	U
59-89-2	N-Nitrosomorpholine	10.	U
95-53-4	o-Toluidine	10.	U
119-93-7	3,3-Dimethylbenzidine	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	UR
100-75-4	N-Nitrosopiperidine	10.	U
126-68-1	O,O,O-Triethylphosphorothioate	10.	U
122-09-8	a,a-Dimethylphenethylamine	10.	U
87-65-0	2,6-Dichlorophenol	10.	UJ
1888-71-7	Hexachloropropene	10.	UJ
106-50-3	p-Phenylenediamine	50.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	UJ
94-59-7	Safrole	10.	U
120-58-1	Isosafrole	10.	UJ
130-15-4	1,4-Naphthoquinone	10.	U
99-65-0	1,3-Dinitrobenzene	10.	UJ
58-90-2	2,3,4,6-Tetrachlorophenol	10.	U
608-93-5	Pentachlorobenzene	10.	UJ
134-32-7	1-Naphthylamine	10.	U
56-57-5	4-Nitroquinoline 1-oxide	50.	U
91-59-8	2-Naphthylamine	10.	U
297-97-2	Thionazin	20.	U
99-55-8	5-Nitro-o-toluidine	10.	U
122-39-4	Diphenylamine	10.	UJ
3689-24-5	Sulfotep	20.	UR
99-35-4	1,3,5-Trinitrobenzene	10.	U
298-02-2	Phorate	10.	UJ
62-44-2	Phenacetin	10.	U
2303-16-4	Diallate	10.	U
60-51-5	Dimethoate	10.	U
92-67-1	4-Aminobiphenyl	10.	U
23950-58-5	Pronamide	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	VAL
82-68-8	Pentachloronitrobenzene	50.	UJ
298-04-4	Disulfoton	10.	U
88-85-7	Dinoseb	10.	U
298-00-0	Methyl parathion	20.	UJ
56-38-2	Parathion	20.	U
91-80-5	Methapyrilene	20.	U
465-73-6	Isodrin	20.	U
140-57-8	Aramite	50.	UR
60-11-7	p-(Dimethylamino)azobenzene	10.	U
510-15-6	Chlorobenzilate	10.	U
143-50-0	Kepone	50.	U
52-85-7	Famphur	10.	UR
53-96-3	Acetamidofluorene	10.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U
70-30-4	Hexachlorophene	200.	UR
56-49-5	3-Methyl cholanthrene	10.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE ANALYZED --->	11/19/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	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
75-27-4	Bromodichloromethane	5.	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
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
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR
107-02-8	Acrolein	50.	UR
74-88-4	Methyl iodide	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE ANALYZED --->	11/19/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27581	VAL
76-01-7	Pentachloroethane	5.	U
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-05-8	Acetonitrile	200.	U
107-13-1	Acrylonitrile	50.	U
107-12-0	Propionitrile	100.	UR
126-98-7	Methacrylonitrile	100.	U
78-83-1	Isobutyl alcohol	200.	UR
123-91-1	1,4-Dioxane	500.	UR
80-62-6	Methyl methacrylate	5.	U
97-63-2	Ethyl methacrylate	5.	U
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
75-71-8	Dichlorodifluoromethane	5.	U
75-69-4	Trichlorofluoromethane	5.	U
74-95-3	Methylene bromide	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

CYANIDE							
	SAMPLE ID ------->	006-H-W004-01					
	ORIGINAL ID ----->	006HW00401					
	LAB SAMPLE ID --->	27636.01					
	ID FROM REPORT -->	006HW00401					
	SAMPLE DATE ----->	11/14/96					
	DATE EXTRACTED -->	11/21/96					
	DATE ANALYZED --->	11/23/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	27581	VAL				
57-12-5	Cyanide (CN)	2.7	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

HEXACHROME

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/15/96
MATRIX ---------->	Water
UNITS ----------->	MG/L

CAS #	Parameter	27581	VAL
18540-29-9	Chromium (Hexavalent)	0.05	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-DIOX

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/15/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ---------->	PG/L

CAS #	Parameter	27581	VAL
1746-01-6	2378-TCDD	1.09	U
40321-76-4	12378-PeCDD	1.23	U
39227-28-6	123478-HxCDD	0.916	U
57653-85-7	123678-HxCDD	0.762	U
19408-74-3	123789-HxCDD	0.768	U
35822-46-9	1234678-HpCDD	1.12	U
3268-87-9	OCDD	37.2	U
51207-31-9	2378-TCDF	1.38	U
57117-41-6	12378-PeCDF	0.683	U
57117-31-4	23478-PeCDF	0.729	U
70648-26-9	123478-HxCDF	0.621	U
57117-44-9	123678-HxCDF	0.505	U
72918-21-9	123789-HxCDF	0.673	U
60851-34-5	234678-HxCDF	2.67	U
67562-39-4	1234678-HpCDF	1.15	U
55673-89-7	1234789-HpCDF	0.89	U
39001-02-0	OCDF	2.02	U
41903-57-5	Total Tetra-Dioxins	1.09	U
36088-22-9	Total Penta-Dioxins	1.23	U
34465-46-8	Total Hexa-Dioxins	0.762	U
37871-00-4	Total Hepta-Dioxins	4.27	
55722-27-5	Total Tetra-Furans	1.38	U
30602-15-4	Total Penta-Furans	0.729	U
55684-94-1	Total Hexa-Furans	2.67	
38998-75-3	Total Hepta-Furans	0.746	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	006-G-W001-01		006-G-W001-02		006-G-W002-01		006-G-W002-02		006-G-W003-01		006-G-W003-02	
	ORIGINAL ID ----->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	LAB SAMPLE ID --->	27635.05		29360.02		27635.06		29360.01		27635.09		29388.01	
	ID FROM REPORT -->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	SAMPLE DATE ----->	11/14/96		05/14/97		11/14/96		05/14/97		11/14/96		05/15/97	
	DATE EXTRACTED -->	11/19/96		05/19/97		11/19/96		05/19/97		11/19/96		05/19/97	
	DATE ANALYZED --->	11/21/96		05/28/97		11/21/96		05/28/97		11/21/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	VAL
7429-90-5	Aluminum (Al)	2400.		27.8	U	136.		226.		394.		160.	
7440-36-0	Antimony (Sb)	2.1	U	3.1	U	2.1	U	4.	U	2.1	U	2.8	U
7440-38-2	Arsenic (As)	8.5	J	2.1	U	6.1	J	2.1	U	269.		560.	
7440-39-3	Barium (Ba)	54.	J	19.9		38.4	J	39.5		302.	J	400.	
7440-41-7	Beryllium (Be)	1.4	J	0.2	J	1.2	J	0.48	J	0.92	J	0.3	J
7440-43-9	Cadmium (Cd)	2.2	U	0.3	U	2.2	U	0.38	J	2.2	U	0.76	J
7440-70-2	Calcium (Ca)	279000.		198000.		170000.		156000.		284000.		226000.	
7440-47-3	Chromium (Cr)	9.2	J	1.	U	1.9	U	1.	U	0.86	J	2.	U
7440-48-4	Cobalt (Co)	2.2	J	0.8	U	1.5	J	1.9	J	0.9	U	0.8	U
7440-50-8	Copper (Cu)	4.9	U	1.4	U	1.4	U	1.4	U	1.4	U	79.5	
7439-89-6	Iron (Fe)	12400.		3420.		17600.		15500.		75100.		62900.	
7439-92-1	Lead (Pb)	4.9		0.9	U	2.2	J	0.9	U	2.3	J	0.9	U
7439-95-4	Magnesium (Mg)	562000.		59600.		634000.		552000.		163000.		114000.	
7439-96-5	Manganese (Mn)	1610.		864.		720.		615.		1590.		1100.	
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	4.5	U	0.7	U	1.8	U	0.7	U	1.3	U	0.7	U
7440-09-7	Potassium (K)	151000.		28500.		193000.		169000.		52900.		49600.	
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U	5.3		3.4	U
7440-22-4	Silver (Ag)	1.2	U	1.5	U	1.2	U	1.8	U	1.2	U	1.	U
7440-23-5	Sodium (Na)	4430000.		242000.		5530000.		4870000.		1260000.		1070000.	
7440-28-0	Thallium (Tl)	6.8	U	5.	U	2.8	U	6.7	J	7.9	U	6.8	J
7440-31-5	Tin (Sn)	7.	U	14.	U	5.6	U	14.	U	5.2	U	14.	U
7440-62-2	Vanadium (V)	13.5	J	1.9	J	1.8	J	3.3	J	1.1	J	1.1	U
7440-66-6	Zinc (Zn)	5.3	U	5.8	U	5.3	U	5.8	U	5.4	J	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	006-G-W004-01		006-H-W004-01		006-G-W004-02		006-H-W004-02		006-G-W005-01		006-G-W005-02	
	ORIGINAL ID ----->	006GW00401		006HW00401		006GW00402		006HW00402		006GW00501		006GW00502	
	LAB SAMPLE ID --->	27635.02		27636.01		29388.02		29388.03		27635.03		29388.04	
	ID FROM REPORT -->	006GW00401		006HW00401		006GW00402		006HW00402		006GW00501		006GW00502	
	SAMPLE DATE ----->	11/14/96		11/14/96		05/15/97		05/15/97		11/14/96		05/15/97	
	DATE EXTRACTED -->	11/19/96		11/19/96		05/19/97		05/19/97		11/19/96		05/19/97	
	DATE ANALYZED --->	11/21/96		11/21/96		05/28/97		05/28/97		11/21/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	27581	VAL	29360	VAL	29360	VAL	27581	VAL	29360	VAL
7429-90-5	Aluminum (Al)	2310.		251.		61.8	J	87.8	J	191.		278.	
7440-36-0	Antimony (Sb)	2.1	U	2.1	U	4.3	U	3.9	U	2.1	U	3.5	U
7440-38-2	Arsenic (As)	28.9		14.5		6.2	J	6.6	J	7.2	J	2.1	U
7440-39-3	Barium (Ba)	245.	J	171.		270.		276.		41.	J	32.9	
7440-41-7	Beryllium (Be)	0.69	J	1.2	J	0.29	J	0.24	J	1.1	J	0.33	J
7440-43-9	Cadmium (Cd)	2.2	U	2.2	U	0.6	J	0.75	J	2.2	U	0.3	U
7440-70-2	Calcium (Ca)	210000.		205000.		211000.		216000.		157000.		127000.	
7440-47-3	Chromium (Cr)	5.8	J	2.	U	1.	U	1.	U	3.1	U	2.7	U
7440-48-4	Cobalt (Co)	0.96	J	2.4	J	0.8	U	0.8	U	1.2	J	1.7	J
7440-50-8	Copper (Cu)	17.2	U	1.4	U	1.4	U	1.4	U	2.4	U	1.4	U
7439-89-6	Iron (Fe)	66200.		47200.		52900.		54000.		16800.		13400.	
7439-92-1	Lead (Pb)	7.		1.7	U	0.9	U	0.9	U	1.8	J	0.9	U
7439-95-4	Magnesium (Mg)	176000.	J	544000.	J	169000.		172000.		614000.		470000.	
7439-96-5	Manganese (Mn)	500.		608.		615.		628.		488.		378.	
7439-97-6	Mercury (Hg)	0.1	U	0.1	J	0.1	U	0.1	U	0.1	J	0.1	U
7440-02-0	Nickel (Ni)	2.8	U	2.1	U	0.7	U	0.7	U	3.9	U	2.4	J
7440-09-7	Potassium (K)	76800.		140000.		69100.		69400.		189000.		142000.	
7782-49-2	Selenium (Se)	3.1	J	2.8	U	3.4	U	3.4	U	2.8	U	3.4	U
7440-22-4	Silver (Ag)	1.2	U	5.	J	1.	U	3.6	U	1.2	U	1.	U
7440-23-5	Sodium (Na)	1450000.	J	4010000.	J	1450000.		1450000.		5040000.		4000000.	
7440-28-0	Thallium (Tl)	5.3	U	5.7	U	9.3	J	9.	J	4.1	U	6.3	J
7440-31-5	Tin (Sn)	4.6	U	6.5	U	14.	U	14.	U	6.4	U	14.	U
7440-62-2	Vanadium (V)	7.7	J	3.1	J	1.4	J	1.7	J	1.7	J	4.	J
7440-66-6	Zinc (Zn)	49.9		5.3	U	5.8	U	5.8	U	5.3	U	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-META											
	SAMPLE ID ------->	006-G-W006-01		006-G-W006-02		006-G-W007-01		006-G-W007-02			
	ORIGINAL ID ----->	006GW00601		006GW00602		006GW00701		006GW00702			
	LAB SAMPLE ID --->	27635.04		29403.04		27635.01		29403.05			
	ID FROM REPORT -->	006GW00601		006GW00602		006GW00701		006GW00702			
	SAMPLE DATE ----->	11/14/96		05/16/97		11/14/96		05/16/97			
	DATE EXTRACTED -->	11/19/96		05/19/97		11/19/96		05/19/97			
	DATE ANALYZED --->	11/21/96		05/28/97		11/21/96		05/28/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL		
7429-90-5	Aluminum (Al)	758.		16.7	U	18.2	J	20.3	U		
7440-36-0	Antimony (Sb)	4.	U	3.7	U	2.1	U	1.6	U		
7440-38-2	Arsenic (As)	10.1		4.9	J	17.8		4.3	J		
7440-39-3	Barium (Ba)	51.7	J	18.9		15.7	J	11.3			
7440-41-7	Beryllium (Be)	1.4	J	0.26	J	0.36	J	0.2	U		
7440-43-9	Cadmium (Cd)	2.2	U	0.3	U	2.2	U	0.3	U		
7440-70-2	Calcium (Ca)	165000.		88700.		118000.		102000.			
7440-47-3	Chromium (Cr)	5.1	J	1.	U	2.4	U	1.4	U		
7440-48-4	Cobalt (Co)	4.5	J	0.82	J	0.9	U	0.98	J		
7440-50-8	Copper (Cu)	1.4	U	1.4	U	1.4	U	1.4	U		
7439-89-6	Iron (Fe)	17300.		5330.		6590.		3020.			
7439-92-1	Lead (Pb)	1.8	J	0.9	U	3.3		0.9	U		
7439-95-4	Magnesium (Mg)	714000.		278000.		214000.		133000.			
7439-96-5	Manganese (Mn)	1000.		118.		849.		669.			
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.1	U	0.1	U		
7440-02-0	Nickel (Ni)	55.1		0.7	U	2.9	U	1.4	J		
7440-09-7	Potassium (K)	203000.		105000.		73100.		49300.			
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U		
7440-22-4	Silver (Ag)	5.9	J	1.	U	1.2	U	2.8	U		
7440-23-5	Sodium (Na)	6040000.		2710000.		1290000.		893000.			
7440-28-0	Thallium (Tl)	2.7	U	5.	U	5.9	U	5.	U		
7440-31-5	Tin (Sn)	5.7	U	14.	U	7.3	U	14.	U		
7440-62-2	Vanadium (V)	5.6	J	1.4	J	0.59	J	3.	J		
7440-66-6	Zinc (Zn)	5.3	U	5.8	U	5.3	U	5.8	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-OP P

SAMPLE ID ------->	006-H-W004-01
ORIGINAL ID ----->	006HW00401
LAB SAMPLE ID --->	27636.01
ID FROM REPORT -->	006HW00401
SAMPLE DATE ----->	11/14/96
DATE EXTRACTED -->	11/19/96
DATE ANALYZED --->	12/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27581	VAL
298-02-2	Phorate	2.	U
298-04-4	Disulfoton	3.7	U
298-00-0	Methyl parathion	0.5	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	006-G-W001-01		006-G-W001-02		006-G-W002-01		006-G-W002-02		006-G-W003-01		006-G-W003-02	
	ORIGINAL ID ----->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	LAB SAMPLE ID --->	27635.05		29360.02		27635.06		29360.01		27635.09		29388.01	
	ID FROM REPORT -->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	SAMPLE DATE ----->	11/14/96		05/14/97		11/14/96		05/14/97		11/14/96		05/15/97	
	DATE EXTRACTED -->	11/17/96		05/16/97		11/17/96		05/16/97		11/17/96		05/16/97	
	DATE ANALYZED --->	11/22/96		05/20/97		11/22/96		05/20/97		11/22/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	U	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	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	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	0.04	U
309-00-2	Aldrin	0.04	U	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	0.04	U
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-55-9	4,4'-DDE	0.08	U	0.08	U	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	0.08	U
33213-65-9	Endosulfan II	0.08	U	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	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U	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	0.08	U
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
53494-70-5	Endrin ketone	0.08	U	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	U	0.08	U	0.08	U	0.08	U	0.08	U
5103-71-9	alpha-Chlordane	0.04	U	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	0.04	U
8001-35-2	Toxaphene	2.5	U	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	1.	U
11104-28-2	Aroclor-1221	1.	U	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	1.	U
53469-21-9	Aroclor-1242	1.	U	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	1.	U
11097-69-1	Aroclor-1254	2.	U	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	2.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	006-G-W004-01		006-G-W004-02		006-H-W004-02		006-G-W005-01		006-G-W005-02		006-G-W006-01	
	ORIGINAL ID ----->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	LAB SAMPLE ID --->	27635.02		29388.02		29388.03		27635.03		29388.04		27635.04	
	ID FROM REPORT -->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	SAMPLE DATE ----->	11/14/96		05/15/97		05/15/97		11/14/96		05/15/97		11/14/96	
	DATE EXTRACTED -->	11/17/96		05/16/97		05/16/97		11/17/96		05/16/97		11/17/96	
	DATE ANALYZED --->	11/22/96		05/28/97		05/28/97		11/22/96		05/28/97		11/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL
319-84-6	alpha-BHC	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
319-85-7	beta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
319-86-8	delta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
76-44-8	Heptachlor	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
309-00-2	Aldrin	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
1024-57-3	Heptachlor epoxide	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
959-98-8	Endosulfan I	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
60-57-1	Dieldrin	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
72-55-9	4,4'-DDE	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
72-20-8	Endrin	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
33213-65-9	Endosulfan II	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
72-54-8	4,4'-DDD	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.1		0.08	UJ
1031-07-8	Endosulfan sulfate	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
50-29-3	4,4'-DDT	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
72-43-5	Methoxychlor	0.38	U	0.38	UJ	0.38	U	0.38	UJ	0.38	U	0.38	UJ
53494-70-5	Endrin ketone	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
7421-93-4	Endrin aldehyde	0.08	U	0.08	UJ	0.08	U	0.08	UJ	0.08	U	0.08	UJ
5103-71-9	alpha-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
5103-74-2	gamma-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	UJ	0.04	U	0.04	UJ
8001-35-2	Toxaphene	2.5	U	2.5	UJ	2.5	U	2.5	UJ	2.5	U	2.5	UJ
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ
11104-28-2	Aroclor-1221	1.	U	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	U	1.	UJ	1.	U	1.	UJ
11097-69-1	Aroclor-1254	2.	U	2.	UJ	2.	U	2.	UJ	2.	U	2.	UJ
11096-82-5	Aroclor-1260	2.	U	2.	UJ	2.	U	2.	UJ	2.	U	2.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST											
	SAMPLE ID ------->	006-G-W006-02		006-G-W007-01		006-G-W007-02					
	ORIGINAL ID ----->	006GW00602		006GW00701		006GW00702					
	LAB SAMPLE ID --->	29403.04		27635.01		29403.05					
	ID FROM REPORT -->	006GW00602		006GW00701		006GW00702					
	SAMPLE DATE ----->	05/16/97		11/14/96		05/16/97					
	DATE EXTRACTED -->	05/19/97		11/17/96		05/19/97					
	DATE ANALYZED --->	05/24/97		11/22/96		05/24/97					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	29360	VAL	27581	VAL	29360	VAL				
319-84-6	alpha-BHC	0.04	UJ	0.04	U	0.04	UJ				
319-85-7	beta-BHC	0.04	UJ	0.04	U	0.04	UJ				
319-86-8	delta-BHC	0.04	UJ	0.04	U	0.04	UJ				
58-89-9	gamma-BHC (Lindane)	0.04	UJ	0.04	U	0.04	UJ				
76-44-8	Heptachlor	0.04	UJ	0.04	U	0.04	UJ				
309-00-2	Aldrin	0.04	UJ	0.04	U	0.04	UJ				
1024-57-3	Heptachlor epoxide	0.04	UJ	0.04	U	0.04	UJ				
959-98-8	Endosulfan I	0.04	UJ	0.04	U	0.04	UJ				
60-57-1	Dieldrin	0.08	UJ	0.08	U	0.08	UJ				
72-55-9	4,4'-DDE	0.08	UJ	0.08	U	0.08	UJ				
72-20-8	Endrin	0.08	UJ	0.08	U	0.08	UJ				
33213-65-9	Endosulfan II	0.08	UJ	0.08	U	0.08	UJ				
72-54-8	4,4'-DDD	0.08	UJ	0.08	U	0.08	UJ				
1031-07-8	Endosulfan sulfate	0.08	UJ	0.08	U	0.08	UJ				
50-29-3	4,4'-DDT	0.08	UJ	0.08	U	0.08	UJ				
72-43-5	Methoxychlor	0.38	UJ	0.38	U	0.38	UJ				
53494-70-5	Endrin ketone	0.08	UJ	0.08	U	0.08	UJ				
7421-93-4	Endrin aldehyde	0.08	UJ	0.08	U	0.08	UJ				
5103-71-9	alpha-Chlordane	0.04	UJ	0.04	U	0.04	UJ				
5103-74-2	gamma-Chlordane	0.04	UJ	0.04	U	0.04	UJ				
8001-35-2	Toxaphene	2.5	UJ	2.5	U	2.5	UJ				
12674-11-2	Aroclor-1016	1.	UJ	1.	U	1.	UJ				
11104-28-2	Aroclor-1221	1.	UJ	1.	U	1.	UJ				
11141-16-5	Aroclor-1232	1.	UJ	1.	U	1.	UJ				
53469-21-9	Aroclor-1242	1.	UJ	1.	U	1.	UJ				
12672-29-6	Aroclor-1248	1.	UJ	1.	U	1.	UJ				
11097-69-1	Aroclor-1254	2.	UJ	2.	U	2.	UJ				
11096-82-5	Aroclor-1260	2.	UJ	2.	U	2.	UJ				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	006-G-W001-01		006-G-W001-02		006-G-W002-01		006-G-W002-02		006-G-W003-01		006-G-W003-02	
	ORIGINAL ID ----->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	LAB SAMPLE ID --->	27635.05		29360.02		27635.06		29360.01		27635.09		29388.01	
	ID FROM REPORT -->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	SAMPLE DATE ----->	11/14/96		05/14/97		11/14/96		05/14/97		11/14/96		05/15/97	
	DATE EXTRACTED -->	11/16/96		05/15/97		11/16/96		05/15/97		11/16/96		05/19/97	
	DATE ANALYZED --->	12/03/96		05/19/97		12/03/96		05/19/97		12/03/96		05/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	006-G-W001-01		006-G-W001-02		006-G-W002-01		006-G-W002-02		006-G-W003-01		006-G-W003-02	
	ORIGINAL ID ----->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	LAB SAMPLE ID --->	27635.05		29360.02		27635.06		29360.01		27635.09		29388.01	
	ID FROM REPORT -->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	SAMPLE DATE ----->	11/14/96		05/14/97		11/14/96		05/14/97		11/14/96		05/15/97	
	DATE EXTRACTED -->	11/16/96		05/15/97		11/16/96		05/15/97		11/16/96		05/19/97	
	DATE ANALYZED --->	12/03/96		05/19/97		12/03/96		05/19/97		12/03/96		05/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	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	38.	U	10.	U	200.	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA	SAMPLE ID ------->	006-G-W004-01		006-G-W004-02		006-H-W004-02		006-G-W005-01		006-G-W005-02		006-G-W006-01	
	ORIGINAL ID ----->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	LAB SAMPLE ID --->	27635.02		29388.02		29388.03		27635.03		29388.04		27635.04	
	ID FROM REPORT -->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	SAMPLE DATE ----->	11/14/96		05/15/97		05/15/97		11/14/96		05/15/97		11/14/96	
	DATE EXTRACTED -->	11/16/96		05/19/97		05/19/97		11/16/96		05/19/97		11/16/96	
	DATE ANALYZED --->	12/03/96		05/23/97		05/23/97		12/03/96		05/23/97		12/03/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	29360	VAL	27581	VAL	29360	VAL	27581	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	1.	J	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	1.	J	10.	U	3.	J	2.	J	1.	J	10.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA						
SAMPLE ID ------->	006-G-W004-01	006-G-W004-02	006-H-W004-02	006-G-W005-01	006-G-W005-02	006-G-W006-01
ORIGINAL ID ----->	006GW00401	006GW00402	006HW00402	006GW00501	006GW00502	006GW00601
LAB SAMPLE ID --->	27635.02	29388.02	29388.03	27635.03	29388.04	27635.04
ID FROM REPORT -->	006GW00401	006GW00402	006HW00402	006GW00501	006GW00502	006GW00601
SAMPLE DATE ----->	11/14/96	05/15/97	05/15/97	11/14/96	05/15/97	11/14/96
DATE EXTRACTED -->	11/16/96	05/19/97	05/19/97	11/16/96	05/19/97	11/16/96
DATE ANALYZED --->	12/03/96	05/23/97	05/23/97	12/03/96	05/23/97	12/03/96
MATRIX ---------->	Water	Water	Water	Water	Water	Water
UNITS ---------->	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

CAS #	Parameter	27581	VAL	29360	VAL	29360	VAL	27581	VAL	29360	VAL	27581	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	2.	J	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	3.	J	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	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA										
	SAMPLE ID ------->	006-G-W006-02		006-G-W007-01		006-G-W007-02				
	ORIGINAL ID ----->	006GW00602		006GW00701		006GW00702				
	LAB SAMPLE ID --->	29403.04		27635.01		29403.05				
	ID FROM REPORT -->	006GW00602		006GW00701		006GW00702				
	SAMPLE DATE ----->	05/16/97		11/14/96		05/16/97				
	DATE EXTRACTED -->	05/19/97		11/16/96		05/19/97				
	DATE ANALYZED --->	05/23/97		12/03/96		05/24/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	29360	VAL	27581	VAL	29360	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	006-G-W006-02		006-G-W007-01		006-G-W007-02					
	ORIGINAL ID ----->	006GW00602		006GW00701		006GW00702					
	LAB SAMPLE ID --->	29403.04		27635.01		29403.05					
	ID FROM REPORT -->	006GW00602		006GW00701		006GW00702					
	SAMPLE DATE ----->	05/16/97		11/14/96		05/16/97					
	DATE EXTRACTED -->	05/19/97		11/16/96		05/19/97					
	DATE ANALYZED --->	05/23/97		12/03/96		05/24/97					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	29360	VAL	27581	VAL	29360	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	10.	U				
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)	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				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	006-G-W001-01		006-G-W001-02		006-G-W002-01		006-G-W002-02		006-G-W003-01		006-G-W003-02	
	ORIGINAL ID ----->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	LAB SAMPLE ID --->	27635.05		29360.02		27635.06		29360.01		27635.09		29388.01	
	ID FROM REPORT -->	006GW00101		006GW00102		006GW00201		006GW00202		006GW00301		006GW00302	
	SAMPLE DATE ----->	11/14/96		05/14/97		11/14/96		05/14/97		11/14/96		05/15/97	
	DATE ANALYZED --->	11/21/96		05/16/97		11/21/96		05/16/97		11/21/96		05/19/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	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	100.	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
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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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
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.	U	10.	UR	10.	U	10.	UR	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	006-G-W004-01		006-G-W004-02		006-H-W004-02		006-G-W005-01		006-G-W005-02		006-G-W006-01	
	ORIGINAL ID ----->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	LAB SAMPLE ID --->	27635.02		29388.02		29388.03		27635.03		29388.04		27635.04	
	ID FROM REPORT -->	006GW00401		006GW00402		006HW00402		006GW00501		006GW00502		006GW00601	
	SAMPLE DATE ----->	11/14/96		05/15/97		05/15/97		11/14/96		05/15/97		11/14/96	
	DATE ANALYZED --->	11/18/96		05/19/97		05/19/97		11/18/96		05/19/97		11/18/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	29360	VAL	27581	VAL	29360	VAL	27581	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.	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
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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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	2.	J	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.	U	10.	U	10.	UR	10.	U	10.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 006 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA										
	SAMPLE ID ------->	006-G-W006-02		006-G-W007-01		006-G-W007-02				
	ORIGINAL ID ----->	006GW00602		006GW00701		006GW00702				
	LAB SAMPLE ID --->	29403.04		27635.01		29403.05				
	ID FROM REPORT -->	006GW00602		006GW00701		006GW00702				
	SAMPLE DATE ----->	05/16/97		11/14/96		05/16/97				
	DATE ANALYZED --->	05/20/97		11/18/96		05/19/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	29360	VAL	27581	VAL	29360	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	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			
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.	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			
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.	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			
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U			
75-25-2	Bromoform	5.	U	5.	U	5.	U			
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.	U	5.	U	5.	U			
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.	U	10.	UR	10.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	008-G-W001-02		008-G-W002-02		008-G-W003-02		008-G-W004-02		008-G-W005-02		008-G-W006-02	
	ORIGINAL ID ----->	008GW00102		008GW00202		008GW00302		008GW00402		008GW00502		008GW00602	
	LAB SAMPLE ID --->	29437.01		29442.01		29442.02		29475.01		29487.01		29475.04	
	ID FROM REPORT -->	008GW00102		008GW00202		008GW00302		008GW00402		008GW00502		008GW00602	
	SAMPLE DATE ----->	05/20/97		05/21/97		05/21/97		05/22/97		05/23/97		05/22/97	
	DATE EXTRACTED -->	05/23/97		05/23/97		05/23/97		05/23/97		05/23/97		05/23/97	
	DATE ANALYZED --->	05/27/97		05/28/97		05/28/97		05/28/97		05/28/97		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29437	VAL	29437	VAL	29437	VAL	29437	VAL	29437	VAL	29437	VAL
2691-41-0	HMX	13.	U	13.	U	13.	U	13.	U	13.	U	13.	U
121-82-4	RDX (Cyclonite)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
99-35-4	1,3,5-Trinitrobenzene	7.3	U	7.3	U	7.3	U	7.3	U	7.3	U	7.3	U
479-45-8	Tetryl	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-65-0	1,3-Dinitrobenzene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U
98-95-3	Nitrobenzene	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	U	9.4	U	9.4	U	9.4	U	9.4	U
121-14-2	2,4-Dinitrotoluene	5.7	U	5.7	U	5.7	U	5.7	U	5.7	U	5.7	U
88-72-2	o-Nitrotoluene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
99-99-0	p-Nitrotoluene	8.	U	8.	U	8.	U	8.	U	8.	U	8.	U
99-08-1	m-Nitrotoluene	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

HYDRAZINE							
	SAMPLE ID ------->	008-G-W001-02	008-G-W002-02	008-G-W003-02	008-G-W004-02	008-G-W005-02	008-G-W006-02
	ORIGINAL ID ----->	008GW00102	008GW00202	008GW00302	008GW00402	008GW00502	008GW00602
	LAB SAMPLE ID --->	29437.01	29442.01	29442.02	29475.01	29487.01	29475.04
	ID FROM REPORT -->	008GW00102	008GW00202	008GW00302	008GW00402	008GW00502	008GW00602
	SAMPLE DATE ----->	05/20/97	05/21/97	05/21/97	05/22/97	05/23/97	05/22/97
	DATE ANALYZED --->	05/22/97	05/22/97	05/22/97	05/28/97	05/28/97	05/28/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CAS #	Parameter	29437 VAL	29437 VAL	29437 VAL	29437 VAL	29437 VAL	29437 VAL
302-01-2	Hydrazine	5. U	7.3	23.6	5. U	5. U	5. U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	008-G-W001-01		008-G-W001-02		008-G-W002-01		008-G-W002-02		008-G-W003-01		008-G-W003-02	
	ORIGINAL ID ----->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	LAB SAMPLE ID --->	27651.02		29437.01		27651.03		29442.01		27651.04		29442.02	
	ID FROM REPORT -->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	SAMPLE DATE ----->	11/15/96		05/20/97		11/15/96		05/21/97		11/15/96		05/21/97	
	DATE EXTRACTED -->	11/22/96		05/22/97		11/22/96		05/23/97		11/22/96		05/23/97	
	DATE ANALYZED --->	11/23/96		05/29/97		11/23/96		06/03/97		11/23/96		06/03/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
7429-90-5	Aluminum (Al)	129.	J	8.	UJ	34.	J	43.9	J	720.	J	750.	
7440-36-0	Antimony (Sb)	2.1	U	8.1	U	2.1	U	3.4	U	22.6	J	12.6	J
7440-38-2	Arsenic (As)	6.4	J	5.	J	2.5	U	2.1	U	8.	J	13.	
7440-39-3	Barium (Ba)	40.6		66.8	J	1520.		739.	J	67.5		69.6	J
7440-41-7	Beryllium (Be)	1.6	U	0.71	J	0.69	U	0.2	UJ	1.5	U	3.7	J
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	0.5	U	0.3	U	0.5	U	0.3	U
7440-70-2	Calcium (Ca)	127000.		110000.	J	206000.		117000.	J	282000.		221000.	J
7440-47-3	Chromium (Cr)	4.6	J	1.7	J	2.2	U	1.3	J	4.1	U	9.4	J
7440-48-4	Cobalt (Co)	1.5	J	1.8	U	0.9	U	1.6	U	0.9	U	2.5	U
7440-50-8	Copper (Cu)	0.6	U	1.4	U	22.3		10.9	J	44.8		14.1	J
7439-89-6	Iron (Fe)	6200.		1400.	J	3830.		1380.	J	1100.		1250.	J
7439-92-1	Lead (Pb)	1.7	UJ	0.9	UJ	9.1	J	5.2	J	3.	J	7.4	J
7439-95-4	Magnesium (Mg)	867000.		760000.	J	159000.		78600.	J	1060000.		945000.	J
7439-96-5	Manganese (Mn)	180.		186.	J	217.		183.	J	39.		0.3	U
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.15	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	3.	J	1.6	J	2.	J	1.4	J	0.8	UJ	4.3	J
7440-09-7	Potassium (K)	288000.		260000.		56400.		58600.		322000.		284000.	
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U	2.8	U	3.4	U
7440-22-4	Silver (Ag)	1.4	J	3.6	U	1.2	U	1.	U	1.2	U	1.	U
7440-23-5	Sodium (Na)	8420000.		7510000.		1400000.		1080000.		8850000.		8170000.	
7440-28-0	Thallium (Tl)	2.7	U	5.	UJ	3.9	J	5.	UJ	2.7	U	7.4	J
7440-31-5	Tin (Sn)	2.6	U	14.	U	2.6	U	14.	U	3.4	J	14.	U
7440-62-2	Vanadium (V)	6.8	J	18.3	J	1.3	J	1.9	J	49.		12.4	J
7440-66-6	Zinc (Zn)	5.3	U	5.8	U	38.	U	18.4	J	181.		14.8	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	008-G-W004-01		008-G-W004-02		008-G-W005-01		008-G-W005-02		008-G-W006-01		008-G-W006-02	
	ORIGINAL ID ----->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	LAB SAMPLE ID --->	27651.05		29475.01		27651.06		29487.01		27651.07		29475.04	
	ID FROM REPORT -->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	SAMPLE DATE ----->	11/15/96		05/22/97		11/15/96		05/23/97		11/15/96		05/22/97	
	DATE EXTRACTED -->	11/22/96		05/27/97		11/22/96		05/28/97		11/22/96		05/27/97	
	DATE ANALYZED --->	11/23/96		06/03/97		11/23/96		06/05/97		11/23/96		06/03/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
7429-90-5	Aluminum (Al)	49.5	J	61.3	J	120.	J	113.	J	144.	J	14.	UJ
7440-36-0	Antimony (Sb)	2.1	U	1.7	U	2.1	U	2.8	U	2.1	U	2.7	U
7440-38-2	Arsenic (As)	4.3	J	9.4	J	6.8	J	2.8	J	17.7		17.2	
7440-39-3	Barium (Ba)	74.5		70.	J	23.5		18.9	J	11.9		12.5	J
7440-41-7	Beryllium (Be)	1.6	U	0.67	J	0.93	U	0.2	UJ	0.64	U	0.27	J
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	0.5	U	0.3	U	0.5	U	0.3	U
7440-70-2	Calcium (Ca)	159000.		152000.	J	182000.		99800.	J	160000.		107000.	J
7440-47-3	Chromium (Cr)	0.8	U	2.6	J	2.3	U	1.5	J	1.6	U	1.	U
7440-48-4	Cobalt (Co)	1.3	J	1.5	U	0.91	J	1.8	U	1.3	J	0.8	U
7440-50-8	Copper (Cu)	0.6	U	1.4	U	0.6	U	1.4	U	0.6	U	1.4	U
7439-89-6	Iron (Fe)	11400.		14400.	J	15800.		8760.	J	6190.		6010.	J
7439-92-1	Lead (Pb)	1.7	UJ	0.9	UJ	1.7	UJ	0.9	UJ	10.2	J	0.9	UJ
7439-95-4	Magnesium (Mg)	836000.		719000.	J	190000.		165000.	J	107000.		80700.	J
7439-96-5	Manganese (Mn)	239.		201.	J	1120.		809.	J	1620.		885.	J
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.28	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	0.8	UJ	0.77	J	2.2	J	1.9	J	2.9	J	1.2	J
7440-09-7	Potassium (K)	253000.		211000.		71400.		102000.		50100.		47700.	
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U	2.8	U	3.4	U
7440-22-4	Silver (Ag)	1.2	U	2.8	U	1.7	J	1.	U	1.2	U	1.7	U
7440-23-5	Sodium (Na)	7880000.		6840000.		2050000.		2280000.		1040000.		804000.	
7440-28-0	Thallium (Tl)	4.6	J	6.4	J	2.7	U	5.8	J	2.7	U	5.	UJ
7440-31-5	Tin (Sn)	2.6	U	14.	U	2.6	U	14.	U	2.6	U	14.	U
7440-62-2	Vanadium (V)	0.5	U	1.6	J	2.5	J	3.6	J	2.9	J	2.2	J
7440-66-6	Zinc (Zn)	5.3	U	5.8	U	5.3	U	5.8	U	5.3	U	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	008-G-W001-01		008-G-W001-02 RE		008-G-W002-01		008-G-W002-02 RE		008-G-W003-01		008-G-W003-02	
	ORIGINAL ID ----->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	LAB SAMPLE ID --->	27651.02		29437.01		27651.03		29442.01		27651.04		29442.02	
	ID FROM REPORT -->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	SAMPLE DATE ----->	11/15/96		05/20/97		11/15/96		05/21/97		11/15/96		05/21/97	
	DATE EXTRACTED -->	11/17/96		05/29/97		11/17/96		05/29/97		11/17/96		05/22/97	
	DATE ANALYZED --->	11/22/96		06/06/97		11/22/96		06/07/97		11/27/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
319-84-6	alpha-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
319-85-7	beta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
319-86-8	delta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
76-44-8	Heptachlor	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
309-00-2	Aldrin	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
1024-57-3	Heptachlor epoxide	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
959-98-8	Endosulfan I	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
60-57-1	Dieldrin	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
72-55-9	4,4'-DDE	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
72-20-8	Endrin	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
33213-65-9	Endosulfan II	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
72-54-8	4,4'-DDD	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
1031-07-8	Endosulfan sulfate	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
50-29-3	4,4'-DDT	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
72-43-5	Methoxychlor	0.38	U	0.38	UJ	0.38	U	0.38	U	0.38	U	0.38	UJ
53494-70-5	Endrin ketone	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
7421-93-4	Endrin aldehyde	0.08	U	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	UJ
5103-71-9	alpha-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
5103-74-2	gamma-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	UJ
8001-35-2	Toxaphene	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	UJ
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	U	1.	U	1.	U	1.	UJ
11104-28-2	Aroclor-1221	1.	U	1.	UJ	1.	U	1.	U	1.	U	1.	UJ
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	U	1.	U	1.	U	1.	UJ
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	U	1.	U	1.	U	1.	UJ
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	U	1.	U	1.	U	1.	UJ
11097-69-1	Aroclor-1254	2.	U	2.	UJ	2.	U	2.	U	2.	U	2.	UJ
11096-82-5	Aroclor-1260	2.	U	2.	UJ	2.	U	2.	U	2.	U	2.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	008-G-W004-01		008-G-W004-02		008-G-W005-01		008-G-W005-02		008-G-W006-01		008-G-W006-02	
	ORIGINAL ID ----->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	LAB SAMPLE ID --->	27651.05		29475.01		27651.06		29487.01		27651.07		29475.04	
	ID FROM REPORT -->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	SAMPLE DATE ----->	11/15/96		05/22/97		11/15/96		05/23/97		11/15/96		05/22/97	
	DATE EXTRACTED -->	11/17/96		05/24/97		11/17/96		05/24/97		11/17/96		05/24/97	
	DATE ANALYZED --->	11/22/96		06/04/97		11/23/96		06/04/97		11/23/96		06/04/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	U	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	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	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	0.04	U
309-00-2	Aldrin	0.04	U	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	0.04	U
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-55-9	4,4'-DDE	0.08	U	0.08	U	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	0.08	U
33213-65-9	Endosulfan II	0.08	U	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	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U	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	0.08	U
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
53494-70-5	Endrin ketone	0.08	U	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	U	0.08	U	0.08	U	0.08	U	0.08	U
5103-71-9	alpha-Chlordane	0.04	U	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	0.04	U
8001-35-2	Toxaphene	2.5	U	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	1.	U
11104-28-2	Aroclor-1221	1.	U	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	1.	U
53469-21-9	Aroclor-1242	1.	U	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	1.	U
11097-69-1	Aroclor-1254	2.	U	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	2.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	008-G-W001-01		008-G-W001-02		008-G-W002-01		008-G-W002-02		008-G-W003-01		008-G-W003-02	
	ORIGINAL ID ----->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	LAB SAMPLE ID --->	27651.02		29437.01		27651.03		29442.01		27651.04		29442.02	
	ID FROM REPORT -->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	SAMPLE DATE ----->	11/15/96		05/20/97		11/15/96		05/21/97		11/15/96		05/21/97	
	DATE EXTRACTED -->	11/18/96		05/22/97		11/18/96		05/23/97		11/18/96		05/23/97	
	DATE ANALYZED --->	12/04/96		05/30/97		12/04/96		05/30/97		12/04/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	11.	U	10.	U	3.	J
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
78-59-1	Isophorone	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	1.	J	1.	J	10.	U	11.	U
65-85-0	Benzoic acid	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
91-20-3	Naphthalene	10.	U	10.	U	2.	J	1.	J	10.	U	11.	U
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	008-G-W001-01		008-G-W001-02		008-G-W002-01		008-G-W002-02		008-G-W003-01		008-G-W003-02	
	ORIGINAL ID ----->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	LAB SAMPLE ID --->	27651.02		29437.01		27651.03		29442.01		27651.04		29442.02	
	ID FROM REPORT -->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	SAMPLE DATE ----->	11/15/96		05/20/97		11/15/96		05/21/97		11/15/96		05/21/97	
	DATE EXTRACTED -->	11/18/96		05/22/97		11/18/96		05/23/97		11/18/96		05/23/97	
	DATE ANALYZED --->	12/04/96		05/30/97		12/04/96		05/30/97		12/04/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	53.	U	50.	U	54.	U
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
120-12-7	Anthracene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	11.	U	10.	U	2.	J
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U	21.	U	20.	U	22.	U
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
218-01-9	Chrysene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	13.	U	11.	U	10.	U	55.	U
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	11.	U	10.	U	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	008-G-W004-01		008-G-W004-02		008-G-W005-01		008-G-W005-02		008-G-W006-01		008-G-W006-02	
	ORIGINAL ID ----->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	LAB SAMPLE ID --->	27651.05		29475.01		27651.06		29487.01		27651.07		29475.04	
	ID FROM REPORT -->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	SAMPLE DATE ----->	11/15/96		05/22/97		11/15/96		05/23/97		11/15/96		05/22/97	
	DATE EXTRACTED -->	11/18/96		05/28/97		11/18/96		05/27/97		11/18/96		05/28/97	
	DATE ANALYZED --->	12/09/96		06/02/97		12/09/96		06/01/97		12/09/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	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	1.	J
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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	008-G-W004-01		008-G-W004-02		008-G-W005-01		008-G-W005-02		008-G-W006-01		008-G-W006-02	
	ORIGINAL ID ----->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	LAB SAMPLE ID --->	27651.05		29475.01		27651.06		29487.01		27651.07		29475.04	
	ID FROM REPORT -->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	SAMPLE DATE ----->	11/15/96		05/22/97		11/15/96		05/23/97		11/15/96		05/22/97	
	DATE EXTRACTED -->	11/18/96		05/28/97		11/18/96		05/27/97		11/18/96		05/28/97	
	DATE ANALYZED --->	12/09/96		06/02/97		12/09/96		06/01/97		12/09/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	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	3.	J	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)	46.		10.	U	14.	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	008-G-W001-01		008-G-W001-02		008-G-W002-01		008-G-W002-02		008-G-W003-01		008-G-W003-02	
	ORIGINAL ID ----->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	LAB SAMPLE ID --->	27651.02		29437.01		27651.03		29442.01		27651.04		29442.02	
	ID FROM REPORT -->	008GW00101		008GW00102		008GW00201		008GW00202		008GW00301		008GW00302	
	SAMPLE DATE ----->	11/15/96		05/20/97		11/15/96		05/21/97		11/15/96		05/21/97	
	DATE ANALYZED --->	11/22/96		05/22/97		11/21/96		05/23/97		11/21/96		05/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	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	12.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	12.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	5.	U	5.	U	6.	U	6.	
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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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	3.	J	3.	J	2.	J	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	8.	U	8.		28.	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.	U	10.	UR	10.	U	10.	UR	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 008 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	008-G-W004-01		008-G-W004-02		008-G-W005-01		008-G-W005-02		008-G-W006-01		008-G-W006-02	
	ORIGINAL ID ----->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	LAB SAMPLE ID --->	27651.05		29475.01		27651.06		29487.01		27651.07		29475.04	
	ID FROM REPORT -->	008GW00401		008GW00402		008GW00501		008GW00502		008GW00601		008GW00602	
	SAMPLE DATE ----->	11/15/96		05/22/97		11/15/96		05/23/97		11/15/96		05/22/97	
	DATE ANALYZED --->	11/21/96		05/28/97		11/21/96		05/29/97		11/21/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	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	13.	U	10.	U	12.	U	10.	U	18.	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	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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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	6.	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.	U	10.	UR	10.	U	10.	UR	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 011 QUARTERLY GROUNDWATER SAMPLES

PH							
	SAMPLE ID ------->	011-G-W001-01	011-G-W001-02	011-G-W002-01	011-G-W002-02	011-G-W003-01	011-G-W003-02
	ORIGINAL ID ----->	011GW00101	011GW00102	011GW00201	011GW00202	011GW00301	011GW00302
	LAB SAMPLE ID --->	27581.03	29403.01	27581.01	29403.02	27581.02	29403.03
	ID FROM REPORT -->	011GW00101	011GW00102	011GW00201	011GW00202	011GW00301	011GW00302
	SAMPLE DATE ----->	11/11/96	05/16/97	11/11/96	05/16/97	11/11/96	05/16/97
	DATE ANALYZED --->	11/12/96	05/19/97	11/12/96	05/19/97	11/12/96	05/19/97
	MATRIX ---------->	Water	Water	Water	Water	Water	Water
	UNITS ---------->	SU	SU	SU	SU	SU	SU
CAS #	Parameter	27581	29360 NV	27581	29360 NV	27581	29360 NV
9999900-09-4	pH	6.48	6.51	7.5	7.68	6.94	6.99

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 011 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	011-G-W001-01		011-G-W001-02		011-G-W002-01		011-G-W002-02		011-G-W003-01		011-G-W003-02	
	ORIGINAL ID ----->	011GW00101		011GW00102		011GW00201		011GW00202		011GW00301		011GW00302	
	LAB SAMPLE ID --->	27581.03		29403.01		27581.01		29403.02		27581.02		29403.03	
	ID FROM REPORT -->	011GW00101		011GW00102		011GW00201		011GW00202		011GW00301		011GW00302	
	SAMPLE DATE ----->	11/11/96		05/16/97		11/11/96		05/16/97		11/11/96		05/16/97	
	DATE EXTRACTED -->	11/19/96		05/19/97		11/19/96		05/19/97		11/19/96		05/19/97	
	DATE ANALYZED --->	11/21/96		05/28/97		11/21/96		05/28/97		11/21/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27581	VAL	29360	VAL	27581	VAL	29360	VAL	27581	VAL	29360	VAL
7429-90-5	Aluminum (Al)	60.2	J	48.3	U	817.		1340.		997.		211.	
7440-36-0	Antimony (Sb)	2.1	U	2.9	U	3.2	U	3.1	U	2.1	U	3.9	U
7440-38-2	Arsenic (As)	4.4	J	2.1	U	3.3	J	5.	J	9.	J	36.3	
7440-39-3	Barium (Ba)	21.8	J	18.1		14.9	J	12.4		91.	J	84.8	
7440-41-7	Beryllium (Be)	0.3	U	0.2	J	0.3	U	0.25	J	0.3	U	0.24	J
7440-43-9	Cadmium (Cd)	2.2	U	0.3	U	2.2	U	0.3	U	2.2	U	0.42	J
7440-70-2	Calcium (Ca)	63400.		60900.		101000.		93500.		108000.		178000.	
7440-47-3	Chromium (Cr)	0.8	U	1.	U	1.1	U	1.	U	1.2	U	1.	U
7440-48-4	Cobalt (Co)	1.2	J	1.4	J	0.9	U	0.8	U	2.9	J	0.8	U
7440-50-8	Copper (Cu)	1.5	U	1.4	U	6.6	U	32.6		2.3	U	1.4	U
7439-89-6	Iron (Fe)	487.		1220.		889.		1940.		26500.		22100.	
7439-92-1	Lead (Pb)	1.7	U	0.9	U	1.7	U	0.9	U	1.7	U	0.9	U
7439-95-4	Magnesium (Mg)	34300.		30700.		3380.		3140.		7560.		16300.	
7439-96-5	Manganese (Mn)	194.		186.		23.1		12.5		1130.		1570.	
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.1	U	0.2		0.19	J	0.14	J
7440-02-0	Nickel (Ni)	2.4	U	0.7	U	2.5	U	0.7	U	19.	J	7.7	J
7440-09-7	Potassium (K)	12100.		10500.		1610.	J	1350.	J	3470.	J	7520.	
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U	2.8	U	3.4	U
7440-22-4	Silver (Ag)	1.2	U	1.3	U	1.2	U	1.1	U	1.2	U	2.5	U
7440-23-5	Sodium (Na)	162000.		128000.		34200.		17900.		201000.		131000.	
7440-28-0	Thallium (Tl)	2.7	U	5.	U	2.7	U	5.1	J	2.7	U	5.	U
7440-31-5	Tin (Sn)	3.6	U	14.	U	5.9	U	14.	U	4.1	U	14.	U
7440-62-2	Vanadium (V)	4.2	J	2.6	J	0.89	J	2.1	J	0.92	J	1.5	J
7440-66-6	Zinc (Zn)	5.3	U	5.8	U	8.6	J	5.8	U	6.3	J	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 HERB

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/21/96
DATE ANALYZED --->	11/27/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	VAL
94-75-7	2,4-D	2.9	U
93-72-1	2,4,5-TP (Silvex)	0.97	U
93-76-5	2,4,5-T	1.3	U
88-85-7	Dinoseb	1.7	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 PEST

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	11/27/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27651	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	12/08/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	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
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
100-02-7	4-Nitrophenol	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	12/08/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	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	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
86-74-8	Carbazole	10.	UR
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.	U
66-27-3	Methyl methanesulfonate	50.	U
62-53-3	Aniline	10.	U
10595-95-6	N-Nitrosomethylethylamine	10.	U
924-16-3	N-Nitroso-di-n-butylamine	10.	U
55-18-5	N-Nitrosodiethylamine	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	12/08/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	VAL
62-50-0	Ethyl methanesulfonate	10.	UJ
109-06-8	2-Picoline	10.	U
98-86-2	Acetophenone	10.	UJ
930-55-2	N-Nitrosopyrrolidine	10.	U
108-39-4	3-Methylphenol (m-Cresol)	10.	U
59-89-2	N-Nitrosomorpholine	10.	U
95-53-4	o-Toluidine	10.	UJ
119-93-7	3,3-Dimethylbenzidine	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	UR
100-75-4	N-Nitrosopiperidine	10.	U
126-68-1	O,O,O-Triethylphosphorothioate	10.	U
122-09-8	a,a-Dimethylphenethylamine	10.	U
87-65-0	2,6-Dichlorophenol	10.	U
1888-71-7	Hexachloropropene	10.	U
106-50-3	p-Phenylenediamine	50.	UJ
95-94-3	1,2,4,5-Tetrachlorobenzene	10.	U
94-59-7	Safrole	10.	U
120-58-1	Isosafrole	10.	U
130-15-4	1,4-Naphthoquinone	10.	U
99-65-0	1,3-Dinitrobenzene	10.	U
58-90-2	2,3,4,6-Tetrachlorophenol	10.	U
608-93-5	Pentachlorobenzene	10.	U
134-32-7	1-Naphthylamine	10.	U
56-57-5	4-Nitroquinoline 1-oxide	50.	U
91-59-8	2-Naphthylamine	10.	U
297-97-2	Thionazin	20.	UJ
99-55-8	5-Nitro-o-toluidine	10.	U
122-39-4	Diphenylamine	10.	UJ
3689-24-5	Sulfotep	20.	U
99-35-4	1,3,5-Trinitrobenzene	10.	U
298-02-2	Phorate	10.	UJ
62-44-2	Phenacetin	10.	U
2303-16-4	Diallate	10.	UJ
60-51-5	Dimethoate	10.	UJ
92-67-1	4-Aminobiphenyl	10.	U
23950-58-5	Pronamide	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	12/08/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	VAL
82-68-8	Pentachloronitrobenzene	50.	U
298-04-4	Disulfoton	10.	UJ
88-85-7	Dinoseb	10.	U
298-00-0	Methyl parathion	20.	UJ
56-38-2	Parathion	20.	U
91-80-5	Methapyrilene	20.	U
465-73-6	Isodrin	20.	UJ
140-57-8	Aramite	50.	UR
60-11-7	p-(Dimethylamino)azobenzene	10.	U
510-15-6	Chlorobenzilate	10.	U
143-50-0	Kepone	50.	U
52-85-7	Famphur	10.	UJ
53-96-3	Acetamidofluorene	10.	U
57-97-6	7,12-Dimethylbenz(a)anthracene	10.	U
70-30-4	Hexachlorophene	200.	UR
56-49-5	3-Methyl cholanthrene	10.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	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	7.	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
75-27-4	Bromodichloromethane	5.	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
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)	6.	U
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR
107-02-8	Acrolein	50.	UR
74-88-4	Methyl iodide	5.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE ANALYZED --->	11/22/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	27651	VAL
76-01-7	Pentachloroethane	5.	U
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-05-8	Acetonitrile	200.	U
107-13-1	Acrylonitrile	50.	U
107-12-0	Propionitrile	100.	UR
126-98-7	Methacrylonitrile	100.	U
78-83-1	Isobutyl alcohol	200.	UR
123-91-1	1,4-Dioxane	500.	UR
80-62-6	Methyl methacrylate	5.	U
97-63-2	Ethyl methacrylate	5.	U
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
75-71-8	Dichlorodifluoromethane	5.	U
75-69-4	Trichlorofluoromethane	5.	U
74-95-3	Methylene bromide	10.	U
96-12-8	1,2-Dibromo-3-Chloropropane	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

CYANIDE

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/22/96
DATE ANALYZED --->	11/23/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27651	VAL
57-12-5	Cyanide (CN)	4.8	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

HEXACHROME

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/19/96
DATE ANALYZED --->	11/19/96
MATRIX ---------->	Water
UNITS ---------->	MG/L

CAS #	Parameter	27651	VAL
18540-29-9	Chromium (Hexavalent)	0.05	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-DIOX

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	11/23/96
MATRIX ---------->	Water
UNITS ----------->	PG/L

CAS #	Parameter	27651	VAL
1746-01-6	2378-TCDD	1.3	U
40321-76-4	12378-PeCDD	1.39	U
39227-28-6	123478-HxCDD	1.08	U
57653-85-7	123678-HxCDD	0.899	U
19408-74-3	123789-HxCDD	0.906	U
35822-46-9	1234678-HpCDD	1.33	U
3268-87-9	OCDD	4.25	U
51207-31-9	2378-TCDF	1.34	U
57117-41-6	12378-PeCDF	1.06	U
57117-31-4	23478-PeCDF	1.14	U
70648-26-9	123478-HxCDF	0.54	U
57117-44-9	123678-HxCDF	0.439	U
72918-21-9	123789-HxCDF	0.585	U
60851-34-5	234678-HxCDF	2.69	U
67562-39-4	1234678-HpCDF	2.57	U
55673-89-7	1234789-HpCDF	1.15	U
39001-02-0	OCDF	4.66	U
41903-57-5	Total Tetra-Dioxins	1.3	U
36088-22-9	Total Penta-Dioxins	1.39	U
34465-46-8	Total Hexa-Dioxins	0.899	U
37871-00-4	Total Hepta-Dioxins	1.33	U
55722-27-5	Total Tetra-Furans	1.34	U
30602-15-4	Total Penta-Furans	1.14	U
55684-94-1	Total Hexa-Furans	2.69	
38998-75-3	Total Hepta-Furans	0.963	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	120-G-W001-01		120-G-W001-02		120-G-W002-01		120-G-W002-02		120-G-W003-01		120-R-W003-01	
	ORIGINAL ID ----->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120HW00301	
	LAB SAMPLE ID --->	27675.05		29442.03		27675.09		29442.04		27675.10		27676.01	
	ID FROM REPORT -->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120HW00301	
	SAMPLE DATE ----->	11/18/96		05/21/97		11/18/96		05/21/97		11/18/96		11/18/96	
	DATE EXTRACTED -->	11/22/96		05/23/97		11/22/96		05/23/97		11/22/96		11/22/96	
	DATE ANALYZED --->	11/26/96		06/03/97		11/22/96		06/03/97		11/22/96		11/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	27651	VAL
7429-90-5	Aluminum (Al)	662.	J	273.		52.5	J	57.4	J	23.8	J	24.1	J
7440-36-0	Antimony (Sb)	2.1	U	1.6	U	2.1	U	1.6	U	2.1	U	2.1	U
7440-38-2	Arsenic (As)	26.5		41.1		2.5	U	3.7	J	35.4		35.2	
7440-39-3	Barium (Ba)	17.9		14.8	J	18.1		18.1	J	156.		146.	
7440-41-7	Beryllium (Be)	0.58	U	0.2	UJ	0.52	U	0.2	UJ	0.38	U	0.45	U
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	0.5	U	0.3	U	0.5	U	0.5	U
7440-70-2	Calcium (Ca)	51700.		52400.	J	101000.		98700.	J	91100.		84800.	
7440-47-3	Chromium (Cr)	2.7	U	1.5	J	1.7	U	1.3	J	0.8	U	0.8	U
7440-48-4	Cobalt (Co)	0.9	U	1.4	U	0.9	U	1.4	U	1.3	J	1.6	J
7440-50-8	Copper (Cu)	4.	U	1.4	U	0.6	U	1.4	U	0.6	U	0.6	U
7439-89-6	Iron (Fe)	7970.		8260.	J	3950.		2550.	J	6860.		6470.	
7439-92-1	Lead (Pb)	1.7	UJ	2.	J	1.7	UJ	0.9	UJ	1.7	UJ	5.2	J
7439-95-4	Magnesium (Mg)	26600.		25400.	J	45500.		48300.	J	35000.		32100.	
7439-96-5	Manganese (Mn)	330.		322.	J	627.		610.	J	221.		206.	
7439-97-6	Mercury (Hg)	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel (Ni)	5.9	J	4.7	J	1.9	J	2.2	J	12.1	J	11.8	J
7440-09-7	Potassium (K)	15500.		14500.		29300.		29800.		28400.		26200.	
7782-49-2	Selenium (Se)	2.8	U	3.4	U	2.8	U	3.4	U	3.3	J	2.8	U
7440-22-4	Silver (Ag)	1.2	U	1.	U	1.2	U	1.	U	1.2	U	1.2	U
7440-23-5	Sodium (Na)	182000.		150000.		319000.		372000.		146000.		136000.	
7440-28-0	Thallium (Tl)	2.7	U	5.	UJ	2.7	U	5.	UJ	2.7	U	2.7	U
7440-31-5	Tin (Sn)	2.6	U	14.	U	2.6	U	14.	U	2.6	U	2.6	U
7440-62-2	Vanadium (V)	4.3	J	1.9	J	1.1	J	1.5	J	0.74	J	0.5	U
7440-66-6	Zinc (Zn)	20.6	U	5.8	U	5.6	U	5.8	U	82.7		106.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-META								
	SAMPLE ID ------->	120-G-W003-02		120-H-W003-02				
	ORIGINAL ID ----->	120GW00302		120HW00302				
	LAB SAMPLE ID --->	29442.05		29442.06				
	ID FROM REPORT -->	120GW00302		120HW00302				
	SAMPLE DATE ----->	05/21/97		05/21/97				
	DATE EXTRACTED -->	05/23/97		05/23/97				
	DATE ANALYZED --->	06/03/97		06/03/97				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	29437	VAL	29437	VAL			
7429-90-5	Aluminum (Al)	61.6	J	60.6	J			
7440-36-0	Antimony (Sb)	5.1	U	5.6	U			
7440-38-2	Arsenic (As)	32.2		33.2				
7440-39-3	Barium (Ba)	189.	J	191.	J			
7440-41-7	Beryllium (Be)	0.2	UJ	0.36	J			
7440-43-9	Cadmium (Cd)	0.3	U	0.3	U			
7440-70-2	Calcium (Ca)	104000.	J	105000.	J			
7440-47-3	Chromium (Cr)	1.	U	1.	U			
7440-48-4	Cobalt (Co)	3.5	U	3.2	U			
7440-50-8	Copper (Cu)	1.4	U	1.4	U			
7439-89-6	Iron (Fe)	8070.	J	8130.	J			
7439-92-1	Lead (Pb)	3.3	J	0.9	UJ			
7439-95-4	Magnesium (Mg)	32700.	J	33000.	J			
7439-96-5	Manganese (Mn)	251.	J	253.	J			
7439-97-6	Mercury (Hg)	0.1	U	0.1	U			
7440-02-0	Nickel (Ni)	23.4	J	23.6	J			
7440-09-7	Potassium (K)	25700.		25700.				
7782-49-2	Selenium (Se)	3.4	U	3.4	U			
7440-22-4	Silver (Ag)	1.	U	1.	U			
7440-23-5	Sodium (Na)	211000.		214000.				
7440-28-0	Thallium (Tl)	5.	UJ	5.	UJ			
7440-31-5	Tin (Sn)	14.	U	14.	U			
7440-62-2	Vanadium (V)	1.1	U	1.1	U			
7440-66-6	Zinc (Zn)	198.		191.				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-OP P

SAMPLE ID ------->	120-H-W003-01
ORIGINAL ID ----->	120HW00301
LAB SAMPLE ID --->	27676.01
ID FROM REPORT -->	120HW00301
SAMPLE DATE ----->	11/18/96
DATE EXTRACTED -->	11/20/96
DATE ANALYZED --->	12/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	27651	VAL
298-02-2	Phorate	2.	U
298-04-4	Disulfoton	3.7	U
298-00-0	Methyl parathion	0.5	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	120-G-W001-01		120-G-W001-02		120-G-W002-01		120-G-W002-02		120-G-W003-01		120-G-W003-02	
	ORIGINAL ID ----->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	LAB SAMPLE ID --->	27675.05		29442.03		27675.09		29442.04		27675.10		29442.05	
	ID FROM REPORT -->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	SAMPLE DATE ----->	11/18/96		05/21/97		11/18/96		05/21/97		11/18/96		05/21/97	
	DATE EXTRACTED -->	11/20/96		05/22/97		11/20/96		05/22/97		11/20/96		05/22/97	
	DATE ANALYZED --->	11/27/96		05/28/97		11/27/96		05/28/97		11/27/96		05/28/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	U	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	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	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	0.04	U
309-00-2	Aldrin	0.04	U	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	0.04	U
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
72-55-9	4,4'-DDE	0.08	U	0.08	U	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	0.08	U
33213-65-9	Endosulfan II	0.08	U	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	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U	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	0.08	U
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
53494-70-5	Endrin ketone	0.08	U	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	U	0.08	U	0.08	U	0.08	U	0.08	U
5103-71-9	alpha-Chlordane	0.04	U	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	0.04	U
8001-35-2	Toxaphene	2.5	U	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	1.	U
11104-28-2	Aroclor-1221	1.	U	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	1.	U
53469-21-9	Aroclor-1242	1.	U	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	1.	U
11097-69-1	Aroclor-1254	2.	U	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	2.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST

SAMPLE ID ------->	120-H-W003-02 RE
ORIGINAL ID ----->	120HW00302
LAB SAMPLE ID --->	29442.06
ID FROM REPORT -->	120HW00302
SAMPLE DATE ----->	05/21/97
DATE EXTRACTED -->	05/29/97
DATE ANALYZED --->	06/07/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	29437	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	120-G-W001-01		120-G-W001-02		120-G-W002-01		120-G-W002-02		120-G-W003-01		120-G-W003-02	
	ORIGINAL ID ----->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	LAB SAMPLE ID --->	27675.05		29442.03		27675.09		29442.04		27675.10		29442.05	
	ID FROM REPORT -->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	SAMPLE DATE ----->	11/18/96		05/21/97		11/18/96		05/21/97		11/18/96		05/21/97	
	DATE EXTRACTED -->	11/20/96		05/23/97		11/20/96		05/23/97		11/20/96		05/23/97	
	DATE ANALYZED --->	12/05/96		05/30/97		12/05/96		05/30/97		12/05/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
108-95-2	Phenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
95-57-8	2-Chlorophenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
541-73-1	1,3-Dichlorobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
106-46-7	1,4-Dichlorobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
100-51-6	Benzyl alcohol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
95-50-1	1,2-Dichlorobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
95-48-7	2-Methylphenol (o-Cresol)	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
621-64-7	N-Nitroso-di-n-propylamine	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
67-72-1	Hexachloroethane	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
98-95-3	Nitrobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
78-59-1	Isophorone	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
88-75-5	2-Nitrophenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
105-67-9	2,4-Dimethylphenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
65-85-0	Benzoic acid	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
120-83-2	2,4-Dichlorophenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
91-20-3	Naphthalene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
106-47-8	4-Chloroaniline	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
87-68-3	Hexachlorobutadiene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
59-50-7	4-Chloro-3-methylphenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
91-57-6	2-Methylnaphthalene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
77-47-4	Hexachlorocyclopentadiene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
88-06-2	2,4,6-Trichlorophenol	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
95-95-4	2,4,5-Trichlorophenol	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
91-58-7	2-Chloronaphthalene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
88-74-4	2-Nitroaniline	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
131-11-3	Dimethyl phthalate	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
208-96-8	Acenaphthylene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
606-20-2	2,6-Dinitrotoluene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
99-09-2	3-Nitroaniline	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
83-32-9	Acenaphthene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
51-28-5	2,4-Dinitrophenol	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	120-G-W001-01		120-G-W001-02		120-G-W002-01		120-G-W002-02		120-G-W003-01		120-G-W003-02	
	ORIGINAL ID ----->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	LAB SAMPLE ID --->	27675.05		29442.03		27675.09		29442.04		27675.10		29442.05	
	ID FROM REPORT -->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	SAMPLE DATE ----->	11/18/96		05/21/97		11/18/96		05/21/97		11/18/96		05/21/97	
	DATE EXTRACTED -->	11/20/96		05/23/97		11/20/96		05/23/97		11/20/96		05/23/97	
	DATE ANALYZED --->	12/05/96		05/30/97		12/05/96		05/30/97		12/05/96		05/30/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	VAL
100-02-7	4-Nitrophenol	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
132-64-9	Dibenzofuran	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
121-14-2	2,4-Dinitrotoluene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
84-66-2	Diethylphthalate	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
86-73-7	Fluorene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
100-01-6	4-Nitroaniline	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
86-30-6	N-Nitrosodiphenylamine	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
101-55-3	4-Bromophenyl-phenylether	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
118-74-1	Hexachlorobenzene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
87-86-5	Pentachlorophenol	50.	U	56.	U	50.	U	59.	U	50.	U	57.	U
85-01-8	Phenanthrene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
120-12-7	Anthracene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
84-74-2	Di-n-butylphthalate	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
206-44-0	Fluoranthene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
129-00-0	Pyrene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
85-68-7	Butylbenzylphthalate	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U	22.	U	20.	U	24.	U	20.	U	23.	U
56-55-3	Benzo(a)anthracene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
218-01-9	Chrysene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	50.	U	11.	U	10.	U	12.	U	10.	U	11.	U
117-84-0	Di-n-octyl phthalate	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
205-99-2	Benzo(b)fluoranthene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
207-08-9	Benzo(k)fluoranthene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
50-32-8	Benzo(a)pyrene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
53-70-3	Dibenz(a,h)anthracene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U
191-24-2	Benzo(g,h,i)perylene	10.	U	11.	U	10.	U	12.	U	10.	U	11.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	120-H-W003-02
ORIGINAL ID ----->	120HW00302
LAB SAMPLE ID --->	29442.06
ID FROM REPORT -->	120HW00302
SAMPLE DATE ----->	05/21/97
DATE EXTRACTED -->	05/23/97
DATE ANALYZED --->	05/30/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	29437	VAL
108-95-2	Phenol	12.	U
111-44-4	bis(2-Chloroethyl)ether	12.	U
95-57-8	2-Chlorophenol	12.	U
541-73-1	1,3-Dichlorobenzene	12.	U
106-46-7	1,4-Dichlorobenzene	12.	U
100-51-6	Benzyl alcohol	12.	U
95-50-1	1,2-Dichlorobenzene	12.	U
95-48-7	2-Methylphenol (o-Cresol)	12.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	12.	U
106-44-5	4-Methylphenol (p-Cresol)	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.	U
105-67-9	2,4-Dimethylphenol	12.	U
65-85-0	Benzoic acid	62.	U
111-91-1	bis(2-Chloroethoxy)methane	12.	U
120-83-2	2,4-Dichlorophenol	12.	U
120-82-1	1,2,4-Trichlorobenzene	12.	U
91-20-3	Naphthalene	12.	U
106-47-8	4-Chloroaniline	12.	U
87-68-3	Hexachlorobutadiene	12.	U
59-50-7	4-Chloro-3-methylphenol	12.	U
91-57-6	2-Methylnaphthalene	12.	U
77-47-4	Hexachlorocyclopentadiene	12.	U
88-06-2	2,4,6-Trichlorophenol	12.	U
95-95-4	2,4,5-Trichlorophenol	62.	U
91-58-7	2-Chloronaphthalene	12.	U
88-74-4	2-Nitroaniline	62.	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	62.	U
83-32-9	Acenaphthene	12.	U
51-28-5	2,4-Dinitrophenol	62.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	120-H-W003-02
ORIGINAL ID ----->	120HW00302
LAB SAMPLE ID --->	29442.06
ID FROM REPORT -->	120HW00302
SAMPLE DATE ----->	05/21/97
DATE EXTRACTED -->	05/23/97
DATE ANALYZED --->	05/30/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	29437	VAL
100-02-7	4-Nitrophenol	62.	U
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
100-01-6	4-Nitroaniline	62.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	62.	U
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	62.	U
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	25.	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	120-G-W001-01		120-G-W001-02		120-G-W002-01		120-G-W002-02		120-G-W003-01		120-G-W003-02	
	ORIGINAL ID ----->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	LAB SAMPLE ID --->	27675.05		29442.03		27675.09		29442.04		27675.10		29442.05	
	ID FROM REPORT -->	120GW00101		120GW00102		120GW00201		120GW00202		120GW00301		120GW00302	
	SAMPLE DATE ----->	11/18/96		05/21/97		11/18/96		05/21/97		11/18/96		05/21/97	
	DATE ANALYZED --->	11/20/96		05/23/97		11/20/96		05/23/97		11/20/96		05/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	27651	VAL	29437	VAL	27651	VAL	29437	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	7.	U	5.	U	7.	U	5.	U	7.	U	5.	U
67-64-1	Acetone	34.	U	10.	U	13.	U	10.	U	16.	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	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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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
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.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 120 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA

SAMPLE ID ------->	120-H-W003-02
ORIGINAL ID ----->	120HW00302
LAB SAMPLE ID --->	29442.06
ID FROM REPORT -->	120HW00302
SAMPLE DATE ----->	05/21/97
DATE ANALYZED --->	05/23/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	29437	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
75-27-4	Bromodichloromethane	5.	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
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
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

EXPLOSIVES											
	SAMPLE ID ------->	636-G-W001-01		636-G-W001-02							
	ORIGINAL ID ----->	636GW00101		636GW00102							
	LAB SAMPLE ID --->	27651.08		29475.02							
	ID FROM REPORT -->	636GW00101		636GW00102							
	SAMPLE DATE ----->	11/15/96		05/22/97							
	DATE EXTRACTED -->			05/23/97							
	DATE ANALYZED --->	11/20/96		05/28/97							
	MATRIX ---------->	Water		Water							
	UNITS ---------->	UG/L		UG/L							
CAS #	Parameter	27651	VAL	29437	VAL						
2691-41-0	HMX	13.	U	13.	U						
121-82-4	RDX (Cyclonite)	14.	U	14.	U						
99-35-4	1,3,5-Trinitrobenzene	7.3	U	7.3	U						
479-45-8	Tetryl	10.	U	10.	U						
99-65-0	1,3-Dinitrobenzene	4.	U	4.	U						
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U	6.4	U						
98-95-3	Nitrobenzene	7.	U	7.	U						
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	U						
121-14-2	2,4-Dinitrotoluene	5.7	U	5.7	U						
88-72-2	o-Nitrotoluene	12.	U	12.	U						
99-99-0	p-Nitrotoluene	8.	U	8.	U						
99-08-1	m-Nitrotoluene	7.9	U	7.9	U						

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

HYDRAZINE								
	SAMPLE ID ------->	636-G-W001-01		636-G-W001-02				
	ORIGINAL ID ----->	636GW00101		636GW00102				
	LAB SAMPLE ID --->	27651.08		29475.02				
	ID FROM REPORT -->	636GW00101		636GW00102				
	SAMPLE DATE ----->	11/15/96		05/22/97				
	DATE ANALYZED --->	11/21/96		05/28/97				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	27651	VAL	29437	VAL			
302-01-2	Hydrazine	5.	U	5.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

SW846-META									
	SAMPLE ID ------->	636-G-W001-01		636-G-W001-02					
	ORIGINAL ID ----->	636GW00101		636GW00102					
	LAB SAMPLE ID --->	27651.08		29475.02					
	ID FROM REPORT -->	636GW00101		636GW00102					
	SAMPLE DATE ----->	11/15/96		05/22/97					
	DATE EXTRACTED -->	11/22/96		05/27/97					
	DATE ANALYZED --->	11/23/96		06/03/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27651	VAL	29437	VAL				
7429-90-5	Aluminum (Al)	468.	J	45.1	J				
7440-36-0	Antimony (Sb)	2.1	U	3.7	U				
7440-38-2	Arsenic (As)	2.5	U	10.2					
7440-39-3	Barium (Ba)	56.7		35.5	J				
7440-41-7	Beryllium (Be)	1.4	U	0.41	J				
7440-43-9	Cadmium (Cd)	0.5	U	0.71	J				
7440-70-2	Calcium (Ca)	157000.		83400.	J				
7440-47-3	Chromium (Cr)	1.3	U	1.7	J				
7440-48-4	Cobalt (Co)	1.8	J	0.91	U				
7440-50-8	Copper (Cu)	0.6	U	1.4	U				
7439-89-6	Iron (Fe)	22700.		56100.	J				
7439-92-1	Lead (Pb)	1.7	UJ	0.9	UJ				
7439-95-4	Magnesium (Mg)	714000.		146000.	J				
7439-96-5	Manganese (Mn)	648.		679.	J				
7439-97-6	Mercury (Hg)	0.22	U	0.1	U				
7440-02-0	Nickel (Ni)	0.8	UJ	0.7	U				
7440-09-7	Potassium (K)	224000.		66700.					
7782-49-2	Selenium (Se)	2.9	J	3.5	J				
7440-22-4	Silver (Ag)	1.2	U	1.	U				
7440-23-5	Sodium (Na)	6310000.		1510000.					
7440-28-0	Thallium (Tl)	2.7	U	5.	UJ				
7440-31-5	Tin (Sn)	2.6	U	14.	U				
7440-62-2	Vanadium (V)	2.9	J	5.	J				
7440-66-6	Zinc (Zn)	5.3	U	5.8	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST								
	SAMPLE ID ------->	636-G-W001-01		636-G-W001-02				
	ORIGINAL ID ----->	636GW00101		636GW00102				
	LAB SAMPLE ID --->	27651.08		29475.02				
	ID FROM REPORT -->	636GW00101		636GW00102				
	SAMPLE DATE ----->	11/15/96		05/22/97				
	DATE EXTRACTED -->	11/17/96		05/24/97				
	DATE ANALYZED --->	11/23/96		06/04/97				
	MATRIX ---------->	Water		Water				
	UNITS ----------->	UG/L		UG/L				
CAS #	Parameter	27651	VAL	29437	VAL			
319-84-6	alpha-BHC	0.04	U	0.04	U			
319-85-7	beta-BHC	0.04	U	0.04	U			
319-86-8	delta-BHC	0.04	U	0.04	U			
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U			
76-44-8	Heptachlor	0.04	U	0.04	U			
309-00-2	Aldrin	0.04	U	0.04	U			
1024-57-3	Heptachlor epoxide	0.04	U	0.04	U			
959-98-8	Endosulfan I	0.04	U	0.04	U			
60-57-1	Dieldrin	0.08	U	0.08	U			
72-55-9	4,4'-DDE	0.08	U	0.08	U			
72-20-8	Endrin	0.08	U	0.08	U			
33213-65-9	Endosulfan II	0.08	U	0.08	U			
72-54-8	4,4'-DDD	0.08	U	0.08	U			
1031-07-8	Endosulfan sulfate	0.08	U	0.08	U			
50-29-3	4,4'-DDT	0.08	U	0.08	U			
72-43-5	Methoxychlor	0.38	U	0.38	U			
53494-70-5	Endrin ketone	0.08	U	0.08	U			
7421-93-4	Endrin aldehyde	0.08	U	0.08	U			
5103-71-9	alpha-Chlordane	0.04	U	0.04	U			
5103-74-2	gamma-Chlordane	0.04	U	0.04	U			
8001-35-2	Toxaphene	2.5	U	2.5	U			
12674-11-2	Aroclor-1016	1.	U	1.	U			
11104-28-2	Aroclor-1221	1.	U	1.	U			
11141-16-5	Aroclor-1232	1.	U	1.	U			
53469-21-9	Aroclor-1242	1.	U	1.	U			
12672-29-6	Aroclor-1248	1.	U	1.	U			
11097-69-1	Aroclor-1254	2.	U	2.	U			
11096-82-5	Aroclor-1260	2.	U	2.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA									
	SAMPLE ID ------->	636-G-W001-01		636-G-W001-02					
	ORIGINAL ID ----->	636GW00101		636GW00102					
	LAB SAMPLE ID --->	27651.08		29475.02					
	ID FROM REPORT -->	636GW00101		636GW00102					
	SAMPLE DATE ----->	11/15/96		05/22/97					
	DATE EXTRACTED -->	11/18/96		05/28/97					
	DATE ANALYZED --->	12/05/96		05/31/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27651	VAL	29437	VAL				
108-95-2	Phenol	10.	U	10.	U				
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U				
95-57-8	2-Chlorophenol	10.	U	10.	U				
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U				
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U				
100-51-6	Benzyl alcohol	10.	U	10.	U				
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U				
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U				
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U				
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U				
67-72-1	Hexachloroethane	10.	U	10.	U				
98-95-3	Nitrobenzene	10.	U	10.	U				
78-59-1	Isophorone	10.	U	10.	U				
88-75-5	2-Nitrophenol	10.	U	10.	U				
105-67-9	2,4-Dimethylphenol	10.	U	10.	U				
65-85-0	Benzoic acid	2.	J	1.	J				
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U				
120-83-2	2,4-Dichlorophenol	10.	U	10.	U				
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U				
91-20-3	Naphthalene	10.	U	10.	U				
106-47-8	4-Chloroaniline	10.	U	10.	U				
87-68-3	Hexachlorobutadiene	10.	U	10.	U				
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U				
91-57-6	2-Methylnaphthalene	10.	U	10.	U				
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U				
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U				
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U				
91-58-7	2-Chloronaphthalene	10.	U	10.	U				
88-74-4	2-Nitroaniline	50.	U	50.	U				
131-11-3	Dimethyl phthalate	10.	U	10.	U				
208-96-8	Acenaphthylene	10.	U	10.	U				
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U				
99-09-2	3-Nitroaniline	50.	U	50.	U				
83-32-9	Acenaphthene	10.	U	10.	U				
51-28-5	2,4-Dinitrophenol	50.	U	50.	U				

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	636-G-W001-01		636-G-W001-02				
ORIGINAL ID ----->	636GW00101		636GW00102				
LAB SAMPLE ID --->	27651.08		29475.02				
ID FROM REPORT -->	636GW00101		636GW00102				
SAMPLE DATE ----->	11/15/96		05/22/97				
DATE EXTRACTED -->	11/18/96		05/28/97				
DATE ANALYZED --->	12/05/96		05/31/97				
MATRIX ---------->	Water		Water				
UNITS ----------->	UG/L		UG/L				
CAS # Parameter	27651	VAL	29437	VAL			
100-02-7 4-Nitrophenol	50.	U	50.	U			
132-64-9 Dibenzofuran	10.	U	10.	U			
121-14-2 2,4-Dinitrotoluene	10.	U	10.	U			
84-66-2 Diethylphthalate	10.	U	10.	U			
7005-72-3 4-Chlorophenylphenylether	10.	U	10.	U			
86-73-7 Fluorene	10.	U	10.	U			
100-01-6 4-Nitroaniline	50.	U	50.	U			
534-52-1 2-Methyl-4,6-Dinitrophenol	50.	U	50.	U			
86-30-6 N-Nitrosodiphenylamine	10.	U	10.	U			
101-55-3 4-Bromophenyl-phenylether	10.	U	10.	U			
118-74-1 Hexachlorobenzene	10.	U	10.	U			
87-86-5 Pentachlorophenol	50.	U	50.	U			
85-01-8 Phenanthrene	10.	U	10.	U			
120-12-7 Anthracene	10.	U	10.	U			
84-74-2 Di-n-butylphthalate	10.	U	10.	U			
206-44-0 Fluoranthene	10.	U	10.	U			
129-00-0 Pyrene	10.	U	10.	U			
85-68-7 Butylbenzylphthalate	10.	U	10.	U			
91-94-1 3,3'-Dichlorobenzidine	20.	U	20.	U			
56-55-3 Benzo(a)anthracene	10.	U	10.	U			
218-01-9 Chrysene	10.	U	10.	U			
117-81-7 bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U			
117-84-0 Di-n-octyl phthalate	10.	U	10.	U			
205-99-2 Benzo(b)fluoranthene	10.	U	10.	U			
207-08-9 Benzo(k)fluoranthene	10.	U	10.	U			
50-32-8 Benzo(a)pyrene	10.	U	10.	U			
193-39-5 Indeno(1,2,3-cd)pyrene	10.	U	10.	U			
53-70-3 Dibenz(a,h)anthracene	10.	U	10.	U			
191-24-2 Benzo(g,h,i)perylene	10.	U	10.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 636 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA

SAMPLE ID ------->	636-G-W001-01	636-G-W001-02
ORIGINAL ID ----->	636GW00101	636GW00102
LAB SAMPLE ID --->	27651.08	29475.02
ID FROM REPORT -->	636GW00101	636GW00102
SAMPLE DATE ----->	11/15/96	05/22/97
DATE ANALYZED --->	11/21/96	05/28/97
MATRIX ---------->	Water	Water
UNITS ---------->	UG/L	UG/L

CAS #	Parameter	27651	VAL	29437	VAL
74-87-3	Chloromethane	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U
67-64-1	Acetone	12.	U	10.	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
540-59-0	1,2-Dichloroethene (total)	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
75-27-4	Bromodichloromethane	5.	U	5.	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	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
10061-02-6	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	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	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
1330-20-7	Xylene (Total)	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

EXPLOSIVES									
	SAMPLE ID ------->	637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1	
	ORIGINAL ID ----->	637GW00102		637GW002A1		637GW003A1		637HW003A1	
	LAB SAMPLE ID --->	29475.03		29227.03		29227.01		29227.02	
	ID FROM REPORT -->	637GW00102		637GW002A1		637GW003A1		637HW003A1	
	SAMPLE DATE ----->	05/22/97		04/30/97		04/30/97		04/30/97	
	DATE EXTRACTED -->	05/23/97							
	DATE ANALYZED --->	05/28/97		05/04/97		05/04/97		05/04/97	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	29437	VAL	29227	VAL	29227	VAL	29227	VAL
2691-41-0	HMX	13.	U	13.	U	13.	U	13.	U
121-82-4	RDX (Cyclonite)	14.	U	14.	U	14.	U	14.	U
99-35-4	1,3,5-Trinitrobenzene	7.3	U	7.3	U	7.3	U	7.3	U
479-45-8	Tetryl	10.	U	38.		10.	U	10.	U
99-65-0	1,3-Dinitrobenzene	4.	U	4.	U	4.	U	4.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U	6.4	U	6.4	U	6.4	U
98-95-3	Nitrobenzene	7.	U	7.	U	7.	U	7.	U
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	U	9.4	U	9.4	U
121-14-2	2,4-Dinitrotoluene	5.7	U	5.7	U	5.7	U	5.7	U
88-72-2	o-Nitrotoluene	12.	U	12.	U	12.	U	12.	U
99-99-0	p-Nitrotoluene	8.	U	8.	U	8.	U	8.	U
99-08-1	m-Nitrotoluene	7.9	U	7.9	U	7.9	U	7.9	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

HYDRAZINE											
	SAMPLE ID ------->	637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1			
	ORIGINAL ID ----->	637GW00102		637GW002A1		637GW003A1		637HW003A1			
	LAB SAMPLE ID --->	29475.03		29227.01		29227.03		29227.02			
	ID FROM REPORT -->	637GW00102		637GW002A1		637GW003A1		637HW003A1			
	SAMPLE DATE ----->	05/22/97		04/30/97		04/30/97		04/30/97			
	DATE ANALYZED --->	05/28/97		05/01/97		05/01/97		05/01/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	29437	VAL	29227	VAL	29227	VAL	29227	VAL		
302-01-2	Hydrazine	5.	U	5.8		7.3		8.			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	637-G-W001-01		637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1			
	ORIGINAL ID ----->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1			
	LAB SAMPLE ID --->	27651.01		29475.03		29227.01		29227.03		29227.02			
	ID FROM REPORT -->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1			
	SAMPLE DATE ----->	11/15/96		05/22/97		04/30/97		04/30/97		04/30/97			
	DATE EXTRACTED -->	11/22/96		05/27/97		05/07/97		05/07/97		05/07/97			
	DATE ANALYZED --->	11/23/96		06/03/97		05/13/97		05/13/97		05/13/97			
	MATRIX ---------->	Water		Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27651	VAL	29437	VAL	29227	VAL	29227	VAL	29227	VAL		
7429-90-5	Aluminum (Al)	415.	J	96.6	J	67.8	J	154.		54.7	J		
7440-36-0	Antimony (Sb)	8.7	J	8.9	U	1.6	U	10.3	J	3.3	J		
7440-38-2	Arsenic (As)	7.6	J	4.3	J	2.1	UJ	7.9	J	2.1	UJ		
7440-39-3	Barium (Ba)	6000.		2840.	J	211.		6740.	J	202.	J		
7440-41-7	Beryllium (Be)	0.8	U	0.39	J	0.27	U	0.5	U	0.29	U		
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U	0.35	J	0.3	U	0.36	J		
7440-70-2	Calcium (Ca)	124000.		107000.	J	155000.		316000.	J	151000.	J		
7440-47-3	Chromium (Cr)	33.6		13.2		1.4	J	2.	J	8.2	J		
7440-48-4	Cobalt (Co)	0.9	U	2.1	U	1.2	J	2.4	J	2.1	J		
7440-50-8	Copper (Cu)	118.		43.4		2.1	U	6.3	U	1.9	U		
7439-89-6	Iron (Fe)	18800.		15900.	J	14900.		314.	J	12900.	J		
7439-92-1	Lead (Pb)	44.1		13.		1.2	J	13.3	J	0.9	UJ		
7439-95-4	Magnesium (Mg)	212000.		143000.	J	71400.		6020.	J	70100.	J		
7439-96-5	Manganese (Mn)	315.		214.	J	416.		15.	J	403.	J		
7439-97-6	Mercury (Hg)	0.47	U	0.1	U	0.1	U	0.1	U	0.33			
7440-02-0	Nickel (Ni)	5.	J	4.5	J	3.3	J	2.2	J	22.7	J		
7440-09-7	Potassium (K)	205000.		111000.		38000.		143000.	J	37500.	J		
7782-49-2	Selenium (Se)	2.8	U	4.2	J	3.4	U	3.4	U	3.4	U		
7440-22-4	Silver (Ag)	1.7	J	1.5	U	1.6	U	2.7	U	1.9	U		
7440-23-5	Sodium (Na)	3410000.		2070000.		644000.		3110000.	J	629000.	J		
7440-28-0	Thallium (Tl)	3.	J	5.	UJ	5.	U	5.	U	5.5	J		
7440-31-5	Tin (Sn)	2.6	U	14.	U	14.	U	14.	U	14.	U		
7440-62-2	Vanadium (V)	5.7	J	2.7	J	1.1	U	1.5	J	1.1	U		
7440-66-6	Zinc (Zn)	363.		185.		68.8		38.3	U	58.4			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST											
	SAMPLE ID ------->	637-G-W001-01		637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1	
	ORIGINAL ID ----->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	LAB SAMPLE ID --->	27651.01		29475.03		29227.01		29227.03		29227.02	
	ID FROM REPORT -->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	SAMPLE DATE ----->	11/15/96		05/22/97		04/30/97		04/30/97		04/30/97	
	DATE EXTRACTED -->	11/17/96		05/24/97		05/01/97		05/01/97		05/01/97	
	DATE ANALYZED --->	11/22/96		06/04/97		05/02/97		05/03/97		05/03/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	29227	VAL	29227	VAL	29227	VAL
319-84-6	alpha-BHC	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
319-86-8	delta-BHC	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
76-44-8	Heptachlor	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
309-00-2	Aldrin	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
1024-57-3	Heptachlor epoxide	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
959-98-8	Endosulfan I	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
60-57-1	Dieldrin	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
72-55-9	4,4'-DDE	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
72-20-8	Endrin	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
33213-65-9	Endosulfan II	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
72-54-8	4,4'-DDD	0.08	UJ	0.08	U	0.08	U	0.08	UJ	0.21	J
1031-07-8	Endosulfan sulfate	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
50-29-3	4,4'-DDT	0.08	UJ	0.08	U	0.08	U	0.08	UJ	0.12	J
72-43-5	Methoxychlor	0.38	UJ	0.38	U	0.38	U	0.38	U	0.38	U
53494-70-5	Endrin ketone	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
7421-93-4	Endrin aldehyde	0.08	UJ	0.08	U	0.08	U	0.08	U	0.08	U
5103-71-9	alpha-Chlordane	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
5103-74-2	gamma-Chlordane	0.04	UJ	0.04	U	0.04	U	0.04	U	0.04	U
8001-35-2	Toxaphene	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
12674-11-2	Aroclor-1016	1.	UJ	1.	U	1.	U	1.	U	1.	U
11104-28-2	Aroclor-1221	1.	UJ	1.	U	1.	U	1.	U	1.	U
11141-16-5	Aroclor-1232	1.	UJ	1.	U	1.	U	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	UJ	1.	U	1.	U	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	UJ	1.	U	1.	U	1.	U	1.	U
11097-69-1	Aroclor-1254	2.	UJ	2.	U	2.	U	2.	U	2.	U
11096-82-5	Aroclor-1260	2.	UJ	2.	U	2.	U	2.	U	2.	U

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	637-G-W001-01		637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1	
	ORIGINAL ID ----->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	LAB SAMPLE ID --->	27651.01		29475.03		29227.01		29227.03		29227.02	
	ID FROM REPORT -->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	SAMPLE DATE ----->	11/15/96		05/22/97		04/30/97		04/30/97		04/30/97	
	DATE EXTRACTED -->	11/18/96		05/28/97		05/01/97		05/01/97		05/01/97	
	DATE ANALYZED --->	12/04/96		05/30/97		05/06/97		05/06/97		05/06/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	29227	VAL	29227	VAL	29227	VAL
108-95-2	Phenol	6.	J	3.	J	10.	U	17.	J	2.	J
111-44-4	bis(2-Chloroethyl)ether	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
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	2.	J	10.	UJ	2.	J
100-51-6	Benzyl alcohol	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
95-48-7	2-Methylphenol (o-Cresol)	19.		10.	U	10.	U	25.	J	10.	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U	10.	U
106-44-5	4-Methylphenol (p-Cresol)	10.	U	3.	J	10.	U	50.	J	10.	UJ
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U	10.	U
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U	10.	U
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U	10.	U
78-59-1	Isophorone	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
105-67-9	2,4-Dimethylphenol	28.		6.	J	10.	U	48.	J	10.	UJ
65-85-0	Benzoic acid	50.	U	3.	J	50.	U	50.	U	50.	U
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U	10.	U
120-83-2	2,4-Dichlorophenol	4.	J	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
91-20-3	Naphthalene	20.		6.	J	10.	U	240.	D	10.	UJ
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U	10.	U
87-68-3	Hexachlorobutadiene	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
91-57-6	2-Methylnaphthalene	3.	J	1.	J	10.	U	39.	J	10.	UJ
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	UJ	10.	UJ	10.	UJ
88-06-2	2,4,6-Trichlorophenol	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
91-58-7	2-Chloronaphthalene	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
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U	10.	U
208-96-8	Acenaphthylene	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
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U	50.	U
83-32-9	Acenaphthene	10.	U	10.	U	3.	J	22.	J	3.	J
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	637-G-W001-01		637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1	
	ORIGINAL ID ----->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	LAB SAMPLE ID --->	27651.01		29475.03		29227.01		29227.03		29227.02	
	ID FROM REPORT -->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1	
	SAMPLE DATE ----->	11/15/96		05/22/97		04/30/97		04/30/97		04/30/97	
	DATE EXTRACTED -->	11/18/96		05/28/97		05/01/97		05/01/97		05/01/97	
	DATE ANALYZED --->	12/04/96		05/30/97		05/06/97		05/06/97		05/06/97	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	27651	VAL	29437	VAL	29227	VAL	29227	VAL	29227	VAL
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U
132-64-9	Dibenzofuran	10.	U	10.	U	1.	J	26.	J	1.	J
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	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
86-73-7	Fluorene	10.	U	10.	U	2.	J	28.	J	2.	J
100-01-6	4-Nitroaniline	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
86-30-6	N-Nitrosodiphenylamine	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
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	U	50.	U
85-01-8	Phenanthrene	1.	J	0.9	J	10.	U	55.	J	10.	UJ
120-12-7	Anthracene	10.	U	10.	U	10.	U	11.	J	10.	UJ
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	9.	J	10.	U
129-00-0	Pyrene	10.	U	10.	U	10.	U	6.	J	10.	U
85-68-7	Butylbenzylphthalate	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
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	10.	U
218-01-9	Chrysene	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
117-84-0	Di-n-octyl phthalate	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
207-08-9	Benzo(k)fluoranthene	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
193-39-5	Indeno(1,2,3-cd)pyrene	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
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 637 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA													
	SAMPLE ID ------->	637-G-W001-01		637-G-W001-02		637-G-W002-A1		637-G-W003-A1		637-H-W003-A1			
	ORIGINAL ID ----->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1			
	LAB SAMPLE ID --->	27651.01		29475.03		29227.01		29227.03		29227.02			
	ID FROM REPORT -->	637GW00101		637GW00102		637GW002A1		637GW003A1		637HW003A1			
	SAMPLE DATE ----->	11/15/96		05/22/97		04/30/97		04/30/97		04/30/97			
	DATE ANALYZED --->	11/22/96		05/28/97		05/02/97		05/02/97		05/02/97			
	MATRIX ---------->	Water		Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27651	VAL	29437	VAL	29227	VAL	29227	VAL	29227	VAL		
74-87-3	Chloromethane	100.	U	10.	U	10.	U	10.	U	10.	U		
74-83-9	Bromomethane	100.	U	10.	U	10.	U	10.	U	10.	U		
75-01-4	Vinyl chloride	100.	U	10.	U	10.	U	10.	U	10.	U		
75-00-3	Chloroethane	100.	U	10.	U	10.	U	10.	U	10.	U		
75-09-2	Methylene chloride	81.	U	5.	U	5.	U	5.	U	5.	U		
67-64-1	Acetone	100.	U	10.	U	25.		8.	J	5.	J		
75-15-0	Carbon disulfide	50.	U	5.	U	5.	U	5.	U	5.	U		
75-35-4	1,1-Dichloroethene	50.	U	5.	U	5.	U	5.	U	5.	U		
75-34-3	1,1-Dichloroethane	50.	U	5.	U	5.	U	5.	U	5.	U		
540-59-0	1,2-Dichloroethene (total)	50.	U	5.	U	5.	U	5.	U	5.	U		
67-66-3	Chloroform	50.	U	5.	U	5.	U	5.	U	5.	U		
107-06-2	1,2-Dichloroethane	50.	U	5.	U	5.	U	5.	U	5.	U		
78-93-3	2-Butanone (MEK)	100.	U	10.	U	10.	U	10.	U	10.	U		
71-55-6	1,1,1-Trichloroethane	50.	U	5.	U	5.	U	5.	U	5.	U		
56-23-5	Carbon tetrachloride	50.	U	5.	U	5.	U	5.	U	5.	U		
75-27-4	Bromodichloromethane	50.	U	5.	U	5.	U	5.	U	5.	U		
78-87-5	1,2-Dichloropropane	50.	U	5.	U	5.	U	5.	U	5.	U		
10061-01-5	cis-1,3-Dichloropropene	50.	U	5.	U	5.	U	5.	U	5.	U		
79-01-6	Trichloroethene	50.	U	5.	U	5.	U	5.	U	5.	U		
124-48-1	Dibromochloromethane	50.	U	5.	U	5.	U	5.	U	5.	U		
79-00-5	1,1,2-Trichloroethane	50.	U	5.	U	5.	U	5.	U	5.	U		
71-43-2	Benzene	55.		18.		5.	U	3.	J	5.	U		
10061-02-6	trans-1,3-Dichloropropene	50.	U	5.	U	5.	U	5.	U	5.	U		
75-25-2	Bromoform	50.	U	5.	U	5.	U	5.	U	5.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	22.	J	10.	U	10.	U	10.	U	10.	U		
591-78-6	2-Hexanone	100.	U	10.	U	10.	U	10.	U	10.	U		
127-18-4	Tetrachloroethene	50.	U	5.	U	5.	U	5.	U	5.	U		
79-34-5	1,1,2,2-Tetrachloroethane	50.	U	5.	U	5.	U	5.	U	5.	U		
108-88-3	Toluene	92.		36.		5.	U	2.	J	5.	U		
108-90-7	Chlorobenzene	38.	J	56.		7.		5.	U	2.	J		
100-41-4	Ethylbenzene	440.		160.		5.	U	5.	U	5.	U		
100-42-5	Styrene	50.	U	5.	U	5.	U	5.	U	5.	U		
1330-20-7	Xylene (Total)	6300.	J	1500.	D	5.	U	6.	J	5.	UJ		
108-05-4	Vinyl acetate	100.	U	10.	U	10.	U	10.	U	10.	U		
110-75-8	2-Chloroethyl vinyl ether	100.	UR	10.	U	10.	U	10.	U	10.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

CYANIDE							
	SAMPLE ID ------->	638-G-W001-01					
	ORIGINAL ID ----->	638GW00101					
	LAB SAMPLE ID --->	27755.01					
	ID FROM REPORT -->	638GW00101					
	SAMPLE DATE ----->	11/22/96					
	DATE EXTRACTED -->	12/03/96					
	DATE ANALYZED --->	12/04/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	27715	VAL				
57-12-5	Cyanide (CN)	2.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

SW846-META									
	SAMPLE ID ------->	638-G-W001-01		638-G-W001-02					
	ORIGINAL ID ----->	638GW00101		638GW00102					
	LAB SAMPLE ID --->	27755.01		29487.02					
	ID FROM REPORT -->	638GW00101		638GW00102					
	SAMPLE DATE ----->	11/22/96		05/23/97					
	DATE EXTRACTED -->	12/04/96		05/28/97					
	DATE ANALYZED --->	12/08/96		06/05/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27715	VAL	29437	VAL				
7429-90-5	Aluminum (Al)	26.7	J	14.	UJ				
7440-36-0	Antimony (Sb)	2.1	U	3.4	U				
7440-38-2	Arsenic (As)	5.1	J	5.	J				
7440-39-3	Barium (Ba)	23.8	J	16.4	J				
7440-41-7	Beryllium (Be)	0.3	U	0.2	UJ				
7440-43-9	Cadmium (Cd)	0.5	U	0.3	U				
7440-70-2	Calcium (Ca)	89500.		69000.	J				
7440-47-3	Chromium (Cr)	0.8	U	1.	U				
7440-48-4	Cobalt (Co)	0.9	U	2.6	U				
7440-50-8	Copper (Cu)	0.6	U	1.4	U				
7439-89-6	Iron (Fe)	6680.		5870.	J				
7439-92-1	Lead (Pb)	1.7	UJ	0.9	UJ				
7439-95-4	Magnesium (Mg)	259000.		224000.	J				
7439-96-5	Manganese (Mn)	196.		116.	J				
7439-97-6	Mercury (Hg)	0.2	U	0.1	U				
7440-02-0	Nickel (Ni)	0.8	U	0.83	J				
7440-09-7	Potassium (K)	109000.		146000.					
7782-49-2	Selenium (Se)	2.8	UJ	3.4	U				
7440-22-4	Silver (Ag)	1.2	U	1.	U				
7440-23-5	Sodium (Na)	2520000.		2620000.					
7440-28-0	Thallium (Tl)	2.7	U	6.4	J				
7440-31-5	Tin (Sn)	2.9	U	14.	U				
7440-62-2	Vanadium (V)	0.67	U	1.1	U				
7440-66-6	Zinc (Zn)	5.3	U	5.8	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

SW846-PEST									
	SAMPLE ID ------->	638-G-W001-01		638-G-W001-02					
	ORIGINAL ID ----->	638GW00101		638GW00102					
	LAB SAMPLE ID --->	27755.01		29487.02					
	ID FROM REPORT -->	638GW00101		638GW00102					
	SAMPLE DATE ----->	11/22/96		05/23/97					
	DATE EXTRACTED -->	11/24/96		05/24/97					
	DATE ANALYZED --->	12/02/96		06/04/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27715	VAL	29437	VAL				
319-84-6	alpha-BHC	0.04	U	0.04	U				
319-85-7	beta-BHC	0.04	U	0.04	U				
319-86-8	delta-BHC	0.04	U	0.04	U				
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U				
76-44-8	Heptachlor	0.04	U	0.04	U				
309-00-2	Aldrin	0.04	U	0.04	U				
1024-57-3	Heptachlor epoxide	0.04	U	0.04	U				
959-98-8	Endosulfan I	0.04	U	0.04	U				
60-57-1	Dieldrin	0.08	U	0.08	U				
72-55-9	4,4'-DDE	0.08	U	0.08	U				
72-20-8	Endrin	0.08	U	0.08	U				
33213-65-9	Endosulfan II	0.08	U	0.08	U				
72-54-8	4,4'-DDD	0.08	U	0.08	U				
1031-07-8	Endosulfan sulfate	0.08	U	0.08	U				
50-29-3	4,4'-DDT	0.08	U	0.08	U				
72-43-5	Methoxychlor	0.38	U	0.38	U				
53494-70-5	Endrin ketone	0.08	U	0.08	U				
7421-93-4	Endrin aldehyde	0.08	U	0.08	U				
5103-71-9	alpha-Chlordane	0.04	U	0.04	U				
5103-74-2	gamma-Chlordane	0.04	U	0.04	U				
8001-35-2	Toxaphene	2.5	U	2.5	U				
12674-11-2	Aroclor-1016	1.	U	1.	U				
11104-28-2	Aroclor-1221	1.	U	1.	U				
11141-16-5	Aroclor-1232	1.	U	1.	U				
53469-21-9	Aroclor-1242	1.	U	1.	U				
12672-29-6	Aroclor-1248	1.	U	1.	U				
11097-69-1	Aroclor-1254	2.	U	2.	U				
11096-82-5	Aroclor-1260	2.	U	2.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA								
	SAMPLE ID ------->	638-G-W001-01		638-G-W001-02				
	ORIGINAL ID ----->	638GW00101		638GW00102				
	LAB SAMPLE ID --->	27755.01		29487.02				
	ID FROM REPORT -->	638GW00101		638GW00102				
	SAMPLE DATE ----->	11/22/96		05/23/97				
	DATE EXTRACTED -->	11/25/96		05/27/97				
	DATE ANALYZED --->	12/08/96		06/01/97				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	27715	VAL	29437	VAL			
108-95-2	Phenol	10.	U	10.	U			
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U			
95-57-8	2-Chlorophenol	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U			
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U			
100-51-6	Benzyl alcohol	10.	U	10.	U			
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U			
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U			
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U			
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U			
67-72-1	Hexachloroethane	10.	U	10.	U			
98-95-3	Nitrobenzene	10.	U	10.	U			
78-59-1	Isophorone	10.	U	10.	U			
88-75-5	2-Nitrophenol	10.	U	10.	U			
105-67-9	2,4-Dimethylphenol	10.	U	10.	U			
65-85-0	Benzoic acid	50.	U	50.	U			
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U			
120-83-2	2,4-Dichlorophenol	10.	U	10.	U			
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U			
91-20-3	Naphthalene	10.	U	10.	U			
106-47-8	4-Chloroaniline	10.	U	10.	U			
87-68-3	Hexachlorobutadiene	10.	U	10.	U			
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U			
91-57-6	2-Methylnaphthalene	10.	U	10.	U			
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U			
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U			
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U			
91-58-7	2-Chloronaphthalene	10.	U	10.	U			
88-74-4	2-Nitroaniline	50.	U	50.	U			
131-11-3	Dimethyl phthalate	10.	U	10.	U			
208-96-8	Acenaphthylene	10.	U	10.	U			
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U			
99-09-2	3-Nitroaniline	50.	U	50.	U			
83-32-9	Acenaphthene	10.	U	10.	U			
51-28-5	2,4-Dinitrophenol	50.	U	50.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA									
	SAMPLE ID ------->	638-G-W001-01		638-G-W001-02					
	ORIGINAL ID ----->	638GW00101		638GW00102					
	LAB SAMPLE ID --->	27755.01		29487.02					
	ID FROM REPORT -->	638GW00101		638GW00102					
	SAMPLE DATE ----->	11/22/96		05/23/97					
	DATE EXTRACTED -->	11/25/96		05/27/97					
	DATE ANALYZED --->	12/08/96		06/01/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27715	VAL	29437	VAL				
100-02-7	4-Nitrophenol	50.	U	50.	U				
132-64-9	Dibenzofuran	10.	U	10.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U				
84-66-2	Diethylphthalate	10.	U	10.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U				
86-73-7	Fluorene	10.	U	10.	U				
100-01-6	4-Nitroaniline	50.	U	50.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U				
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U				
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U				
118-74-1	Hexachlorobenzene	10.	U	10.	U				
87-86-5	Pentachlorophenol	50.	U	50.	U				
85-01-8	Phenanthrene	10.	U	10.	U				
120-12-7	Anthracene	10.	U	10.	U				
84-74-2	Di-n-butylphthalate	10.	U	10.	U				
206-44-0	Fluoranthene	10.	U	10.	U				
129-00-0	Pyrene	10.	U	10.	U				
85-68-7	Butylbenzylphthalate	10.	U	10.	U				
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U				
56-55-3	Benzo(a)anthracene	10.	U	10.	U				
218-01-9	Chrysene	10.	U	10.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U				
117-84-0	Di-n-octyl phthalate	10.	U	10.	U				
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U				
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U				
50-32-8	Benzo(a)pyrene	10.	U	10.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U				
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U				
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U				

*** Validation complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 638 QUARTERLY GROUNDWATER SAMPLES

SW846-VOA									
	SAMPLE ID ------->	638-G-W001-01		638-G-W001-02					
	ORIGINAL ID ----->	638GW00101		638GW00102					
	LAB SAMPLE ID --->	27755.01		29487.02					
	ID FROM REPORT -->	638GW00101		638GW00102					
	SAMPLE DATE ----->	11/22/96		05/23/97					
	DATE ANALYZED --->	12/02/96		05/29/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	27715	VAL	29437	VAL				
74-87-3	Chloromethane	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	10.	UJ	10.	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				
540-59-0	1,2-Dichloroethene (total)	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				
75-27-4	Bromodichloromethane	5.	U	5.	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	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				
10061-02-6	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	10.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	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				
1330-20-7	Xylene (Total)	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				
110-75-8	2-Chloroethyl vinyl ether	10.	UR	10.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 706 QUARTERLY GROUNDWATER SAMPLES

SW846-META

SAMPLE ID ------->	706-G-W001-A1
ORIGINAL ID ----->	706GW001A1
LAB SAMPLE ID --->	29227.04
ID FROM REPORT -->	706GW001A1
SAMPLE DATE ----->	04/30/97
DATE EXTRACTED -->	05/07/97
DATE ANALYZED --->	05/13/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	29227	VAL
7429-90-5	Aluminum (Al)	8.	U
7440-36-0	Antimony (Sb)	3.8	J
7440-38-2	Arsenic (As)	7.3	J
7440-39-3	Barium (Ba)	539.	
7440-41-7	Beryllium (Be)	0.72	U
7440-43-9	Cadmium (Cd)	0.4	J
7440-70-2	Calcium (Ca)	195000.	
7440-47-3	Chromium (Cr)	5.2	J
7440-48-4	Cobalt (Co)	3.4	J
7440-50-8	Copper (Cu)	1.4	U
7439-89-6	Iron (Fe)	23300.	
7439-92-1	Lead (Pb)	0.9	U
7439-95-4	Magnesium (Mg)	809000.	
7439-96-5	Manganese (Mn)	1100.	
7439-97-6	Mercury (Hg)	0.1	U
7440-02-0	Nickel (Ni)	13.7	J
7440-09-7	Potassium (K)	221000.	
7782-49-2	Selenium (Se)	3.4	U
7440-22-4	Silver (Ag)	1.3	U
7440-23-5	Sodium (Na)	7100000.	
7440-28-0	Thallium (Tl)	9.	J
7440-31-5	Tin (Sn)	14.	U
7440-62-2	Vanadium (V)	2.6	J
7440-66-6	Zinc (Zn)	39.9	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 706 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	706-G-W001-A1
ORIGINAL ID ----->	706GW001A1
LAB SAMPLE ID --->	29227.04
ID FROM REPORT -->	706GW001A1
SAMPLE DATE ----->	04/30/97
DATE EXTRACTED -->	05/01/97
DATE ANALYZED --->	05/06/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	29227	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)	1.	J
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.	UJ
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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE 706 QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	706-G-W001-A1
ORIGINAL ID ----->	706GW001A1
LAB SAMPLE ID --->	29227.04
ID FROM REPORT -->	706GW001A1
SAMPLE DATE ----->	04/30/97
DATE EXTRACTED -->	05/01/97
DATE ANALYZED --->	05/06/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	29227	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

CHLORIDE							
	SAMPLE ID ------->	GDG-G-W001-01	GDG-G-W002-01	GDG-G-W01D-01	GDG-G-W02D-01		
	ORIGINAL ID ----->	GDGGW00101	GDGGW00201	GDGGW01D01	GDGGW02D01		
	LAB SAMPLE ID --->	27675.01	27675.03	27675.02	27675.04		
	ID FROM REPORT -->	GDGGW00101	GDGGW00201	GDGGW01D01	GDGGW02D01		
	SAMPLE DATE ----->	11/16/96	11/17/96	11/17/96	11/17/96		
	DATE ANALYZED --->	12/03/96	12/03/96	12/03/96	12/03/96		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	27651 VAL	27651 VAL	27651 VAL	27651 VAL		
16887-00-6	Chloride	7500.	760.	10000.	1160.		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

CYANIDE													
	SAMPLE ID ------->	GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01					
	ORIGINAL ID ----->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01					
	LAB SAMPLE ID --->	27675.01		27675.03		27675.02		27675.04					
	ID FROM REPORT -->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01					
	SAMPLE DATE ----->	11/16/96		11/17/96		11/17/96		11/17/96					
	DATE EXTRACTED -->	11/22/96		11/22/96		11/22/96		11/22/96					
	DATE ANALYZED --->	11/23/96		11/23/96		11/23/96		11/23/96					
	MATRIX ---------->	Water		Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L					
CAS #	Parameter	27651	VAL	27651	VAL	27651	VAL	27651	VAL				
57-12-5	Cyanide (CN)	2.	U	2.	U	6.7	U	3.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SULFATE									
	SAMPLE ID ------->	GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01	
	ORIGINAL ID ----->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01	
	LAB SAMPLE ID --->	27675.01		27675.03		27675.02		27675.04	
	ID FROM REPORT -->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01	
	SAMPLE DATE ----->	11/16/96		11/17/96		11/17/96		11/17/96	
	DATE ANALYZED --->	12/03/96		12/03/96		12/03/96		12/03/96	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L	
CAS #	Parameter	27651	VAL	27651	VAL	27651	VAL	27651	VAL
14808-79-8	Sulfate	3.6		25.2		2.6		190.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SW846-META											
	SAMPLE ID ------->	GDG-G-W001-A1		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01			
	ORIGINAL ID ----->	GDGGW001A1		GDGGW00201		GDGGW01D01		GDGGW02D01			
	LAB SAMPLE ID --->	28328.06		27675.03		27675.02		27675.04			
	ID FROM REPORT -->	GDGGW001A1		GDGGW00201		GDGGW01D01		GDGGW02D01			
	SAMPLE DATE ----->	01/29/97		11/17/96		11/17/96		11/17/96			
	DATE EXTRACTED -->	01/31/97		11/22/96		11/22/96		11/22/96			
	DATE ANALYZED --->	01/31/97		11/23/96		11/23/96		11/23/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	28308	VAL	27651	VAL	27651	VAL	27651	VAL		
7429-90-5	Aluminum (Al)	715.		176.	J	23.	U	23.	U		
7440-36-0	Antimony (Sb)	3.2	J	2.1	U	2.1	U	2.1	U		
7440-38-2	Arsenic (As)	126.		7.8	J	2.9	J	52.3			
7440-39-3	Barium (Ba)	623.	J	13.6		107.		220.			
7440-41-7	Beryllium (Be)	0.53	U	0.76	U	1.4	U	0.77	U		
7440-43-9	Cadmium (Cd)	0.5	U	0.5	U	0.5	U	0.5	U		
7440-70-2	Calcium (Ca)	145000.	J	91400.		116000.		336000.			
7440-47-3	Chromium (Cr)	3.7	J	2.3	U	1.	U	0.86	U		
7440-48-4	Cobalt (Co)	0.9	U	0.9	U	0.9	U	9.4	J		
7440-50-8	Copper (Cu)	29.9		0.6	U	3.7	U	0.6	U		
7439-89-6	Iron (Fe)	4160.	J	28200.		2080.		16500.			
7439-92-1	Lead (Pb)	14.5		1.7	UJ	1.7	UJ	1.7	UJ		
7439-95-4	Magnesium (Mg)	216000.	J	100000.		624000.		91600.			
7439-96-5	Manganese (Mn)	212.	J	2630.		329.		9030.			
7439-97-6	Mercury (Hg)	0.1	U	0.14	U	0.12	U	0.31	U		
7440-02-0	Nickel (Ni)	4.3	J	2.	J	0.8	UJ	21.3	J		
7440-09-7	Potassium (K)	71700.		46400.		186000.		15700.			
7782-49-2	Selenium (Se)	2.8	U	2.8	U	2.8	U	2.8	U		
7440-22-4	Silver (Ag)	1.2	U	1.7	J	1.2	U	4.2	J		
7440-23-5	Sodium (Na)	1600000.		694000.		5870000.		533000.			
7440-28-0	Thallium (Tl)	2.7	U	2.7	U	2.7	U	2.7	U		
7440-31-5	Tin (Sn)	2.6	U	2.6	U	2.6	U	2.6	U		
7440-62-2	Vanadium (V)	12.4	J	2.7	J	0.5	U	0.5	U		
7440-66-6	Zinc (Zn)	90.2		5.3	U	30.5	U	15.7	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SW846-PEST

SAMPLE ID ------->		GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01			
ORIGINAL ID ----->		GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
LAB SAMPLE ID --->		27675.01		27675.03		27675.02		27675.04			
ID FROM REPORT -->		GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
SAMPLE DATE ----->		11/16/96		11/17/96		11/17/96		11/17/96			
DATE EXTRACTED -->		11/20/96		11/20/96		11/20/96		11/20/96			
DATE ANALYZED --->		11/27/96		11/27/96		11/27/96		11/27/96			
MATRIX ---------->		Water		Water		Water		Water			
UNITS ---------->		UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27651	VAL	27651	VAL	27651	VAL	27651	VAL		
319-84-6	alpha-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U		
319-85-7	beta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U		
319-86-8	delta-BHC	0.04	U	0.04	UJ	0.04	U	0.04	U		
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	UJ	0.04	U	0.04	U		
76-44-8	Heptachlor	0.04	U	0.04	UJ	0.04	U	0.04	U		
309-00-2	Aldrin	0.04	U	0.04	UJ	0.04	U	0.04	U		
1024-57-3	Heptachlor epoxide	0.04	U	0.04	UJ	0.04	U	0.04	U		
959-98-8	Endosulfan I	0.04	U	0.04	UJ	0.04	U	0.04	U		
60-57-1	Dieldrin	0.08	U	0.08	UJ	0.08	U	0.08	U		
72-55-9	4,4'-DDE	0.08	U	0.08	UJ	0.08	U	0.08	U		
72-20-8	Endrin	0.08	U	0.08	UJ	0.08	U	0.08	U		
33213-65-9	Endosulfan II	0.08	U	0.08	UJ	0.08	U	0.08	U		
72-54-8	4,4'-DDD	0.08	U	0.08	UJ	0.08	U	0.08	U		
1031-07-8	Endosulfan sulfate	0.08	U	0.08	UJ	0.08	U	0.08	U		
50-29-3	4,4'-DDT	0.08	U	0.08	UJ	0.08	U	0.08	U		
72-43-5	Methoxychlor	0.38	U	0.38	UJ	0.38	U	0.38	U		
53494-70-5	Endrin ketone	0.08	U	0.08	UJ	0.08	U	0.08	U		
7421-93-4	Endrin aldehyde	0.08	U	0.08	UJ	0.08	U	0.08	U		
5103-71-9	alpha-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	U		
5103-74-2	gamma-Chlordane	0.04	U	0.04	UJ	0.04	U	0.04	U		
8001-35-2	Toxaphene	2.5	U	2.5	UJ	2.5	U	2.5	U		
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	U	1.	U		
11104-28-2	Aroclor-1221	1.	U	1.	UJ	1.	U	1.	U		
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	U	1.	U		
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	U	1.	U		
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	U	1.	U		
11097-69-1	Aroclor-1254	2.	U	2.	UJ	2.	U	2.	U		
11096-82-5	Aroclor-1260	2.	U	2.	UJ	2.	U	2.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01			
	ORIGINAL ID ----->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
	LAB SAMPLE ID --->	27675.01		27675.03		27675.02		27675.04			
	ID FROM REPORT -->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
	SAMPLE DATE ----->	11/16/96		11/17/96		11/17/96		11/17/96			
	DATE EXTRACTED -->	11/20/96		11/20/96		11/20/96		11/20/96			
	DATE ANALYZED --->	12/04/96		12/04/96		12/04/96		12/04/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27651	VAL	27651	VAL	27651	VAL	27651	VAL		
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	UR		
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U		
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	UR		
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	UR		
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	UR		
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U		
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	UR		
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U		
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U		
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U		
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U		
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	UR		
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	UR		
65-85-0	Benzoic acid	1.	J	50.	U	50.	U	50.	U		
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U		
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	UR		
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U		
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U		
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U		
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U		
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	UR		
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U		
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U		
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	UR		
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	UR		
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U		
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U		
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U		
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U		
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U		
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U		
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U		
51-28-5	2,4-Dinitrophenol	50.	U	50.	UJ	50.	UJ	50.	UR		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SW846-SVOA

SAMPLE ID ------->	GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01		
ORIGINAL ID ----->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01		
LAB SAMPLE ID --->	27675.01		27675.03		27675.02		27675.04		
ID FROM REPORT -->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01		
SAMPLE DATE ----->	11/16/96		11/17/96		11/17/96		11/17/96		
DATE EXTRACTED -->	11/20/96		11/20/96		11/20/96		11/20/96		
DATE ANALYZED --->	12/04/96		12/04/96		12/04/96		12/04/96		
MATRIX ---------->	Water		Water		Water		Water		
UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS # Parameter	27651	VAL	27651	VAL	27651	VAL	27651	VAL	
100-02-7 4-Nitrophenol	50.	U	50.	U	50.	U	50.	UR	
132-64-9 Dibenzofuran	10.	U	10.	U	10.	U	10.	U	
121-14-2 2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	
84-66-2 Diethylphthalate	10.	U	10.	U	10.	U	10.	U	
7005-72-3 4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	
86-73-7 Fluorene	10.	U	10.	U	10.	U	10.	U	
100-01-6 4-Nitroaniline	50.	U	50.	U	50.	U	50.	U	
534-52-1 2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	UR	
86-30-6 N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U	
101-55-3 4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U	
118-74-1 Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U	
87-86-5 Pentachlorophenol	50.	U	50.	U	50.	U	50.	UR	
85-01-8 Phenanthrene	10.	U	10.	U	10.	U	10.	U	
120-12-7 Anthracene	10.	U	10.	U	10.	U	10.	U	
84-74-2 Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U	
206-44-0 Fluoranthene	10.	U	10.	U	10.	U	10.	U	
129-00-0 Pyrene	10.	U	10.	U	10.	U	10.	U	
85-68-7 Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U	
91-94-1 3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U	20.	U	
56-55-3 Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U	
218-01-9 Chrysene	10.	U	10.	U	10.	U	10.	U	
117-81-7 bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U	10.	U	10.	U	
117-84-0 Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U	
205-99-2 Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U	
207-08-9 Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U	
50-32-8 Benzo(a)pyrene	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	
53-70-3 Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U	
191-24-2 Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

SW846-VOA											
	SAMPLE ID ------->	GDG-G-W001-01		GDG-G-W002-01		GDG-G-W01D-01		GDG-G-W02D-01			
	ORIGINAL ID ----->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
	LAB SAMPLE ID --->	27675.01		27675.03		27675.02		27675.04			
	ID FROM REPORT -->	GDGGW00101		GDGGW00201		GDGGW01D01		GDGGW02D01			
	SAMPLE DATE ----->	11/16/96		11/17/96		11/17/96		11/17/96			
	DATE ANALYZED --->	11/20/96		11/20/96		11/20/96		11/20/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	27651	VAL	27651	VAL	27651	VAL	27651	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	7.	U	7.	U	8.	U	7.	U		
67-64-1	Acetone	10.	U	10.	U	11.	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		
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		
10061-01-5	cis-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		
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U		
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U		
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U		
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U		
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U		
108-88-3	Toluene	5.	U	5.	U	2.	J	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		
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U		
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
SITE GDG QUARTERLY GROUNDWATER SAMPLES

TDS							
	SAMPLE ID ------->	GDG-G-W001-01	GDG-G-W002-01	GDG-G-W01D-01	GDG-G-W02D-01		
	ORIGINAL ID ----->	GDGGW00101	GDGGW00201	GDGGW01D01	GDGGW02D01		
	LAB SAMPLE ID --->	27675.01	27675.03	27675.02	27675.04		
	ID FROM REPORT -->	GDGGW00101	GDGGW00201	GDGGW01D01	GDGGW02D01		
	SAMPLE DATE ----->	11/16/96	11/17/96	11/17/96	11/17/96		
	DATE ANALYZED --->	11/22/96	11/22/96	11/22/96	11/22/96		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	27651 VAL	27651 VAL	27651 VAL	27651 VAL		
9999900-07-2	Total Dissolved Solids (TDS)	15100.	2500.	18500.	2690.		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 011 SEDIMENT

PH							
	SAMPLE ID ------->	011-M-0001-01	011-M-0002-01				
	ORIGINAL ID ----->	011M000101	011M000201				
	LAB SAMPLE ID --->	27115.19	27115.20				
	ID FROM REPORT -->	011M000101	011M000201				
	SAMPLE DATE ----->	09/26/96	09/26/96				
	DATE ANALYZED --->	10/04/96	10/04/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	SU	SU				
CAS #	Parameter	27115	27115				
9999900-09-4	pH	12.	7.83				

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 011 SEDIMENT

SW846-META

SAMPLE ID ------->	011-M-0001-01	011-M-0002-01
ORIGINAL ID ----->	011M000101	011M000201
LAB SAMPLE ID --->	27115.19	27115.20
ID FROM REPORT -->	011M000101	011M000201
SAMPLE DATE ----->	09/26/96	09/26/96
DATE EXTRACTED -->	10/03/96	10/03/96
DATE ANALYZED --->	10/16/96	10/16/96
MATRIX ---------->	Sediment	Sediment
UNITS ---------->	MG/KG	MG/KG

CAS #	Parameter	27115	VAL	27115	VAL
7429-90-5	Aluminum (Al)	2960.		3180.	
7440-36-0	Antimony (Sb)	0.41	U	0.38	U
7440-38-2	Arsenic (As)	1.6		1.4	
7440-39-3	Barium (Ba)	15.7		7.3	
7440-41-7	Beryllium (Be)	0.22	U	0.18	U
7440-43-9	Cadmium (Cd)	0.13	J	0.09	J
7440-70-2	Calcium (Ca)	35000.		7310.	
7440-47-3	Chromium (Cr)	6.7		5.6	
7440-48-4	Cobalt (Co)	1.2	J	1.1	J
7440-50-8	Copper (Cu)	4.1	U	2.	U
7439-89-6	Iron (Fe)	3180.		2940.	
7439-92-1	Lead (Pb)	21.		6.3	
7439-95-4	Magnesium (Mg)	565.		284.	
7439-96-5	Manganese (Mn)	38.7		12.8	
7439-97-6	Mercury (Hg)	2.1		0.05	
7440-02-0	Nickel (Ni)	2.6	U	2.	U
7440-09-7	Potassium (K)	273.	U	255.	U
7782-49-2	Selenium (Se)	0.41	U	0.38	U
7440-22-4	Silver (Ag)	0.4	J	0.42	J
7440-23-5	Sodium (Na)	316.	U	172.	U
7440-28-0	Thallium (Tl)	0.46	U	0.43	U
7440-31-5	Tin (Sn)	1.5	U	1.7	U
7440-62-2	Vanadium (V)	6.8		5.5	
7440-66-6	Zinc (Zn)	30.	U	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 120 SEDIMENT

SW846-META

SAMPLE ID ------->	120-M-0001-01
ORIGINAL ID ----->	120M000101
LAB SAMPLE ID --->	27159.11
ID FROM REPORT -->	120M000101
SAMPLE DATE ----->	10/01/96
DATE EXTRACTED -->	10/09/96
DATE ANALYZED --->	10/17/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	27159	VAL
7429-90-5	Aluminum (Al)	2310.	
7440-36-0	Antimony (Sb)	3.	J
7440-38-2	Arsenic (As)	13.9	
7440-39-3	Barium (Ba)	275.	
7440-41-7	Beryllium (Be)	0.24	U
7440-43-9	Cadmium (Cd)	5.2	
7440-70-2	Calcium (Ca)	95200.	
7440-47-3	Chromium (Cr)	57.3	
7440-48-4	Cobalt (Co)	8.3	
7440-50-8	Copper (Cu)	1110.	
7439-89-6	Iron (Fe)	61200.	
7439-92-1	Lead (Pb)	241.	
7439-95-4	Magnesium (Mg)	2180.	
7439-96-5	Manganese (Mn)	481.	
7439-97-6	Mercury (Hg)	0.05	U
7440-02-0	Nickel (Ni)	65.5	
7440-09-7	Potassium (K)	325.	J
7782-49-2	Selenium (Se)	1.3	
7440-22-4	Silver (Ag)	0.29	U
7440-23-5	Sodium (Na)	289.	U
7440-28-0	Thallium (Tl)	1.3	J
7440-31-5	Tin (Sn)	25.9	
7440-62-2	Vanadium (V)	10.8	
7440-66-6	Zinc (Zn)	1020.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 120 SEDIMENT

SW846-PEST

SAMPLE ID ------->	120-M-0001-01
ORIGINAL ID ----->	120M000101
LAB SAMPLE ID --->	27159.11
ID FROM REPORT -->	120M000101
SAMPLE DATE ----->	10/01/96
DATE EXTRACTED -->	10/02/96
DATE ANALYZED --->	10/25/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	27159	VAL
319-84-6	alpha-BHC	2.	U
319-85-7	beta-BHC	2.	U
319-86-8	delta-BHC	2.	U
58-89-9	gamma-BHC (Lindane)	2.	U
76-44-8	Heptachlor	2.	U
309-00-2	Aldrin	2.	U
1024-57-3	Heptachlor epoxide	2.	U
959-98-8	Endosulfan I	2.	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	33.	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	8.6	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	9.8	U
5103-71-9	alpha-Chlordane	2.	U
5103-74-2	gamma-Chlordane	2.	U
8001-35-2	Toxaphene	130.	U
12674-11-2	Aroclor-1016	51.	U
11104-28-2	Aroclor-1221	51.	U
11141-16-5	Aroclor-1232	51.	U
53469-21-9	Aroclor-1242	51.	U
12672-29-6	Aroclor-1248	51.	U
11097-69-1	Aroclor-1254	100.	U
11096-82-5	Aroclor-1260	100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 120 SEDIMENT

SW846-SVOA

SAMPLE ID ------->	120-M-0001-01
ORIGINAL ID ----->	120M000101
LAB SAMPLE ID --->	27159.11
ID FROM REPORT -->	120M000101
SAMPLE DATE ----->	10/01/96
DATE EXTRACTED -->	10/02/96
DATE ANALYZED --->	10/18/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	27159	VAL
108-95-2	Phenol	560.	
111-44-4	bis(2-Chloroethyl)ether	510.	U
95-57-8	2-Chlorophenol	510.	U
541-73-1	1,3-Dichlorobenzene	510.	U
106-46-7	1,4-Dichlorobenzene	510.	U
100-51-6	Benzyl alcohol	3900.	
95-50-1	1,2-Dichlorobenzene	510.	U
95-48-7	2-Methylphenol (o-Cresol)	510.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	510.	U
106-44-5	4-Methylphenol (p-Cresol)	290.	J
621-64-7	N-Nitroso-di-n-propylamine	510.	U
67-72-1	Hexachloroethane	510.	U
98-95-3	Nitrobenzene	510.	U
78-59-1	Isophorone	510.	U
88-75-5	2-Nitrophenol	510.	U
105-67-9	2,4-Dimethylphenol	510.	U
65-85-0	Benzoic acid	380.	J
111-91-1	bis(2-Chloroethoxy)methane	510.	U
120-83-2	2,4-Dichlorophenol	510.	U
120-82-1	1,2,4-Trichlorobenzene	510.	U
91-20-3	Naphthalene	54.	J
106-47-8	4-Chloroaniline	510.	U
87-68-3	Hexachlorobutadiene	510.	U
59-50-7	4-Chloro-3-methylphenol	510.	U
91-57-6	2-Methylnaphthalene	74.	J
77-47-4	Hexachlorocyclopentadiene	510.	U
88-06-2	2,4,6-Trichlorophenol	510.	U
95-95-4	2,4,5-Trichlorophenol	2500.	U
91-58-7	2-Chloronaphthalene	510.	U
88-74-4	2-Nitroaniline	2500.	U
131-11-3	Dimethyl phthalate	510.	U
208-96-8	Acenaphthylene	510.	U
606-20-2	2,6-Dinitrotoluene	510.	U
99-09-2	3-Nitroaniline	2500.	U
83-32-9	Acenaphthene	510.	U
51-28-5	2,4-Dinitrophenol	2500.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 120 SEDIMENT

SW846-SVOA

SAMPLE ID ------->	120-M-0001-01
ORIGINAL ID ----->	120M000101
LAB SAMPLE ID --->	27159.11
ID FROM REPORT -->	120M000101
SAMPLE DATE ----->	10/01/96
DATE EXTRACTED -->	10/02/96
DATE ANALYZED --->	10/18/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	27159	VAL
100-02-7	4-Nitrophenol	2500.	U
132-64-9	Dibenzofuran	510.	U
121-14-2	2,4-Dinitrotoluene	510.	U
84-66-2	Diethylphthalate	510.	U
7005-72-3	4-Chlorophenylphenylether	510.	U
86-73-7	Fluorene	96.	J
100-01-6	4-Nitroaniline	2500.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2500.	U
86-30-6	N-Nitrosodiphenylamine	510.	U
101-55-3	4-Bromophenyl-phenylether	510.	U
118-74-1	Hexachlorobenzene	510.	U
87-86-5	Pentachlorophenol	2500.	U
85-01-8	Phenanthrene	520.	
120-12-7	Anthracene	85.	J
84-74-2	Di-n-butylphthalate	370.	J
206-44-0	Fluoranthene	700.	
129-00-0	Pyrene	410.	J
85-68-7	Butylbenzylphthalate	3000.	
91-94-1	3,3'-Dichlorobenzidine	1000.	U
56-55-3	Benzo(a)anthracene	72.	J
218-01-9	Chrysene	160.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	7700.	U
117-84-0	Di-n-octyl phthalate	320.	J
205-99-2	Benzo(b)fluoranthene	510.	U
207-08-9	Benzo(k)fluoranthene	510.	U
50-32-8	Benzo(a)pyrene	510.	U
193-39-5	Indeno(1,2,3-cd)pyrene	510.	U
53-70-3	Dibenz(a,h)anthracene	510.	U
191-24-2	Benzo(g,h,i)perylene	510.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 120 SEDIMENT

SW846-VOA

SAMPLE ID ------->	120-M-0001-01 RE
ORIGINAL ID ----->	120M000101
LAB SAMPLE ID --->	27159.11
ID FROM REPORT -->	120M000101
SAMPLE DATE ----->	10/01/96
DATE ANALYZED --->	10/14/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	27159	VAL
74-87-3	Chloromethane	15.	UJ
74-83-9	Bromomethane	15.	UJ
75-01-4	Vinyl chloride	15.	UJ
75-00-3	Chloroethane	15.	UJ
75-09-2	Methylene chloride	8.	UJ
67-64-1	Acetone	270.	U
75-15-0	Carbon disulfide	7.	J
75-35-4	1,1-Dichloroethene	8.	UJ
75-34-3	1,1-Dichloroethane	8.	UJ
540-59-0	1,2-Dichloroethene (total)	8.	UJ
67-66-3	Chloroform	8.	UJ
107-06-2	1,2-Dichloroethane	8.	UJ
78-93-3	2-Butanone (MEK)	110.	U
71-55-6	1,1,1-Trichloroethane	8.	UJ
56-23-5	Carbon tetrachloride	8.	UJ
75-27-4	Bromodichloromethane	8.	UJ
78-87-5	1,2-Dichloropropane	8.	UJ
10061-01-5	cis-1,3-Dichloropropene	8.	UJ
79-01-6	Trichloroethene	8.	UJ
124-48-1	Dibromochloromethane	8.	UJ
79-00-5	1,1,2-Trichloroethane	8.	UJ
71-43-2	Benzene	2.	J
10061-02-6	trans-1,3-Dichloropropene	8.	UJ
75-25-2	Bromoform	8.	UJ
108-10-1	4-Methyl-2-Pentanone (MIBK)	15.	UJ
591-78-6	2-Hexanone	15.	UJ
127-18-4	Tetrachloroethene	8.	UJ
79-34-5	1,1,2,2-Tetrachloroethane	8.	UJ
108-88-3	Toluene	10.	J
108-90-7	Chlorobenzene	8.	UJ
100-41-4	Ethylbenzene	30.	J
100-42-5	Styrene	8.	UJ
1330-20-7	Xylene (Total)	270.	J
108-05-4	Vinyl acetate	15.	UJ
110-75-8	2-Chloroethyl vinyl ether	15.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 633 SEDIMENT

SW846-META													
	SAMPLE ID ------->	633-M-0001-01		633-M-0002-01		633-M-0003-01		633-M-0004-01		633-M-0005-01		633-M-0006-01	
	ORIGINAL ID ----->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	LAB SAMPLE ID --->	27115.14		27115.15		27115.16		27115.18		27115.17		27115.13	
	ID FROM REPORT -->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/03/96		10/03/96		10/03/96		10/03/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/16/96		10/16/96		10/16/96		10/16/96		10/16/96		10/16/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
7429-90-5	Aluminum (Al)	9010.		24300.		26100.		34500.		25900.		8850.	
7440-36-0	Antimony (Sb)	0.38	U	0.95	J	0.78	U	0.61	U	23.5		0.4	U
7440-38-2	Arsenic (As)	4.9		13.3		22.7		25.3		19.2		9.2	
7440-39-3	Barium (Ba)	19.3		59.8		91.2		54.3		317.		37.1	
7440-41-7	Beryllium (Be)	0.18	U	0.89		1.4		1.6		1.4		0.53	
7440-43-9	Cadmium (Cd)	0.05	U	1.1		1.3	J	0.08	U	4.9		0.39	J
7440-70-2	Calcium (Ca)	2120.		25900.		36900.		15000.		12700.		43700.	
7440-47-3	Chromium (Cr)	13.		47.6		57.2		54.1		61.7		19.8	
7440-48-4	Cobalt (Co)	0.77	J	4.8		8.		7.8		9.1		2.7	
7440-50-8	Copper (Cu)	2.8	U	120.		80.7		34.4		1220.		143.	
7439-89-6	Iron (Fe)	10100.		25100.		31500.		38400.		39100.		8300.	
7439-92-1	Lead (Pb)	6.9		182.		203.		57.7		393.		75.6	
7439-95-4	Magnesium (Mg)	394.		3320.		5990.		6440.		4930.		1530.	
7439-96-5	Manganese (Mn)	16.		170.		432.		492.		710.		178.	
7439-97-6	Mercury (Hg)	0.04	U	0.57		0.37		0.27		1.		0.34	
7440-02-0	Nickel (Ni)	2.1	U	17.1		21.5		20.4		47.6		17.2	
7440-09-7	Potassium (K)	300.	J	1480.		2450.		2810.		1960.		547.	J
7782-49-2	Selenium (Se)	0.47	J	1.4		1.4		1.5		1.3		0.48	J
7440-22-4	Silver (Ag)	0.24	UJ	0.73	J	0.49	UJ	0.38	UJ	0.95	J	0.25	UJ
7440-23-5	Sodium (Na)	280.	U	1990.		4030.		2450.		797.	U	710.	U
7440-28-0	Thallium (Tl)	0.43	U	0.54	U	0.89	U	0.69	U	0.67	U	0.45	U
7440-31-5	Tin (Sn)	2.	U	7.2	U	6.4	U	5.2	U	52.8		5.6	U
7440-62-2	Vanadium (V)	21.5		64.5		69.2		77.		62.8		21.8	
7440-66-6	Zinc (Zn)	10.4	U	312.		279.		140.		3260.		167.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 633 SEDIMENT

SW846-PEST													
	SAMPLE ID ------->	633-M-0001-01		633-M-0002-01		633-M-0003-01		633-M-0004-01		633-M-0005-01		633-M-0006-01	
	ORIGINAL ID ----->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	LAB SAMPLE ID --->	27115.14		27115.15		27115.16		27115.18		27115.17		27115.13	
	ID FROM REPORT -->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/01/96		10/01/96		10/01/96		10/01/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/22/96		10/24/96		10/24/96		10/22/96		10/22/96		10/24/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
319-84-6	alpha-BHC	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
319-85-7	beta-BHC	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
319-86-8	delta-BHC	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
58-89-9	gamma-BHC (Lindane)	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
76-44-8	Heptachlor	1.6	U	2.1	U	3.6	U	2.6	U	2.6	U	1.7	U
309-00-2	Aldrin	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
1024-57-3	Heptachlor epoxide	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
959-98-8	Endosulfan I	1.6	U	2.1	U	3.4	U	2.6	U	2.6	U	1.7	U
60-57-1	Dieldrin	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
72-55-9	4,4'-DDE	3.2	U	29.		13.		5.1	U	8.1		34.	
72-20-8	Endrin	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
33213-65-9	Endosulfan II	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
72-54-8	4,4'-DDD	3.2	U	18.		6.6	U	5.1	U	12.		14.	
1031-07-8	Endosulfan sulfate	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
50-29-3	4,4'-DDT	3.2	U	10.	U	6.6	U	5.1	U	16.		9.8	U
72-43-5	Methoxychlor	16.	U	21.	U	34.	U	26.	U	26.	U	17.	U
53494-70-5	Endrin ketone	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
7421-93-4	Endrin aldehyde	3.2	U	4.	U	6.6	U	5.1	U	5.	U	3.3	U
5103-71-9	alpha-Chlordane	1.6	U	86.	DJ	3.4	U	2.6	U	2.6	U	5.1	J
5103-74-2	gamma-Chlordane	1.6	U	130.	D	3.4	U	2.6	U	2.6	U	9.1	
8001-35-2	Toxaphene	100.	U	130.	U	220.	U	170.	U	170.	U	110.	U
12674-11-2	Aroclor-1016	42.	U	52.	U	87.	U	67.	U	66.	U	43.	U
11104-28-2	Aroclor-1221	42.	U	52.	U	87.	U	67.	U	66.	U	43.	U
11141-16-5	Aroclor-1232	42.	U	52.	U	87.	U	67.	U	66.	U	43.	U
53469-21-9	Aroclor-1242	42.	U	52.	U	87.	U	67.	U	66.	U	43.	U
12672-29-6	Aroclor-1248	42.	U	52.	U	87.	U	67.	U	66.	U	43.	U
11097-69-1	Aroclor-1254	85.	U	110.	U	180.	U	140.	U	130.	U	88.	U
11096-82-5	Aroclor-1260	85.	U	110.	U	180.	U	140.	U	270.	J	88.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 633 SEDIMENT

SW846-SVOA													
	SAMPLE ID ------->	633-M-0001-01		633-M-0002-01		633-M-0003-01 RE		633-M-0004-01		633-M-0005-01 RE		633-M-0006-01	
	ORIGINAL ID ----->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	LAB SAMPLE ID --->	27115.14		27115.15		27115.16		27115.18		27115.17		27115.13	
	ID FROM REPORT -->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/01/96		10/01/96		10/18/96		10/01/96		10/18/96		10/01/96	
	DATE ANALYZED --->	10/17/96		10/18/96		10/21/96		10/18/96		10/21/96		10/17/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
108-95-2	Phenol	420.	U	520.	U	870.	U	670.	U	660.	UR	430.	U
111-44-4	bis(2-Chloroethyl)ether	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
95-57-8	2-Chlorophenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
541-73-1	1,3-Dichlorobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
106-46-7	1,4-Dichlorobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
100-51-6	Benzyl alcohol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
95-50-1	1,2-Dichlorobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
621-64-7	N-Nitroso-di-n-propylamine	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
67-72-1	Hexachloroethane	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
98-95-3	Nitrobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
78-59-1	Isophorone	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
88-75-5	2-Nitrophenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
105-67-9	2,4-Dimethylphenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
65-85-0	Benzoic acid	2000.	U	79.	J	4200.	U	3300.	U	3200.	U	2100.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
120-83-2	2,4-Dichlorophenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
91-20-3	Naphthalene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
106-47-8	4-Chloroaniline	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
87-68-3	Hexachlorobutadiene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
91-57-6	2-Methylnaphthalene	420.	U	520.	U	870.	U	670.	U	660.	U	92.	J
77-47-4	Hexachlorocyclopentadiene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
91-58-7	2-Chloronaphthalene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
88-74-4	2-Nitroaniline	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
131-11-3	Dimethyl phthalate	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
208-96-8	Acenaphthylene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
606-20-2	2,6-Dinitrotoluene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
99-09-2	3-Nitroaniline	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
83-32-9	Acenaphthene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 633 SEDIMENT

SW846-SVOA													
	SAMPLE ID ------->	633-M-0001-01		633-M-0002-01		633-M-0003-01 RE		633-M-0004-01		633-M-0005-01 RE		633-M-0006-01	
	ORIGINAL ID ----->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	LAB SAMPLE ID --->	27115.14		27115.15		27115.16		27115.18		27115.17		27115.13	
	ID FROM REPORT -->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE EXTRACTED -->	10/01/96		10/01/96		10/18/96		10/01/96		10/18/96		10/01/96	
	DATE ANALYZED --->	10/17/96		10/18/96		10/21/96		10/18/96		10/21/96		10/17/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
100-02-7	4-Nitrophenol	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
132-64-9	Dibenzofuran	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
121-14-2	2,4-Dinitrotoluene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
84-66-2	Diethylphthalate	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
86-73-7	Fluorene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
100-01-6	4-Nitroaniline	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
118-74-1	Hexachlorobenzene	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
87-86-5	Pentachlorophenol	2000.	U	2500.	U	4200.	U	3300.	U	3200.	U	2100.	U
85-01-8	Phenanthrene	420.	U	270.	J	870.	U	670.	U	660.	U	100.	J
120-12-7	Anthracene	420.	U	60.	J	870.	U	670.	U	660.	U	430.	U
84-74-2	Di-n-butylphthalate	420.	U	520.	U	870.	U	670.	U	660.	U	430.	U
206-44-0	Fluoranthene	420.	U	410.	J	330.	J	670.	U	660.	U	100.	J
129-00-0	Pyrene	420.	U	400.	J	650.	J	670.	U	660.	U	120.	J
85-68-7	Butylbenzylphthalate	420.	U	63.	J	870.	U	670.	U	660.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine	840.	U	1000.	U	1700.	U	1300.	U	1300.	U	870.	U
56-55-3	Benzo(a)anthracene	420.	U	170.	J	180.	J	670.	U	660.	U	60.	J
218-01-9	Chrysene	420.	U	260.	J	250.	J	670.	U	660.	U	91.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	520.	U	3400.		670.	U	660.	U	630.	U
117-84-0	Di-n-octyl phthalate	420.	U	520.	U	870.	UJ	670.	U	660.	UJ	430.	U
205-99-2	Benzo(b)fluoranthene	420.	U	310.	J	250.	J	670.	U	660.	UJ	78.	J
207-08-9	Benzo(k)fluoranthene	420.	U	520.	U	200.	J	670.	U	660.	UJ	77.	J
50-32-8	Benzo(a)pyrene	420.	U	130.	J	870.	UJ	670.	U	660.	UJ	430.	U
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U	520.	U	870.	UJ	670.	U	660.	UJ	430.	U
53-70-3	Dibenz(a,h)anthracene	420.	U	520.	U	870.	UJ	670.	U	660.	UJ	430.	U
191-24-2	Benzo(g,h,i)perylene	420.	U	520.	U	870.	UJ	670.	U	660.	UJ	430.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 633 SEDIMENT

SW846-VOA													
	SAMPLE ID ------->	633-M-0001-01		633-M-0002-01 RE		633-M-0003-01		633-M-0004-01		633-M-0005-01 RE		633-M-0006-01	
	ORIGINAL ID ----->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	LAB SAMPLE ID --->	27115.14		27115.15		27115.16		27115.18		27115.17		27115.13	
	ID FROM REPORT -->	633M000101		633M000201		633M000301		633M000401		633M000501		633M000601	
	SAMPLE DATE ----->	09/26/96		09/26/96		09/26/96		09/26/96		09/26/96		09/26/96	
	DATE ANALYZED --->	10/05/96		10/12/96		10/05/96		10/05/96		10/07/96		10/05/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL	27115	VAL
74-87-3	Chloromethane	13.	U	16.	U	26.	UJ	20.	U	20.	U	13.	U
74-83-9	Bromomethane	13.	U	16.	U	26.	UJ	20.	U	20.	U	13.	U
75-01-4	Vinyl chloride	13.	U	16.	U	26.	UJ	20.	U	20.	U	13.	U
75-00-3	Chloroethane	13.	U	16.	U	26.	UJ	20.	U	20.	U	13.	U
75-09-2	Methylene chloride	6.	U	9.	U	13.	UJ	10.	U	10.	U	6.	U
67-64-1	Acetone	50.	U	16.	U	180.	U	40.	U	23.	U	23.	U
75-15-0	Carbon disulfide	6.	U	8.	U	11.	J	10.	U	10.	U	6.	U
75-35-4	1,1-Dichloroethene	6.	U	8.	U	13.	UJ	10.	U	10.	U	6.	U
75-34-3	1,1-Dichloroethane	6.	U	8.	U	13.	UJ	10.	U	10.	U	6.	U
540-59-0	1,2-Dichloroethene (total)	6.	U	8.	U	13.	UJ	10.	U	10.	U	6.	U
67-66-3	Chloroform	6.	U	8.	U	13.	UJ	10.	U	10.	U	6.	U
107-06-2	1,2-Dichloroethane	6.	U	8.	U	13.	UJ	10.	U	10.	U	6.	U
78-93-3	2-Butanone (MEK)	13.	U	16.	U	46.	U	20.	J	20.	U	13.	U
71-55-6	1,1,1-Trichloroethane	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
56-23-5	Carbon tetrachloride	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
75-27-4	Bromodichloromethane	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
78-87-5	1,2-Dichloropropane	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
79-01-6	Trichloroethene	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
124-48-1	Dibromochloromethane	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
71-43-2	Benzene	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
75-25-2	Bromoform	6.	U	8.	UJ	13.	UJ	10.	U	10.	U	6.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U	16.	UJ	26.	UJ	20.	U	20.	U	13.	U
591-78-6	2-Hexanone	13.	U	16.	UJ	26.	UJ	20.	UJ	20.	UJ	13.	U
127-18-4	Tetrachloroethene	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
108-88-3	Toluene	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
108-90-7	Chlorobenzene	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
100-41-4	Ethylbenzene	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
100-42-5	Styrene	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
1330-20-7	Xylene (Total)	6.	U	8.	UJ	13.	UJ	10.	UJ	10.	UJ	6.	U
108-05-4	Vinyl acetate	13.	U	16.	UJ	26.	UJ	20.	UJ	20.	UJ	13.	U
110-75-8	2-Chloroethyl vinyl ether	13.	UR	16.	UJ	26.	UR	20.	UR	20.	UR	13.	UR

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 643 SEDIMENT

SW846-PEST

SAMPLE ID ------->	643-M-0001-01
ORIGINAL ID ----->	643M000101
LAB SAMPLE ID --->	27133.13
ID FROM REPORT -->	643M000101
SAMPLE DATE ----->	09/27/96
DATE EXTRACTED -->	10/01/96
DATE ANALYZED --->	10/24/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	27133	VAL
319-84-6	alpha-BHC	2.	U
319-85-7	beta-BHC	2.	U
319-86-8	delta-BHC	2.	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.	U
309-00-2	Aldrin	5.1	U
1024-57-3	Heptachlor epoxide	2.9	J
959-98-8	Endosulfan I	2.	U
60-57-1	Dieldrin	6.6	
72-55-9	4,4'-DDE	43.	
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	42.	
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	9.2	
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	110.	D
5103-71-9	alpha-Chlordane	45.	DJ
5103-74-2	gamma-Chlordane	49.	D
8001-35-2	Toxaphene	130.	U
12674-11-2	Aroclor-1016	52.	U
11104-28-2	Aroclor-1221	52.	U
11141-16-5	Aroclor-1232	52.	U
53469-21-9	Aroclor-1242	52.	U
12672-29-6	Aroclor-1248	52.	U
11097-69-1	Aroclor-1254	100.	U
11096-82-5	Aroclor-1260	100.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 643 SEDIMENT

SW846-SVOA

SAMPLE ID ------->	643-M-0001-01
ORIGINAL ID ----->	643M00101
LAB SAMPLE ID --->	27133.13
ID FROM REPORT -->	643M00101
SAMPLE DATE ----->	09/27/96
DATE EXTRACTED -->	10/01/96
DATE ANALYZED --->	10/18/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	27133	VAL
108-95-2	Phenol	520.	U
111-44-4	bis(2-Chloroethyl)ether	520.	U
95-57-8	2-Chlorophenol	520.	U
541-73-1	1,3-Dichlorobenzene	520.	U
106-46-7	1,4-Dichlorobenzene	520.	U
100-51-6	Benzyl alcohol	520.	U
95-50-1	1,2-Dichlorobenzene	520.	U
95-48-7	2-Methylphenol (o-Cresol)	520.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	520.	U
106-44-5	4-Methylphenol (p-Cresol)	86.	J
621-64-7	N-Nitroso-di-n-propylamine	520.	U
67-72-1	Hexachloroethane	520.	U
98-95-3	Nitrobenzene	520.	U
78-59-1	Isophorone	520.	U
88-75-5	2-Nitrophenol	520.	U
105-67-9	2,4-Dimethylphenol	520.	U
65-85-0	Benzoic acid	2500.	U
111-91-1	bis(2-Chloroethoxy)methane	520.	U
120-83-2	2,4-Dichlorophenol	520.	U
120-82-1	1,2,4-Trichlorobenzene	520.	U
91-20-3	Naphthalene	160.	J
106-47-8	4-Chloroaniline	520.	U
87-68-3	Hexachlorobutadiene	520.	U
59-50-7	4-Chloro-3-methylphenol	520.	U
91-57-6	2-Methylnaphthalene	200.	J
77-47-4	Hexachlorocyclopentadiene	520.	U
88-06-2	2,4,6-Trichlorophenol	520.	U
95-95-4	2,4,5-Trichlorophenol	2500.	U
91-58-7	2-Chloronaphthalene	520.	U
88-74-4	2-Nitroaniline	2500.	U
131-11-3	Dimethyl phthalate	520.	U
208-96-8	Acenaphthylene	63.	J
606-20-2	2,6-Dinitrotoluene	520.	U
99-09-2	3-Nitroaniline	2500.	U
83-32-9	Acenaphthene	230.	J
51-28-5	2,4-Dinitrophenol	2500.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 643 SEDIMENT

SW846-SVOA

SAMPLE ID ------->	643-M-0001-01
ORIGINAL ID ----->	643M00101
LAB SAMPLE ID --->	27133.13
ID FROM REPORT -->	643M00101
SAMPLE DATE ----->	09/27/96
DATE EXTRACTED -->	10/01/96
DATE ANALYZED --->	10/18/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	27133	VAL
100-02-7	4-Nitrophenol	2500.	U
132-64-9	Dibenzofuran	140.	J
121-14-2	2,4-Dinitrotoluene	520.	U
84-66-2	Diethylphthalate	520.	U
7005-72-3	4-Chlorophenylphenylether	520.	U
86-73-7	Fluorene	160.	J
100-01-6	4-Nitroaniline	2500.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2500.	U
86-30-6	N-Nitrosodiphenylamine	520.	U
101-55-3	4-Bromophenyl-phenylether	520.	U
118-74-1	Hexachlorobenzene	520.	U
87-86-5	Pentachlorophenol	2500.	U
85-01-8	Phenanthrene	2100.	D
120-12-7	Anthracene	410.	J
84-74-2	Di-n-butylphthalate	520.	
206-44-0	Fluoranthene	4400.	
129-00-0	Pyrene	3000.	
85-68-7	Butylbenzylphthalate	1000.	U
91-94-1	3,3'-Dichlorobenzidine	1000.	U
56-55-3	Benzo(a)anthracene	1300.	
218-01-9	Chrysene	1700.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	14000.	D
117-84-0	Di-n-octyl phthalate	710.	
205-99-2	Benzo(b)fluoranthene	1200.	
207-08-9	Benzo(k)fluoranthene	1300.	
50-32-8	Benzo(a)pyrene	1300.	
193-39-5	Indeno(1,2,3-cd)pyrene	790.	
53-70-3	Dibenz(a,h)anthracene	390.	J
191-24-2	Benzo(g,h,i)perylene	870.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G SEDIMENT
SITE 643 SEDIMENT

SW846-VOA

SAMPLE ID ------->	643-M-0001-01
ORIGINAL ID ----->	643M000101
LAB SAMPLE ID --->	27133.13
ID FROM REPORT -->	643M000101
SAMPLE DATE ----->	09/27/96
DATE ANALYZED --->	10/09/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	27133	VAL
74-87-3	Chloromethane	16.	U
74-83-9	Bromomethane	16.	U
75-01-4	Vinyl chloride	16.	U
75-00-3	Chloroethane	16.	U
75-09-2	Methylene chloride	8.	U
67-64-1	Acetone	31.	U
75-15-0	Carbon disulfide	8.	U
75-35-4	1,1-Dichloroethene	8.	U
75-34-3	1,1-Dichloroethane	8.	U
540-59-0	1,2-Dichloroethene (total)	8.	U
67-66-3	Chloroform	8.	U
107-06-2	1,2-Dichloroethane	8.	U
78-93-3	2-Butanone (MEK)	8.	U
71-55-6	1,1,1-Trichloroethane	8.	U
56-23-5	Carbon tetrachloride	8.	U
75-27-4	Bromodichloromethane	8.	U
78-87-5	1,2-Dichloropropane	8.	U
10061-01-5	cis-1,3-Dichloropropene	8.	U
79-01-6	Trichloroethene	3.	J
124-48-1	Dibromochloromethane	8.	U
79-00-5	1,1,2-Trichloroethane	8.	U
71-43-2	Benzene	8.	U
10061-02-6	trans-1,3-Dichloropropene	8.	U
75-25-2	Bromoform	8.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	16.	U
591-78-6	2-Hexanone	16.	U
127-18-4	Tetrachloroethene	8.	U
79-34-5	1,1,2,2-Tetrachloroethane	8.	U
108-88-3	Toluene	8.	U
108-90-7	Chlorobenzene	8.	U
100-41-4	Ethylbenzene	8.	U
100-42-5	Styrene	8.	U
1330-20-7	Xylene (Total)	8.	U
108-05-4	Vinyl acetate	16.	U
110-75-8	2-Chloroethyl vinyl ether	16.	UJ

*** Validation Complete ***

SITE 011 DPT
(Soil and Groundwater)

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

PH							
	SAMPLE ID ------->	011-S-P001-01	011-S-P001-02	011-S-P001-03	011-S-P002-01	011-S-P002-02	011-S-P003-01
	ORIGINAL ID ----->	011SP00101	011SP00102	011SP00103	011SP00201	011SP00202	011SP00301
	LAB SAMPLE ID --->	27341.01	27341.02	27341.03	27341.07	27341.08	27341.09
	ID FROM REPORT -->	011SP00101	011SP00102	011SP00103	011SP00201	011SP00202	011SP00301
	SAMPLE DATE ----->	10/16/96	10/16/96	10/16/96	10/16/96	10/16/96	10/16/96
	DATE ANALYZED --->	10/21/96	10/21/96	10/21/96	10/21/96	10/21/96	10/21/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	SU	SU	SU	SU	SU	SU
CAS #	Parameter	27341 VAL	27341 VAL	27341 VAL	27341 VAL	27341 VAL	27341 VAL
9999900-09-4	pH	7.01	4.63	7.21	7.95	7.89	7.98

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

PH							
	SAMPLE ID ------->	011-S-P003-02	011-S-P004-01	011-S-P005-01	011-C-P005-01	011-S-P005-02	011-S-P006-01
	ORIGINAL ID ----->	011SP00302	011SP00401	011SP00501	011CP00501	011SP00502	011SP00601
	LAB SAMPLE ID --->	27341.10	27341.04	27359.01	27360.01	27359.02	27359.03
	ID FROM REPORT -->	011SP00302	011SP00401	011SP00501	011CP00501	011SP00502	011SP00601
	SAMPLE DATE ----->	10/16/96	10/16/96	10/17/96	10/17/96	10/17/96	10/17/96
	DATE ANALYZED --->	10/21/96	10/21/96	10/22/96	10/22/96	10/22/96	10/22/96
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	SU	SU	SU	SU	SU	SU
CAS #	Parameter	27341 VAL	27341 VAL	27341 VAL	27341 VAL	27341 VAL	27341 VAL
9999900-09-4	pH	5.22	4.94	8.4	8.68	8.23	8.6

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

PH							
	SAMPLE ID ------->	011-S-P006-02	011-S-P006-03	011-S-P007-01	011-S-P007-02	011-S-P008-01	
	ORIGINAL ID ----->	011SP00602	011SP00603	011SP00701	011SP00702	011SP00801	
	LAB SAMPLE ID --->	27359.04	27359.05	27341.05	27341.06	27359.06	
	ID FROM REPORT -->	011SP00602	011SP00603	011SP00701	011SP00702	011SP00801	
	SAMPLE DATE ----->	10/17/96	10/17/96	10/16/96	10/16/96	10/17/96	
	DATE ANALYZED --->	10/22/96	10/22/96	10/21/96	10/21/96	10/22/96	
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	
	UNITS ---------->	SU	SU	SU	SU	SU	
CAS #	Parameter	27341 VAL	27341 VAL	27341 VAL	27341 VAL	27341 VAL	
9999900-09-4	pH	12.6	11.7	8.17	9.75	9.99	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

SW846-META													
	SAMPLE ID ------->	011-S-P001-01		011-S-P001-02		011-S-P001-03		011-S-P002-01		011-S-P002-02		011-S-P003-01	
	ORIGINAL ID ----->	011SP00101		011SP00102		011SP00103		011SP00201		011SP00202		011SP00301	
	LAB SAMPLE ID --->	27341.01		27341.02		27341.03		27341.07		27341.08		27341.09	
	ID FROM REPORT -->	011SP00101		011SP00102		011SP00103		011SP00201		011SP00202		011SP00301	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/16/96		10/16/96		10/16/96		10/16/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/18/96		10/18/96		10/18/96		10/18/96	
	DATE ANALYZED --->	10/20/96		10/20/96		10/20/96		10/20/96		10/20/96		10/20/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27341	VAL	27341	VAL	27341	VAL	27341	VAL	27341	VAL	27341	VAL
7439-97-6	Mercury (Hg)	0.04	U	0.04		0.04	U	0.07		0.04	U	0.09	
7429-90-5	Aluminum (Al)	9610.		8780.		10200.		11400.		7240.		4450.	
7439-92-1	Lead (Pb)	10.3	J	5.7	J	9.5	J	96.3	J	71.9	J	14.1	J
7440-36-0	Antimony (Sb)	0.37	U	0.36	U	0.36	U	0.37	U	0.36	U	0.35	U
7439-95-4	Magnesium (Mg)	861.		706.		861.		1050.		1380.		240.	
7440-38-2	Arsenic (As)	1.6		3.		4.5		11.7		5.3		2.1	
7782-49-2	Selenium (Se)	0.37	U	0.48	J	0.44	J	1.3		0.92		0.35	U
7440-39-3	Barium (Ba)	27.8	J	11.7	J	24.8	J	41.4	J	31.8	J	12.4	J
7440-41-7	Beryllium (Be)	0.21	J	0.25		0.53		0.58		0.48		0.14	J
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.05	U	0.16	J	0.25	J	0.05	J
7440-70-2	Calcium (Ca)	2540.		1760.		2300.		14400.		45300.		1910.	
7440-47-3	Chromium (Cr)	12.9	J	13.7	J	14.6	J	21.6	J	19.5	J	7.2	J
7440-48-4	Cobalt (Co)	1.3	J	1.1	J	1.7	J	2.	J	1.3	J	0.35	U
7440-50-8	Copper (Cu)	0.52	J	0.45	U	0.46	U	11.3		24.		2.5	J
7439-89-6	Iron (Fe)	8580.		14700.		11100.		26100.		7120.		3660.	
7439-96-5	Manganese (Mn)	29.3	J	18.8	J	23.8	J	88.	J	57.8	J	24.2	J
7440-02-0	Nickel (Ni)	1.8	J	1.7	J	2.5	J	5.3		8.		1.7	J
7440-09-7	Potassium (K)	247.	U	237.	U	242.	U	449.	J	459.	J	231.	U
7440-22-4	Silver (Ag)	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.22	U
7440-23-5	Sodium (Na)	404.		317.		402.		395.		664.		241.	J
7440-28-0	Thallium (Tl)	0.42	U	0.74	J	0.45	J	1.	J	0.41	U	0.39	U
7440-31-5	Tin (Sn)	2.8	U	2.6	U	2.3	U	3.5	U	3.	U	2.4	U
7440-62-2	Vanadium (V)	12.7		16.5		22.1		37.6		16.		6.2	
7440-66-6	Zinc (Zn)	13.6		9.2		10.6		99.4		65.6		25.8	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

SW846-META													
	SAMPLE ID ------->	011-S-P003-02		011-S-P004-01		011-S-P005-01		011-C-P005-01		011-S-P005-02		011-S-P006-01	
	ORIGINAL ID ----->	011SP00302		011SP00401		011SP00501		011CP00501		011SP00502		011SP00601	
	LAB SAMPLE ID --->	27341.10		27341.04		27359.01		27360.01		27359.02		27359.03	
	ID FROM REPORT -->	011SP00302		011SP00401		011SP00501		011CP00501		011SP00502		011SP00601	
	SAMPLE DATE ----->	10/16/96		10/16/96		10/17/96		10/17/96		10/17/96		10/17/96	
	DATE EXTRACTED -->	10/18/96		10/18/96		10/21/96		10/21/96		10/21/96		10/21/96	
	DATE ANALYZED --->	10/20/96		10/20/96		10/21/96		10/21/96		10/21/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27341	VAL	27341	VAL	27341	VAL	27341	VAL	27341	VAL	27341	VAL
7439-97-6	Mercury (Hg)	0.04	U	0.04	U	0.05		0.07		0.03		0.04	
7429-90-5	Aluminum (Al)	8580.		10400.		3920.		5380.		4210.		11100.	
7439-92-1	Lead (Pb)	6.5	J	8.1	J	14.3	J	30.8	J	18.7	J	20.2	J
7440-36-0	Antimony (Sb)	0.36	U	0.36	U	0.57	J	0.35	U	0.36	U	0.36	U
7439-95-4	Magnesium (Mg)	806.		720.		1050.		1280.		1220.		732.	
7440-38-2	Arsenic (As)	2.3		4.1		3.7		3.8		3.7		5.1	
7782-49-2	Selenium (Se)	0.49	J	0.36	U	0.35	U	0.46	J	0.43	J	0.52	J
7440-39-3	Barium (Ba)	17.3	J	16.1	J	14.3	J	16.7		16.5	J	42.6	J
7440-41-7	Beryllium (Be)	0.26		0.31		0.33		0.46		0.36		0.66	
7440-43-9	Cadmium (Cd)	0.05	U	0.05	U	0.12	J	0.15	J	0.2	J	0.05	U
7440-70-2	Calcium (Ca)	793.		767.		45600.		41800.		51600.		3110.	
7440-47-3	Chromium (Cr)	13.7	J	13.8	J	9.8	J	16.7	J	10.7	J	15.9	J
7440-48-4	Cobalt (Co)	1.1	J	1.2	J	1.8	J	2.9		2.2	J	2.2	J
7440-50-8	Copper (Cu)	0.46	U	0.46	U	19.1	J	36.1	J	20.5		2.	J
7439-89-6	Iron (Fe)	11100.		13500.		4760.		5730.		5270.		13900.	
7439-96-5	Manganese (Mn)	19.	J	30.6	J	87.	J	81.4		74.4	J	112.	J
7440-02-0	Nickel (Ni)	2.3	J	1.9	J	6.5		9.4		7.9		3.7	J
7440-09-7	Potassium (K)	279.	J	242.	U	373.	J	466.	J	492.	J	259.	J
7440-22-4	Silver (Ag)	0.23	U	0.23	U	0.22	U	0.22	U	0.23	U	0.23	U
7440-23-5	Sodium (Na)	361.		437.		249.	J	274.		252.	J	327.	
7440-28-0	Thallium (Tl)	0.41	U	0.76	J	0.4	U	0.49	J	0.41	U	0.7	J
7440-31-5	Tin (Sn)	2.4	U	2.5	U	2.2	U	5.4	U	4.4	J	11.5	
7440-62-2	Vanadium (V)	18.		17.3		10.4		13.5		13.4		24.	
7440-66-6	Zinc (Zn)	13.3		16.3		69.5	J	117.	J	72.2		31.7	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G DPT SOIL AND GW
SITE 011 DPT (SOIL AND GROUNDWATER)

SW846-META											
	SAMPLE ID ------->	011-S-P006-02		011-S-P006-03		011-S-P007-01		011-S-P007-02		011-S-P008-01	
	ORIGINAL ID ----->	011SP00602		011SP00603		011SP00701		011SP00702		011SP00801	
	LAB SAMPLE ID --->	27359.04		27359.05		27341.05		27341.06		27359.06	
	ID FROM REPORT -->	011SP00602		011SP00603		011SP00701		011SP00702		011SP00801	
	SAMPLE DATE ----->	10/17/96		10/17/96		10/16/96		10/16/96		10/17/96	
	DATE EXTRACTED -->	10/21/96		10/21/96		10/18/96		10/18/96		10/21/96	
	DATE ANALYZED --->	10/21/96		10/21/96		10/20/96		10/20/96		10/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	27341	VAL	27341	VAL	27341	VAL	27341	VAL	27341	VAL
7439-97-6	Mercury (Hg)	0.04	U	0.98		0.04	U	0.04	U	0.04	
7429-90-5	Aluminum (Al)	3000.		8050.		4720.		7870.		10600.	
7439-92-1	Lead (Pb)	0.9	J	7.6	J	10.7	J	12.3	J	16.7	J
7440-36-0	Antimony (Sb)	0.6	U	0.4	U	0.34	U	0.36	U	0.38	U
7439-95-4	Magnesium (Mg)	347.		1190.		649.		695.		622.	
7440-38-2	Arsenic (As)	0.66	U	1.9		3.2		3.2		4.	
7782-49-2	Selenium (Se)	0.6	U	0.4	U	0.34	U	0.5	J	0.92	
7440-39-3	Barium (Ba)	2.	J	35.5	J	13.7	J	37.8	J	34.5	J
7440-41-7	Beryllium (Be)	0.52		0.77		0.26		0.55		0.46	
7440-43-9	Cadmium (Cd)	0.08	U	0.05	U	0.05	J	0.05	U	0.05	U
7440-70-2	Calcium (Ca)	441000.		27400.		12000.		7250.		3380.	
7440-47-3	Chromium (Cr)	1.7	J	16.5	J	9.	J	10.9	J	15.	J
7440-48-4	Cobalt (Co)	0.25	U	1.9	J	1.1	J	1.7	J	1.5	J
7440-50-8	Copper (Cu)	2.6	J	3.1		7.		1.5	J	1.5	J
7439-89-6	Iron (Fe)	451.		6920.		4500.		9780.		13000.	
7439-96-5	Manganese (Mn)	1.6	J	30.4	J	38.8	J	126.	J	42.1	J
7440-02-0	Nickel (Ni)	7.	J	3.4	J	2.8	J	2.7	J	2.8	J
7440-09-7	Potassium (K)	402.	U	611.	J	306.	J	265.	J	259.	J
7440-22-4	Silver (Ag)	0.38	U	0.25	U	0.22	U	0.23	U	0.24	U
7440-23-5	Sodium (Na)	542.		521.		221.	J	382.		207.	J
7440-28-0	Thallium (Tl)	0.68	U	0.45	U	0.39	U	0.41	U	0.75	J
7440-31-5	Tin (Sn)	4.1	J	2.7	U	2.6	U	2.5	U	5.	J
7440-62-2	Vanadium (V)	16.1		19.5		9.3		16.3		23.4	
7440-66-6	Zinc (Zn)	1.9	J	14.2		23.3		12.7		19.8	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 003

SW846-META											
	SAMPLE ID ------->	003-G-W001-03		003-G-W002-03		003-H-W002-03		003-G-W003-03			
	ORIGINAL ID ----->	003GW00103		003GW00203		003HW00203		003GW00303			
	LAB SAMPLE ID --->	31047.01		31047.02		31047.03		31060.01			
	ID FROM REPORT -->	003GW00103		003GW00203		003HW00203		003GW00303			
	SAMPLE DATE ----->	09/16/97		09/16/97		09/16/97		09/17/97			
	DATE EXTRACTED -->	09/23/97		09/23/97		09/23/97		09/23/97			
	DATE ANALYZED --->	10/03/97		10/03/97		10/03/97		10/03/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	VAL		
7429-90-5	Aluminum (Al)	590.		35.9	J	18.1	J	966.			
7440-36-0	Antimony (Sb)	1.6	U	1.6	U	1.6	U	1.6	U		
7440-38-2	Arsenic (As)	2.1	U	2.1	U	2.1	U	2.1	U		
7440-39-3	Barium (Ba)	24.3		15.8		15.9		19.8			
7440-41-7	Beryllium (Be)	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		
7440-70-2	Calcium (Ca)	46500.		21900.		21900.		32400.			
7440-47-3	Chromium (Cr)	1.2	J	1.	U	1.	U	2.1	J		
7440-48-4	Cobalt (Co)	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	2.	J		
7439-89-6	Iron (Fe)	448.		41.7	J	53.9	J	973.			
7439-92-1	Lead (Pb)	1.3	U	0.93	U	0.9	U	1.1	U		
7439-95-4	Magnesium (Mg)	3370.		1860.		1850.		6710.			
7439-96-5	Manganese (Mn)	8.7	J	33.7		33.9		24.8			
7439-97-6	Mercury (Hg)	0.28		0.1	U	0.1	U	0.1	U		
7440-02-0	Nickel (Ni)	0.7	U	0.7	U	64.5		2.2	J		
7440-09-7	Potassium (K)	1590.	J	560.	U	560.	U	1950.	J		
7782-49-2	Selenium (Se)	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		
7440-23-5	Sodium (Na)	9100.		18200.		18400.		36300.			
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	5.	U		
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	14.	U		
7440-62-2	Vanadium (V)	1.2	J	1.1	U	1.1	U	2.2	J		
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	5.8	U	22.2			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 003

SW846-PEST											
		SAMPLE ID ------->	003-G-W001-03		003-G-W002-03		003-H-W002-03		003-G-W003-03		
		ORIGINAL ID ----->	003GW00103		003GW00203		003HW00203		003GW00303		
		LAB SAMPLE ID --->	31047.01		31047.02		31047.03		31060.01		
		ID FROM REPORT -->	003GW00103		003GW00203		003HW00203		003GW00303		
		SAMPLE DATE ----->	09/16/97		09/16/97		09/16/97		09/17/97		
		DATE EXTRACTED -->	09/19/97		09/19/97		09/19/97		09/19/97		
		DATE ANALYZED --->	09/24/97		09/24/97		09/24/97		09/24/97		
		MATRIX ---------->	Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		31047	VAL	31047	VAL	31047	VAL	31047	VAL	
319-84-6	alpha-BHC		0.04	U	0.04	U	0.04	U	0.04	U	
319-85-7	beta-BHC		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	
58-89-9	gamma-BHC (Lindane)		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	
309-00-2	Aldrin		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	
959-98-8	Endosulfan I		0.04	U	0.04	U	0.04	U	0.04	U	
60-57-1	Dieldrin		0.08	U	0.08	U	0.08	U	0.08	U	
72-55-9	4,4'-DDE		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	
33213-65-9	Endosulfan II		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	
1031-07-8	Endosulfan sulfate		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	
72-43-5	Methoxychlor		0.38	U	0.38	U	0.38	U	0.38	U	
53494-70-5	Endrin ketone		0.08	U	0.08	U	0.08	U	0.08	U	
7421-93-4	Endrin aldehyde		0.08	U	0.08	U	0.08	U	0.08	U	
5103-71-9	alpha-Chlordane		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	
8001-35-2	Toxaphene		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	
11104-28-2	Aroclor-1221		1.	U	1.	U	1.	U	1.	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		2.	U	2.	U	2.	U	2.	U	
11096-82-5	Aroclor-1260		2.	U	2.	U	2.	U	2.	U	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-META													
	SAMPLE ID ------->	006-G-W001-03		006-G-W002-03		006-G-W003-03		006-G-W004-03		006-G-W005-03		006-H-W005-03	
	ORIGINAL ID ----->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	LAB SAMPLE ID --->	31076.03		31030.06		31030.07		31030.08		31030.09		31030.10	
	ID FROM REPORT -->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	SAMPLE DATE ----->	09/18/97		09/13/97		09/13/97		09/13/97		09/13/97		09/13/97	
	DATE EXTRACTED -->	09/23/97		09/22/97		09/22/97		09/22/97		09/22/97		09/22/97	
	DATE ANALYZED --->	10/03/97		10/04/97		10/04/97		10/04/97		10/04/97		10/04/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31047	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
7429-90-5	Aluminum (Al)	23.5	J	562.	J	104.	J	195.	J	28.9	UJ	30.5	UJ
7440-36-0	Antimony (Sb)	1.6	U	1.7	U	1.7	U	3.1	U	1.8	U	1.6	U
7440-38-2	Arsenic (As)	2.1	U	3.4	J	373.		13.9		2.5	J	2.1	U
7440-39-3	Barium (Ba)	10.7		46.1	J	559.	J	302.	J	46.6	J	47.3	J
7440-41-7	Beryllium (Be)	0.2	U	0.76	J	0.3	J	0.24	J	0.65	J	0.66	J
7440-43-9	Cadmium (Cd)	0.43	J	0.3	U	0.3	U	0.3	U	0.34	J	0.3	U
7440-70-2	Calcium (Ca)	95900.		162000.	J	289000.	J	180000.	J	147000.	J	150000.	J
7440-47-3	Chromium (Cr)	1.	U	1.6	J	1.	U	1.8	J	1.	U	1.2	J
7440-48-4	Cobalt (Co)	0.8	U	2.5	J	0.9	J	1.2	J	2.2	J	2.8	J
7440-50-8	Copper (Cu)	3.9	J	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
7439-89-6	Iron (Fe)	660.		14500.	J	68400.	J	36500.	J	13800.	J	14000.	J
7439-92-1	Lead (Pb)	0.9	U	0.9	U	1.1	U	0.9	U	1.1	U	0.9	U
7439-95-4	Magnesium (Mg)	20900.		588000.	J	160000.	J	195000.	J	558000.	J	567000.	J
7439-96-5	Manganese (Mn)	252.		562.	J	1280.	J	420.	J	401.	J	407.	J
7439-97-6	Mercury (Hg)	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
7440-02-0	Nickel (Ni)	1.3	J	0.7	U	0.7	U	1.2	J	2.8	J	3.	J
7440-09-7	Potassium (K)	15700.		177000.		56400.		73100.		170000.		172000.	
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	1.1	J	1.	U	1.	U	1.	U	1.	U
7440-23-5	Sodium (Na)	52900.		5590000.		1450000.		1860000.		4790000.		4770000.	
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
7440-62-2	Vanadium (V)	1.6	J	3.8	J	2.3	J	2.6	J	3.5	J	3.4	J
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	5.8	U	6.2	U	5.8	U	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-META									
		SAMPLE ID ------->	006-G-W006-03		006-G-W007-03				
		ORIGINAL ID ----->	006GW00603		006GW00703				
		LAB SAMPLE ID --->	31076.01		31076.02				
		ID FROM REPORT -->	006GW00603		006GW00703				
		SAMPLE DATE ----->	09/18/97		09/18/97				
		DATE EXTRACTED -->	09/23/97		09/23/97				
		DATE ANALYZED --->	10/03/97		10/03/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		31047	VAL	31047	VAL			
7429-90-5	Aluminum (Al)		8.	UJ	54.9	J			
7440-36-0	Antimony (Sb)		2.3	U	1.6	U			
7440-38-2	Arsenic (As)		5.5	J	11.3				
7440-39-3	Barium (Ba)		22.		16.8				
7440-41-7	Beryllium (Be)		0.29	U	0.24	U			
7440-43-9	Cadmium (Cd)		0.3	U	0.3	U			
7440-70-2	Calcium (Ca)		98900.		97000.				
7440-47-3	Chromium (Cr)		1.	U	1.3	J			
7440-48-4	Cobalt (Co)		0.8	U	0.8	U			
7440-50-8	Copper (Cu)		1.4	U	1.4	U			
7439-89-6	Iron (Fe)		5180.		4500.				
7439-92-1	Lead (Pb)		0.9	U	0.9	U			
7439-95-4	Magnesium (Mg)		283000.		199000.				
7439-96-5	Manganese (Mn)		120.		385.				
7439-97-6	Mercury (Hg)		0.1	U	0.1	U			
7440-02-0	Nickel (Ni)		0.72	J	0.7	U			
7440-09-7	Potassium (K)		112000.		73800.				
7782-49-2	Selenium (Se)		3.4	U	3.4	U			
7440-22-4	Silver (Ag)		1.	U	1.	U			
7440-23-5	Sodium (Na)		3060000.		1590000.				
7440-28-0	Thallium (Tl)		5.	U	5.	U			
7440-31-5	Tin (Sn)		14.	U	14.	U			
7440-62-2	Vanadium (V)		1.2	J	2.2	J			
7440-66-6	Zinc (Zn)		6.5	J	5.8	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-PEST													
	SAMPLE ID ------->	006-G-W001-03		006-G-W002-03		006-G-W003-03		006-G-W004-03		006-G-W005-03		006-H-W005-03	
	ORIGINAL ID ----->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	LAB SAMPLE ID --->	31076.03		31030.06		31030.07		31030.08		31030.09		31030.10	
	ID FROM REPORT -->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	SAMPLE DATE ----->	09/18/97		09/13/97		09/13/97		09/13/97		09/13/97		09/13/97	
	DATE EXTRACTED -->	09/23/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	10/04/97		09/27/97		09/27/97		09/27/97		09/27/97		09/27/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31047	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
319-84-6	alpha-BHC	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
319-85-7	beta-BHC	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
319-86-8	delta-BHC	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
76-44-8	Heptachlor	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
309-00-2	Aldrin	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
1024-57-3	Heptachlor epoxide	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
959-98-8	Endosulfan I	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
60-57-1	Dieldrin	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
72-55-9	4,4'-DDE	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
72-20-8	Endrin	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
33213-65-9	Endosulfan II	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
72-54-8	4,4'-DDD	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
1031-07-8	Endosulfan sulfate	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
50-29-3	4,4'-DDT	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
72-43-5	Methoxychlor	0.38	U	0.38	UJ	0.38	UJ	0.38	U	0.38	UJ	0.38	UJ
53494-70-5	Endrin ketone	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
7421-93-4	Endrin aldehyde	0.08	U	0.08	UJ	0.08	UJ	0.08	U	0.08	UJ	0.08	UJ
5103-71-9	alpha-Chlordane	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
5103-74-2	gamma-Chlordane	0.04	U	0.04	UJ	0.04	UJ	0.04	U	0.04	UJ	0.04	UJ
8001-35-2	Toxaphene	2.5	U	2.5	UJ	2.5	UJ	2.5	U	2.5	UJ	2.5	UJ
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
11104-28-2	Aroclor-1221	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	UJ	1.	U	1.	UJ	1.	UJ
11097-69-1	Aroclor-1254	2.	U	2.	UJ	2.	UJ	2.	U	2.	UJ	2.	UJ
11096-82-5	Aroclor-1260	2.	U	2.	UJ	2.	UJ	2.	U	2.	UJ	2.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-PEST									
	SAMPLE ID ------->	006-G-W006-03		006-G-W007-03					
	ORIGINAL ID ----->	006GW00603		006GW00703					
	LAB SAMPLE ID --->	31076.01		31076.02					
	ID FROM REPORT -->	006GW00603		006GW00703					
	SAMPLE DATE ----->	09/18/97		09/18/97					
	DATE EXTRACTED -->	09/23/97		09/23/97					
	DATE ANALYZED --->	10/03/97		10/03/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	31047	VAL	31047	VAL				
319-84-6	alpha-BHC	0.04	U	0.04	U				
319-85-7	beta-BHC	0.04	U	0.04	U				
319-86-8	delta-BHC	0.04	U	0.04	U				
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U				
76-44-8	Heptachlor	0.04	U	0.04	U				
309-00-2	Aldrin	0.04	U	0.04	U				
1024-57-3	Heptachlor epoxide	0.04	U	0.04	U				
959-98-8	Endosulfan I	0.04	U	0.04	U				
60-57-1	Dieldrin	0.08	U	0.08	U				
72-55-9	4,4'-DDE	0.08	U	0.08	U				
72-20-8	Endrin	0.08	U	0.08	U				
33213-65-9	Endosulfan II	0.08	U	0.08	U				
72-54-8	4,4'-DDD	0.08	U	0.08	U				
1031-07-8	Endosulfan sulfate	0.08	U	0.08	U				
50-29-3	4,4'-DDT	0.08	U	0.08	U				
72-43-5	Methoxychlor	0.38	U	0.38	U				
53494-70-5	Endrin ketone	0.08	U	0.08	U				
7421-93-4	Endrin aldehyde	0.08	U	0.08	U				
5103-71-9	alpha-Chlordane	0.04	U	0.04	U				
5103-74-2	gamma-Chlordane	0.04	U	0.04	U				
8001-35-2	Toxaphene	2.5	U	2.5	U				
12674-11-2	Aroclor-1016	1.	U	1.	U				
11104-28-2	Aroclor-1221	1.	U	1.	U				
11141-16-5	Aroclor-1232	1.	U	1.	U				
53469-21-9	Aroclor-1242	1.	U	1.	U				
12672-29-6	Aroclor-1248	1.	U	1.	U				
11097-69-1	Aroclor-1254	2.	U	2.	U				
11096-82-5	Aroclor-1260	2.	U	2.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-SVOA															
	SAMPLE ID ------->	006-G-W001-03		006-G-W002-03		006-G-W003-03		006-G-W004-03		006-G-W005-03		006-H-W005-03	
	ORIGINAL ID ----->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	LAB SAMPLE ID --->	31076.03		31030.06		31030.07		31030.08		31030.09		31030.10	
	ID FROM REPORT -->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	SAMPLE DATE ----->	09/18/97		09/13/97		09/13/97		09/13/97		09/13/97		09/13/97	
	DATE EXTRACTED -->	09/20/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	10/04/97		10/01/97		10/01/97		10/01/97		10/01/97		10/01/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31047	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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	10.	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	2.	J	1.	J	1.	J
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-SVOA																	
	SAMPLE ID ------->	006-G-W001-03		006-G-W002-03		006-G-W003-03		006-G-W004-03		006-G-W005-03		006-H-W005-03	
	ORIGINAL ID ----->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	LAB SAMPLE ID --->	31076.03		31030.06		31030.07		31030.08		31030.09		31030.10	
	ID FROM REPORT -->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	SAMPLE DATE ----->	09/18/97		09/13/97		09/13/97		09/13/97		09/13/97		09/13/97	
	DATE EXTRACTED -->	09/20/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	10/04/97		10/01/97		10/01/97		10/01/97		10/01/97		10/01/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31047	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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	1.	J	2.	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.	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	3.	J	3.	J
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-74-2	Di-n-butylphthalate	2.	J	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	53.	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-SVOA									
	SAMPLE ID ------->	006-G-W006-03		006-G-W007-03					
	ORIGINAL ID ----->	006GW00603		006GW00703					
	LAB SAMPLE ID ---->	31076.01		31076.02					
	ID FROM REPORT -->	006GW00603		006GW00703					
	SAMPLE DATE ----->	09/18/97		09/18/97					
	DATE EXTRACTED -->	09/20/97		09/20/97					
	DATE ANALYZED --->	10/04/97		10/04/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	31047	VAL	31047	VAL				
108-95-2	Phenol	10.	U	10.	U				
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U				
95-57-8	2-Chlorophenol	10.	U	10.	U				
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U				
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U				
100-51-6	Benzyl alcohol	10.	U	10.	U				
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U				
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U				
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U				
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U				
67-72-1	Hexachloroethane	10.	U	10.	U				
98-95-3	Nitrobenzene	10.	U	10.	U				
78-59-1	Isophorone	10.	U	10.	U				
88-75-5	2-Nitrophenol	10.	U	10.	U				
105-67-9	2,4-Dimethylphenol	10.	U	10.	U				
65-85-0	Benzoic acid	10.	U	10.	U				
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U				
120-83-2	2,4-Dichlorophenol	10.	U	10.	U				
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U				
91-20-3	Naphthalene	10.	U	10.	U				
106-47-8	4-Chloroaniline	10.	U	10.	U				
87-68-3	Hexachlorobutadiene	10.	U	10.	U				
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U				
91-57-6	2-Methylnaphthalene	10.	U	10.	U				
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U				
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U				
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U				
91-58-7	2-Chloronaphthalene	10.	U	10.	U				
88-74-4	2-Nitroaniline	50.	U	50.	U				
131-11-3	Dimethyl phthalate	10.	U	10.	U				
208-96-8	Acenaphthylene	10.	U	10.	U				
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U				
99-09-2	3-Nitroaniline	50.	U	50.	U				
83-32-9	Acenaphthene	10.	U	10.	U				
51-28-5	2,4-Dinitrophenol	50.	U	50.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-SVOA									
	SAMPLE ID ------->	006-G-W006-03		006-G-W007-03					
	ORIGINAL ID ----->	006GW00603		006GW00703					
	LAB SAMPLE ID --->	31076.01		31076.02					
	ID FROM REPORT -->	006GW00603		006GW00703					
	SAMPLE DATE ----->	09/18/97		09/18/97					
	DATE EXTRACTED -->	09/20/97		09/20/97					
	DATE ANALYZED --->	10/04/97		10/04/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	31047	VAL	31047	VAL				
100-02-7	4-Nitrophenol	50.	U	50.	U				
132-64-9	Dibenzofuran	10.	U	10.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U				
84-66-2	Diethylphthalate	10.	U	10.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U				
86-73-7	Fluorene	10.	U	10.	U				
100-01-6	4-Nitroaniline	50.	U	50.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U				
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U				
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U				
118-74-1	Hexachlorobenzene	10.	U	10.	U				
87-86-5	Pentachlorophenol	50.	U	50.	U				
85-01-8	Phenanthrene	10.	U	10.	U				
120-12-7	Anthracene	10.	U	10.	U				
84-74-2	Di-n-butylphthalate	10.	U	10.	U				
206-44-0	Fluoranthene	10.	U	10.	U				
129-00-0	Pyrene	10.	U	10.	U				
85-68-7	Butylbenzylphthalate	10.	U	10.	U				
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U				
56-55-3	Benzo(a)anthracene	10.	U	10.	U				
218-01-9	Chrysene	10.	U	10.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U				
117-84-0	Di-n-octyl phthalate	10.	U	10.	U				
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U				
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U				
50-32-8	Benzo(a)pyrene	10.	U	10.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U				
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U				
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-VOA	SAMPLE ID ------->	006-G-W001-03		006-G-W002-03		006-G-W003-03		006-G-W004-03		006-G-W005-03		006-H-W005-03	
	ORIGINAL ID ----->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	LAB SAMPLE ID --->	31076.03		31030.06		31030.07		31030.08		31030.09		31030.10	
	ID FROM REPORT -->	006GW00103		006GW00203		006GW00303		006GW00403		006GW00503		006HW00503	
	SAMPLE DATE ----->	09/18/97		09/13/97		09/13/97		09/13/97		09/13/97		09/13/97	
	DATE ANALYZED --->	09/24/97		09/23/97		09/23/97		09/23/97		09/23/97		09/23/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31047	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	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
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	2.	J
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.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 006

SW846-VOA

SAMPLE ID ------->	006-G-W006-03		006-G-W007-03				
ORIGINAL ID ----->	006GW00603		006GW00703				
LAB SAMPLE ID --->	31076.01		31076.02				
ID FROM REPORT -->	006GW00603		006GW00703				
SAMPLE DATE ----->	09/18/97		09/18/97				
DATE ANALYZED --->	09/23/97		09/23/97				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS # Parameter	31047	VAL	31047	VAL			
74-87-3 Chloromethane	10.	U	10.	U			
74-83-9 Bromomethane	10.	U	10.	U			
75-01-4 Vinyl chloride	10.	U	10.	U			
75-00-3 Chloroethane	10.	U	10.	U			
75-09-2 Methylene chloride	5.	U	5.	U			
67-64-1 Acetone	10.	U	10.	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			
540-59-0 1,2-Dichloroethene (total)	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			
75-27-4 Bromodichloromethane	5.	U	5.	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	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			
10061-02-6 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.	UJ	10.	UJ			
127-18-4 Tetrachloroethene	5.	U	5.	U			
79-34-5 1,1,2,2-Tetrachloroethane	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			
1330-20-7 Xylene (Total)	5.	U	5.	U			
108-05-4 Vinyl acetate	10.	U	10.	U			
110-75-8 2-Chloroethyl vinyl ether	10.	UJ	10.	UJ			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

EXPLOSIVES													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03 RE		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE ANALYZED --->	09/17/97		09/18/97		10/08/97		09/18/97		09/18/97		09/18/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
2691-41-0	HMX	13.	U	13.	U	13.	U	13.	U	13.	U	13.	U
121-82-4	RDX (Cyclonite)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
99-35-4	1,3,5-Trinitrobenzene	7.3	U	7.3	U	7.3	U	7.3	U	7.3	U	7.3	U
479-45-8	Tetryl	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
99-65-0	1,3-Dinitrobenzene	4.	U	4.	U	4.	U	4.	U	4.	U	4.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U
98-95-3	Nitrobenzene	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
606-20-2	2,6-Dinitrotoluene	9.4	U	9.4	U	9.4	U	9.4	U	9.4	U	9.4	U
121-14-2	2,4-Dinitrotoluene	5.7	U	5.7	U	5.7	U	5.7	U	5.7	U	5.7	U
88-72-2	o-Nitrotoluene	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
99-99-0	p-Nitrotoluene	8.	U	8.	U	8.	U	8.	U	8.	U	8.	U
99-08-1	m-Nitrotoluene	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U	7.9	U
1946-51-0	4-AM-DNT	7.	U	7.	U	7.	U	7.	U	7.	U	7.	U
35572-78-2	2-Am-DNT	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

HYDRAZINE													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE ANALYZED --->	10/21/97		10/21/97		10/21/97		10/21/97		10/21/97		10/21/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
302-01-2	Hydrazine	16.7		5.	U	5.	U	9.09		10.2		5.1	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

SW846-META	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE EXTRACTED -->	09/22/97		09/22/97		09/22/97		09/22/97		09/22/97		09/22/97	
	DATE ANALYZED --->	10/04/97		10/04/97		10/04/97		10/04/97		10/04/97		10/04/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
7429-90-5	Aluminum (Al)	509.	J	27.9	UJ	888.	J	20.5	UJ	130.	J	8.	UJ
7440-36-0	Antimony (Sb)	5.93	U	1.6	U	9.7	U	1.6	U	1.6	U	1.6	U
7440-38-2	Arsenic (As)	5.6	J	2.1	U	10.2		2.3	J	4.5	J	31.7	
7440-39-3	Barium (Ba)	38.3	J	645.	J	93.9	J	78.8	J	23.8	J	17.8	U
7440-41-7	Beryllium (Be)	1.19	J	0.23	J	1.3	J	1.1	J	0.28	J	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)	124000.	J	230000.	J	242000.	J	131000.	J	100000.	J	123000.	J
7440-47-3	Chromium (Cr)	2.77	J	1.	U	6.7	J	1.	U	1.1	J	1.	U
7440-48-4	Cobalt (Co)	1.26	J	0.8	U	0.99	J	1.9	J	0.88	J	1.1	J
7440-50-8	Copper (Cu)	3.3	J	7.	J	18.1	J	1.4	U	1.4	U	1.4	U
7439-89-6	Iron (Fe)	2000.	J	3090.	J	1530.	J	7620.	J	8330.	J	10400.	J
7439-92-1	Lead (Pb)	1.23	U	2.	U	6.7	U	0.9	U	0.9	U	0.9	U
7439-95-4	Magnesium (Mg)	740000.	J	120000.	J	921000.	J	733000.	J	185000.	J	139000.	J
7439-96-5	Manganese (Mn)	90.6	J	258.	J	0.62	U	162.	J	774.	J	1470.	J
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)	1.01	J	0.91	J	2.	J	0.7	U	1.2	J	2.	J
7440-09-7	Potassium (K)	261000.		39400.		276000.		235000.		87600.		60700.	
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	1.2	J	1.	U	1.	U	1.5	J
7440-23-5	Sodium (Na)	7760000.		1030000.		8010000.		7400000.		2140000.		1380000.	
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	14.	U	14.	U	14.	U
7440-62-2	Vanadium (V)	24.		3.1	J	19.5	J	1.7	J	5.2	J	3.5	J
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	6.4	U	5.8	U	5.8	U	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

SW846-PEST													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE EXTRACTED -->	09/18/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	09/29/97		09/27/97		09/27/97		09/27/97		09/27/97		09/27/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
319-85-7	beta-BHC	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
319-86-8	delta-BHC	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
76-44-8	Heptachlor	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
309-00-2	Aldrin	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
1024-57-3	Heptachlor epoxide	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
72-55-9	4,4'-DDE	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
72-20-8	Endrin	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
33213-65-9	Endosulfan II	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
72-54-8	4,4'-DDD	0.08	U	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	UJ	0.08	UJ	0.08	UJ	0.08	UJ
50-29-3	4,4'-DDT	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	UJ	0.38	UJ	0.38	UJ	0.38	UJ
53494-70-5	Endrin ketone	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
7421-93-4	Endrin aldehyde	0.08	U	0.08	U	0.08	UJ	0.08	UJ	0.08	UJ	0.08	UJ
5103-71-9	alpha-Chlordane	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
5103-74-2	gamma-Chlordane	0.04	U	0.04	U	0.04	UJ	0.04	UJ	0.04	UJ	0.04	UJ
8001-35-2	Toxaphene	2.5	U	2.5	U	2.5	UJ	2.5	UJ	2.5	UJ	2.5	UJ
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ	1.	UJ
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ	1.	UJ
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ	1.	UJ
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ	1.	UJ
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	UJ	1.	UJ	1.	UJ	1.	UJ
11097-69-1	Aroclor-1254	2.	U	2.	U	2.	UJ	2.	UJ	2.	UJ	2.	UJ
11096-82-5	Aroclor-1260	2.	U	2.	U	2.	UJ	2.	UJ	2.	UJ	2.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

SW846-SVOA													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE EXTRACTED -->	09/18/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	10/01/97		10/02/97		10/02/97		10/01/97		10/02/97		10/02/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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	1.	J
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	2.	J
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	6.	J
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	5.	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.	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

SW846-SVOA													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE EXTRACTED -->	09/18/97		09/18/97		09/18/97		09/18/97		09/18/97		09/18/97	
	DATE ANALYZED --->	10/01/97		10/02/97		10/02/97		10/01/97		10/02/97		10/02/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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	1.	J	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	2.	J	1.	J	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	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 008

SW846-VOA													
	SAMPLE ID ------->	008-G-W001-03		008-G-W002-03		008-G-W003-03		008-G-W004-03		008-G-W005-03		008-G-W006-03	
	ORIGINAL ID ----->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	LAB SAMPLE ID --->	31030.01		31030.11		31030.12		31030.05		31030.13		31030.14	
	ID FROM REPORT -->	008GW00103		008GW00203		008GW00303		008GW00403		008GW00503		008GW00603	
	SAMPLE DATE ----->	09/13/97		09/14/97		09/14/97		09/13/97		09/14/97		09/14/97	
	DATE ANALYZED --->	09/23/97		09/23/97		09/22/97		09/23/97		09/22/97		09/22/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	VAL	31030	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.	U	10.	U	10.	UJ	10.	U	10.	UJ	10.	UJ
75-15-0	Carbon disulfide	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
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.	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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
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.	UJ	10.	U	10.	UJ	10.	UJ
127-18-4	Tetrachloroethene	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
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
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.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 011

PH							
	SAMPLE ID ------->	011-G-W001-03	011-G-W002-03	011-G-W003-03			
	ORIGINAL ID ----->	011GW00103	011GW00203	011GW00303			
	LAB SAMPLE ID --->	31030.15	31030.16	31030.17			
	ID FROM REPORT -->	011GW00103	011GW00203	011GW00303			
	SAMPLE DATE ----->	09/14/97	09/14/97	09/14/97			
	DATE ANALYZED --->	09/17/97	09/17/97	09/17/97			
	MATRIX ---------->	Water	Water	Water			
	UNITS ---------->	SU	SU	SU			
CAS #	Parameter	31030 VAL	31030 VAL	31030 VAL			
9999900-09-4	pH	6.7	7.31	6.93			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 011

SW846-META										
	SAMPLE ID ------->	011-G-W001-03		011-G-W002-03		011-G-W003-03				
	ORIGINAL ID ----->	011GW00103		011GW00203		011GW00303				
	LAB SAMPLE ID --->	31030.15		31030.16		31030.17				
	ID FROM REPORT -->	011GW00103		011GW00203		011GW00303				
	SAMPLE DATE ----->	09/14/97		09/14/97		09/14/97				
	DATE EXTRACTED -->	09/22/97		09/22/97		09/22/97				
	DATE ANALYZED --->	10/04/97		10/04/97		10/04/97				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL			
7429-90-5	Aluminum (Al)	70.6	J	75.	J	197.	J			
7440-36-0	Antimony (Sb)	1.6	U	1.6	U	2.1	U			
7440-38-2	Arsenic (As)	2.1	U	3.7	J	50.1				
7440-39-3	Barium (Ba)	42.	J	15.	U	109.	J			
7440-41-7	Beryllium (Be)	0.2	J	0.2	U	0.21	J			
7440-43-9	Cadmium (Cd)	0.3	U	0.3	U	0.3	U			
7440-70-2	Calcium (Ca)	107000.	J	103000.	J	169000.	J			
7440-47-3	Chromium (Cr)	1.1	J	1.	U	1.	U			
7440-48-4	Cobalt (Co)	0.8	U	0.8	U	0.83	J			
7440-50-8	Copper (Cu)	1.5	J	1.4	U	1.4	U			
7439-89-6	Iron (Fe)	68.8	U	525.	J	17700.	J			
7439-92-1	Lead (Pb)	1.9	U	1.4	U	1.5	U			
7439-95-4	Magnesium (Mg)	16800.	U	3960.	U	15200.	U			
7439-96-5	Manganese (Mn)	13.3	J	16.4	J	1390.	J			
7439-97-6	Mercury (Hg)	0.1	UJ	0.1	UJ	0.1	UJ			
7440-02-0	Nickel (Ni)	0.8	J	0.7	U	7.1	J			
7440-09-7	Potassium (K)	3970.	U	1560.	U	8970.				
7782-49-2	Selenium (Se)	5.4		3.4	U	3.4	U			
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U			
7440-23-5	Sodium (Na)	35900.	U	13200.	U	130000.	U			
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U			
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U			
7440-62-2	Vanadium (V)	3.7	J	1.3	J	1.9	J			
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	5.8	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 120

SW846-META											
	SAMPLE ID ------->	120-G-W001-03		120-G-W002-03		120-G-W003-03		120-H-W003-03			
	ORIGINAL ID ----->	120GW00103		120GW00203		120GW00303		120HW00303			
	LAB SAMPLE ID --->	31030.21		31030.22		31030.23		31030.24			
	ID FROM REPORT -->	120GW00103		120GW00203		120GW00303		120HW00303			
	SAMPLE DATE ----->	09/15/97		09/15/97		09/15/97		09/15/97			
	DATE EXTRACTED -->	09/23/97		09/23/97		09/23/97		09/23/97			
	DATE ANALYZED --->	10/03/97		10/03/97		10/03/97		10/03/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL		
7429-90-5	Aluminum (Al)	475.	J	15.5	UJ	117.	J	170.	J		
7440-36-0	Antimony (Sb)	1.6	U	1.6	U	2.8	U	1.6	U		
7440-38-2	Arsenic (As)	60.		5.8	J	37.3		42.8			
7440-39-3	Barium (Ba)	16.	U	15.	U	193.	J	194.	J		
7440-41-7	Beryllium (Be)	0.2	U	0.2	U	0.2	U	0.21	J		
7440-43-9	Cadmium (Cd)	0.34	J	0.3	U	0.39	J	0.76	J		
7440-70-2	Calcium (Ca)	53100.	J	76000.	J	114000.	J	117000.	J		
7440-47-3	Chromium (Cr)	1.8	J	1.	U	1.	U	2.4	J		
7440-48-4	Cobalt (Co)	0.8	U	0.8	U	0.91	J	3.5	J		
7440-50-8	Copper (Cu)	1.81	J	1.4	U	1.4	U	2.9	J		
7439-89-6	Iron (Fe)	8500.	J	4790.	J	8360.	J	8580.	J		
7439-92-1	Lead (Pb)	1.	U	0.9	U	0.9	U	0.9	U		
7439-95-4	Magnesium (Mg)	25100.	U	35500.	J	35000.	J	36200.	J		
7439-96-5	Manganese (Mn)	311.	J	636.	J	277.	J	282.	J		
7439-97-6	Mercury (Hg)	0.1	J	0.1	UJ	0.1	UJ	0.1	UJ		
7440-02-0	Nickel (Ni)	4.7	J	1.	J	14.5	J	16.4	J		
7440-09-7	Potassium (K)	16100.		24300.		28700.		29500.			
7782-49-2	Selenium (Se)	3.4	U	3.4	U	3.4	U	3.4	U		
7440-22-4	Silver (Ag)	1.	U	1.	U	1.	U	4.	J		
7440-23-5	Sodium (Na)	137000.	U	219000.		219000.		216000.	U		
7440-28-0	Thallium (Tl)	5.	U	5.	U	5.	U	5.	U		
7440-31-5	Tin (Sn)	14.	U	14.	U	14.	U	14.	U		
7440-62-2	Vanadium (V)	1.72	J	1.3	J	1.1	U	3.	J		
7440-66-6	Zinc (Zn)	5.8	U	5.8	U	71.9		71.2			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 120

SW846-PEST											
	SAMPLE ID ------->	120-G-W001-03		120-G-W002-03		120-G-W003-03		120-H-W003-03			
	ORIGINAL ID ----->	120GW00103		120GW00203		120GW00303		120HW00303			
	LAB SAMPLE ID --->	31030.21		31030.22		31030.23		31030.24			
	ID FROM REPORT -->	120GW00103		120GW00203		120GW00303		120HW00303			
	SAMPLE DATE ----->	09/15/97		09/15/97		09/15/97		09/15/97			
	DATE EXTRACTED -->	09/18/97		09/18/97		09/18/97		09/18/97			
	DATE ANALYZED --->	09/27/97		09/28/97		09/28/97		09/27/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL		
319-84-6	alpha-BHC	0.04	UJ	0.04	U	0.04	U	0.04	U		
319-85-7	beta-BHC	0.04	UJ	0.04	U	0.04	U	0.059	U		
319-86-8	delta-BHC	0.04	UJ	0.04	U	0.04	U	0.04	U		
58-89-9	gamma-BHC (Lindane)	0.04	UJ	0.04	U	0.04	U	0.04	U		
76-44-8	Heptachlor	0.04	UJ	0.04	U	0.04	U	0.04	U		
309-00-2	Aldrin	0.04	UJ	0.04	U	0.04	U	0.04	U		
1024-57-3	Heptachlor epoxide	0.04	UJ	0.04	U	0.04	U	0.04	U		
959-98-8	Endosulfan I	0.04	UJ	0.04	U	0.04	U	0.04	U		
60-57-1	Dieldrin	0.08	UJ	0.08	U	0.08	U	0.08	U		
72-55-9	4,4'-DDE	0.08	UJ	0.08	U	0.08	U	0.08	U		
72-20-8	Endrin	0.08	UJ	0.08	U	0.08	U	0.08	U		
33213-65-9	Endosulfan II	0.08	UJ	0.08	U	0.08	U	0.08	U		
72-54-8	4,4'-DDD	0.08	UJ	0.08	U	0.08	U	0.08	U		
1031-07-8	Endosulfan sulfate	0.08	UJ	0.08	U	0.08	U	0.08	U		
50-29-3	4,4'-DDT	0.08	UJ	0.08	U	0.08	U	0.08	U		
72-43-5	Methoxychlor	0.38	UJ	0.38	U	0.38	U	0.38	U		
53494-70-5	Endrin ketone	0.08	UJ	0.08	U	0.08	U	0.08	U		
7421-93-4	Endrin aldehyde	0.08	UJ	0.08	U	0.08	U	0.08	U		
5103-71-9	alpha-Chlordane	0.04	UJ	0.04	U	0.04	U	0.04	U		
5103-74-2	gamma-Chlordane	0.04	UJ	0.04	U	0.04	U	0.04	U		
8001-35-2	Toxaphene	2.5	UJ	2.5	U	2.5	U	2.5	U		
12674-11-2	Aroclor-1016	1.	UJ	1.	U	1.	U	1.	U		
11104-28-2	Aroclor-1221	1.	UJ	1.	U	1.	U	1.	U		
11141-16-5	Aroclor-1232	1.	UJ	1.	U	1.	U	1.	U		
53469-21-9	Aroclor-1242	1.	UJ	1.	U	1.	U	1.	U		
12672-29-6	Aroclor-1248	1.	UJ	1.	U	1.	U	1.	U		
11097-69-1	Aroclor-1254	2.	UJ	2.	U	2.	U	2.	U		
11096-82-5	Aroclor-1260	2.	UJ	2.	U	2.	U	2.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 120

SW846-SVOA											
	SAMPLE ID ------->	120-G-W001-03		120-G-W002-03		120-G-W003-03		120-H-W003-03			
	ORIGINAL ID ----->	120GW00103		120GW00203		120GW00303		120HW00303			
	LAB SAMPLE ID --->	31030.21		31030.22		31030.23		31030.24			
	ID FROM REPORT -->	120GW00103		120GW00203		120GW00303		120HW00303			
	SAMPLE DATE ----->	09/15/97		09/15/97		09/15/97		09/15/97			
	DATE EXTRACTED -->	10/07/97		09/18/97		09/18/97		09/29/97			
	DATE ANALYZED --->	10/02/97		10/02/97		10/02/97		09/27/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL		
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U		
111-44-4	bis(2-Chloroethyl)ether	10.	UJ	10.	U	10.	U	10.	U		
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U		
541-73-1	1,3-Dichlorobenzene	10.	UJ	10.	U	10.	U	10.	U		
106-46-7	1,4-Dichlorobenzene	10.	UJ	10.	U	10.	U	10.	U		
100-51-6	Benzyl alcohol	10.	UJ	10.	U	10.	U	10.	U		
95-50-1	1,2-Dichlorobenzene	10.	UJ	10.	U	10.	U	10.	U		
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	UJ	10.	U	10.	U	10.	U		
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	U		
621-64-7	N-Nitroso-di-n-propylamine	10.	UJ	10.	U	10.	U	10.	U		
67-72-1	Hexachloroethane	10.	UJ	10.	U	10.	U	10.	U		
98-95-3	Nitrobenzene	10.	UJ	10.	U	10.	U	10.	U		
78-59-1	Isophorone	10.	UJ	10.	U	10.	U	10.	U		
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	U		
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	U		
65-85-0	Benzoic acid	50.	U	6.	J	6.	J	50.	U		
111-91-1	bis(2-Chloroethoxy)methane	10.	UJ	10.	U	10.	U	10.	U		
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	U		
120-82-1	1,2,4-Trichlorobenzene	10.	UJ	10.	U	10.	U	10.	U		
91-20-3	Naphthalene	10.	UJ	10.	U	10.	U	10.	U		
106-47-8	4-Chloroaniline	10.	UJ	10.	U	10.	U	10.	U		
87-68-3	Hexachlorobutadiene	10.	UJ	10.	U	10.	U	10.	U		
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	U		
91-57-6	2-Methylnaphthalene	10.	UJ	10.	U	10.	U	10.	U		
77-47-4	Hexachlorocyclopentadiene	10.	UJ	10.	U	10.	U	10.	U		
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	U		
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	U		
91-58-7	2-Chloronaphthalene	10.	UJ	10.	U	10.	U	10.	U		
88-74-4	2-Nitroaniline	50.	UJ	50.	U	50.	U	50.	U		
131-11-3	Dimethyl phthalate	10.	UJ	10.	U	10.	U	10.	U		
208-96-8	Acenaphthylene	10.	UJ	10.	U	10.	U	10.	U		
606-20-2	2,6-Dinitrotoluene	10.	UJ	10.	U	10.	U	10.	U		
99-09-2	3-Nitroaniline	50.	UJ	50.	U	50.	U	50.	U		
83-32-9	Acenaphthene	10.	UJ	2.	J	10.	U	10.	U		
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 120

SW846-SVOA											
	SAMPLE ID ------->	120-G-W001-03		120-G-W002-03		120-G-W003-03		120-H-W003-03			
	ORIGINAL ID ----->	120GW00103		120GW00203		120GW00303		120HW00303			
	LAB SAMPLE ID --->	31030.21		31030.22		31030.23		31030.24			
	ID FROM REPORT -->	120GW00103		120GW00203		120GW00303		120HW00303			
	SAMPLE DATE ----->	09/15/97		09/15/97		09/15/97		09/15/97			
	DATE EXTRACTED -->	10/07/97		09/18/97		09/18/97		09/29/97			
	DATE ANALYZED --->	10/02/97		10/02/97		10/02/97		09/27/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	VAL		
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	U		
132-64-9	Dibenzofuran	10.	UJ	10.	U	10.	U	10.	U		
121-14-2	2,4-Dinitrotoluene	10.	UJ	10.	U	10.	U	10.	U		
84-66-2	Diethylphthalate	10.	UJ	10.	U	10.	U	10.	U		
7005-72-3	4-Chlorophenylphenylether	10.	UJ	10.	U	10.	U	10.	U		
86-73-7	Fluorene	10.	UJ	10.	U	10.	U	10.	U		
100-01-6	4-Nitroaniline	50.	UJ	50.	U	50.	U	50.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	U		
86-30-6	N-Nitrosodiphenylamine	10.	UJ	10.	U	10.	U	10.	U		
101-55-3	4-Bromophenyl-phenylether	10.	UJ	10.	U	10.	U	10.	U		
118-74-1	Hexachlorobenzene	10.	UJ	10.	U	10.	U	10.	U		
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	U		
85-01-8	Phenanthrene	10.	UJ	10.	U	10.	U	10.	U		
120-12-7	Anthracene	10.	UJ	10.	U	10.	U	10.	U		
84-74-2	Di-n-butylphthalate	10.	UJ	10.	U	10.	U	10.	U		
206-44-0	Fluoranthene	10.	UJ	10.	U	10.	U	10.	U		
129-00-0	Pyrene	10.	UJ	10.	U	10.	U	10.	U		
85-68-7	Butylbenzylphthalate	10.	UJ	10.	U	10.	U	10.	U		
91-94-1	3,3'-Dichlorobenzidine	20.	UJ	20.	U	20.	U	20.	U		
56-55-3	Benzo(a)anthracene	10.	UJ	10.	U	10.	U	10.	U		
218-01-9	Chrysene	10.	UJ	10.	U	10.	U	10.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	UJ	10.	U	10.	U	10.	U		
117-84-0	Di-n-octyl phthalate	10.	UJ	10.	U	10.	U	10.	U		
205-99-2	Benzo(b)fluoranthene	10.	UJ	10.	U	10.	U	10.	U		
207-08-9	Benzo(k)fluoranthene	10.	UJ	10.	U	10.	U	10.	U		
50-32-8	Benzo(a)pyrene	10.	UJ	10.	U	10.	U	10.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	10.	UJ	10.	U	10.	U	10.	U		
53-70-3	Dibenz(a,h)anthracene	10.	UJ	10.	U	10.	U	10.	U		
191-24-2	Benzo(g,h,i)perylene	10.	UJ	10.	U	10.	U	10.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES SWMU 120

SW846-VOA									
	SAMPLE ID ------->	120-G-W001-03		120-G-W002-03		120-G-W003-03		120-H-W003-03	
	ORIGINAL ID ----->	120GW00103		120GW00203		120GW00303		120HW00303	
	LAB SAMPLE ID --->	31030.21		31030.22		31030.23		31030.24	
	ID FROM REPORT -->	120GW00103		120GW00203		120GW00303		120HW00303	
	SAMPLE DATE ----->	09/15/97		09/15/97		09/15/97		09/15/97	
	DATE ANALYZED --->	09/23/97		09/23/97		09/23/97		09/24/97	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	31030	VAL	31030	VAL	31030	VAL	31030	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.	UJ	5.	UJ	5.	UJ	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
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
10061-01-5	cis-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
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U
591-78-6	2-Hexanone	10.	U	10.	U	10.	U	10.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	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
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

EXPLOSIVE

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE ANALYZED --->	09/24/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	VAL
2691-41-0	HMX	13.	U
121-82-4	RDX (Cyclonite)	14.	U
99-35-4	1,3,5-Trinitrobenzene	7.3	U
99-65-0	1,3-Dinitrobenzene	4.	U
479-45-8	Tetryl	10.	U
98-95-3	Nitrobenzene	7.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U
1946-51-0	4-AM-DNT	7.	U
35572-78-2	2-Am-DNT	12.	U
606-20-2	2,6-Dinitrotoluene	9.4	U
121-14-2	2,4-Dinitrotoluene	5.7	U
88-72-2	o-Nitrotoluene	12.	U
99-99-0	p-Nitrotoluene	8.	U
99-08-1	m-Nitrotoluene	7.9	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

HYDRAZINE							
	SAMPLE ID ------->	636-G-W001-03					
	ORIGINAL ID ----->	636GW00103					
	LAB SAMPLE ID --->	31047.04					
	ID FROM REPORT -->	636GW00103					
	SAMPLE DATE ----->	09/16/97					
	DATE ANALYZED --->	10/21/97					
	MATRIX ---------->	Water					
	UNITS ----------->	UG/L					
CAS #	Parameter	31047	VAL				
302-01-2	Hydrazine	16.					

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

SW846-META

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	10/03/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	VAL
7429-90-5	Aluminum (Al)	1200.	
7440-36-0	Antimony (Sb)	3.6	U
7440-38-2	Arsenic (As)	3.6	J
7440-39-3	Barium (Ba)	106.	
7440-41-7	Beryllium (Be)	0.37	U
7440-43-9	Cadmium (Cd)	1.4	J
7440-70-2	Calcium (Ca)	165000.	
7440-47-3	Chromium (Cr)	3.2	J
7440-48-4	Cobalt (Co)	1.	J
7440-50-8	Copper (Cu)	1.4	U
7439-89-6	Iron (Fe)	27300.	
7439-92-1	Lead (Pb)	0.9	U
7439-95-4	Magnesium (Mg)	380000.	
7439-96-5	Manganese (Mn)	487.	
7439-97-6	Mercury (Hg)	0.28	
7440-02-0	Nickel (Ni)	1.9	J
7440-09-7	Potassium (K)	120000.	
7782-49-2	Selenium (Se)	3.4	U
7440-22-4	Silver (Ag)	1.	U
7440-23-5	Sodium (Na)	3590000.	
7440-28-0	Thallium (Tl)	5.	U
7440-31-5	Tin (Sn)	14.	U
7440-62-2	Vanadium (V)	5.7	J
7440-66-6	Zinc (Zn)	9.	J

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

SW846-PEST

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE EXTRACTED -->	09/18/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	VAL
319-84-6	alpha-BHC	0.04	UJ
319-85-7	beta-BHC	0.04	UJ
319-86-8	delta-BHC	0.04	UJ
58-89-9	gamma-BHC (Lindane)	0.04	UJ
76-44-8	Heptachlor	0.04	UJ
309-00-2	Aldrin	0.04	UJ
1024-57-3	Heptachlor epoxide	0.04	UJ
959-98-8	Endosulfan I	0.04	UJ
60-57-1	Dieldrin	0.08	UJ
72-55-9	4,4'-DDE	0.08	UJ
72-20-8	Endrin	0.08	UJ
33213-65-9	Endosulfan II	0.08	UJ
72-54-8	4,4'-DDD	0.08	UJ
1031-07-8	Endosulfan sulfate	0.08	UJ
50-29-3	4,4'-DDT	0.08	UJ
72-43-5	Methoxychlor	0.38	UJ
53494-70-5	Endrin ketone	0.08	UJ
7421-93-4	Endrin aldehyde	0.08	UJ
5103-71-9	alpha-Chlordane	0.04	UJ
5103-74-2	gamma-Chlordane	0.04	UJ
8001-35-2	Toxaphene	2.5	UJ
12674-11-2	Aroclor-1016	1.	UJ
11104-28-2	Aroclor-1221	1.	UJ
11141-16-5	Aroclor-1232	1.	UJ
53469-21-9	Aroclor-1242	1.	UJ
12672-29-6	Aroclor-1248	1.	UJ
11097-69-1	Aroclor-1254	2.	UJ
11096-82-5	Aroclor-1260	2.	UJ

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

SW846-SVOA

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE EXTRACTED -->	09/29/97
DATE ANALYZED --->	10/04/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

SW846-SVOA

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE EXTRACTED -->	09/29/97
DATE ANALYZED --->	10/04/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 636

SW846-VOA

SAMPLE ID ------->	636-G-W001-03
ORIGINAL ID ----->	636GW00103
LAB SAMPLE ID --->	31047.04
ID FROM REPORT -->	636GW00103
SAMPLE DATE ----->	09/16/97
DATE ANALYZED --->	09/22/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31047	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.	UJ
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
75-27-4	Bromodichloromethane	5.	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
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
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

EXPLOSIVES

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE ANALYZED --->	09/18/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	VAL
2691-41-0	HMX	13.	U
121-82-4	RDX (Cyclonite)	14.	U
99-35-4	1,3,5-Trinitrobenzene	7.3	U
479-45-8	Tetryl	10.	U
99-65-0	1,3-Dinitrobenzene	4.	U
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	6.4	U
98-95-3	Nitrobenzene	7.	U
606-20-2	2,6-Dinitrotoluene	9.4	U
121-14-2	2,4-Dinitrotoluene	5.7	U
88-72-2	o-Nitrotoluene	12.	U
99-99-0	p-Nitrotoluene	8.	U
99-08-1	m-Nitrotoluene	7.9	U
1946-51-0	4-AM-DNT	7.	U
35572-78-2	2-Am-DNT	12.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

HYDRAZINE	SAMPLE ID ------->	637-G-W001-03					
	ORIGINAL ID ----->	637GW00103					
	LAB SAMPLE ID --->	31030.18					
	ID FROM REPORT -->	637GW00103					
	SAMPLE DATE ----->	09/14/97					
	DATE ANALYZED --->	10/21/97					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	31030	VAL				
302-01-2	Hydrazine	5.	U				

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

SW846-META

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE EXTRACTED -->	09/22/97
DATE ANALYZED --->	10/04/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	31030	VAL
7429-90-5	Aluminum (Al)	150.	J
7440-36-0	Antimony (Sb)	4.4	U
7440-38-2	Arsenic (As)	5.1	J
7440-39-3	Barium (Ba)	3660.	J
7440-41-7	Beryllium (Be)	0.23	J
7440-43-9	Cadmium (Cd)	0.3	U
7440-70-2	Calcium (Ca)	135000.	J
7440-47-3	Chromium (Cr)	14.6	
7440-48-4	Cobalt (Co)	1.4	J
7440-50-8	Copper (Cu)	42.	
7439-89-6	Iron (Fe)	14400.	J
7439-92-1	Lead (Pb)	12.3	U
7439-95-4	Magnesium (Mg)	157000.	J
7439-96-5	Manganese (Mn)	195.	J
7439-97-6	Mercury (Hg)	0.26	J
7440-02-0	Nickel (Ni)	4.1	J
7440-09-7	Potassium (K)	96800.	
7782-49-2	Selenium (Se)	3.4	U
7440-22-4	Silver (Ag)	1.	U
7440-23-5	Sodium (Na)	1940000.	
7440-28-0	Thallium (Tl)	5.	U
7440-31-5	Tin (Sn)	14.	U
7440-62-2	Vanadium (V)	4.7	J
7440-66-6	Zinc (Zn)	198.	

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

SW846-PEST

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE EXTRACTED -->	09/18/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

SW846-SVOA

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE EXTRACTED -->	09/18/97
DATE ANALYZED --->	10/02/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	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	2.	J
51-28-5	2,4-Dinitrophenol	50.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

SW846-SVOA

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE EXTRACTED -->	09/18/97
DATE ANALYZED --->	10/02/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	31030	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	2.	J
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	1.	J
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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 637

SW846-VOA

SAMPLE ID ------->	637-G-W001-03
ORIGINAL ID ----->	637GW00103
LAB SAMPLE ID --->	31030.18
ID FROM REPORT -->	637GW00103
SAMPLE DATE ----->	09/14/97
DATE ANALYZED --->	09/22/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	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.	UJ
75-15-0	Carbon disulfide	5.	UJ
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.	UJ
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	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
71-43-2	Benzene	17.	
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.	UJ
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	27.	
108-90-7	Chlorobenzene	53.	
100-41-4	Ethylbenzene	170.	
100-42-5	Styrene	5.	U
1330-20-7	Xylene (Total)	1400.	D
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 638

SW846-META

SAMPLE ID ------->	638-G-W001-03
ORIGINAL ID ----->	638GW00103
LAB SAMPLE ID --->	31030.25
ID FROM REPORT -->	638GW00103
SAMPLE DATE ----->	09/15/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	10/03/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	VAL
7429-90-5	Aluminum (Al)	8.	UJ
7440-36-0	Antimony (Sb)	1.6	U
7440-38-2	Arsenic (As)	4.7	J
7440-39-3	Barium (Ba)	14.6	U
7440-41-7	Beryllium (Be)	0.2	U
7440-43-9	Cadmium (Cd)	0.3	U
7440-70-2	Calcium (Ca)	70200.	J
7440-47-3	Chromium (Cr)	1.	U
7440-48-4	Cobalt (Co)	0.8	U
7440-50-8	Copper (Cu)	1.4	U
7439-89-6	Iron (Fe)	4680.	J
7439-92-1	Lead (Pb)	0.9	U
7439-95-4	Magnesium (Mg)	162000.	J
7439-96-5	Manganese (Mn)	162.	J
7439-97-6	Mercury (Hg)	0.1	UJ
7440-02-0	Nickel (Ni)	0.7	U
7440-09-7	Potassium (K)	79000.	
7782-49-2	Selenium (Se)	3.4	U
7440-22-4	Silver (Ag)	1.	U
7440-23-5	Sodium (Na)	1530000.	
7440-28-0	Thallium (Tl)	5.	U
7440-31-5	Tin (Sn)	14.	U
7440-62-2	Vanadium (V)	1.1	U
7440-66-6	Zinc (Zn)	5.8	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 638

SW846-PEST

SAMPLE ID ------->	638-G-W001-03
ORIGINAL ID ----->	638GW00103
LAB SAMPLE ID --->	31030.25
ID FROM REPORT -->	638GW00103
SAMPLE DATE ----->	09/15/97
DATE EXTRACTED -->	09/18/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	31030	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	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
959-98-8	Endosulfan I	0.04	U
60-57-1	Dieldrin	0.08	U
72-55-9	4,4'-DDE	0.08	U
72-20-8	Endrin	0.08	U
33213-65-9	Endosulfan II	0.08	U
72-54-8	4,4'-DDD	0.08	U
1031-07-8	Endosulfan sulfate	0.08	U
50-29-3	4,4'-DDT	0.08	U
72-43-5	Methoxychlor	0.38	U
53494-70-5	Endrin ketone	0.08	U
7421-93-4	Endrin aldehyde	0.08	U
5103-71-9	alpha-Chlordane	0.04	U
5103-74-2	gamma-Chlordane	0.04	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 638

SW846-SVOA

SAMPLE ID ------->	638-G-W001-03
ORIGINAL ID ----->	638GW00103
LAB SAMPLE ID --->	31030.25
ID FROM REPORT -->	638GW00103
SAMPLE DATE ----->	09/15/97
DATE EXTRACTED -->	09/29/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	31030	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

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 638

SW846-SVOA

SAMPLE ID ------->	638-G-W001-03
ORIGINAL ID ----->	638GW00103
LAB SAMPLE ID --->	31030.25
ID FROM REPORT -->	638GW00103
SAMPLE DATE ----->	09/15/97
DATE EXTRACTED -->	09/29/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	31030	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 ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES AOC 638

SW846-VOA

SAMPLE ID ------->	638-G-W001-03
ORIGINAL ID ----->	638GW00103
LAB SAMPLE ID --->	31030.25
ID FROM REPORT -->	638GW00103
SAMPLE DATE ----->	09/15/97
DATE ANALYZED --->	09/24/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	31030	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	3.	J
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
75-27-4	Bromodichloromethane	5.	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
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
108-05-4	Vinyl acetate	10.	U
110-75-8	2-Chloroethyl vinyl ether	10.	U

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

CHLORIDE	SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03			
	ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03			
	ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97			
	DATE ANALYZED --->	09/30/97		10/03/97		10/09/97		10/03/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	VAL		
16887-00-6	Chloride	3760.		578.		9740.		1160.			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

CYANIDE													
		SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03				
		ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03				
		LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03				
		ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03				
		SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97				
		DATE EXTRACTED -->	09/24/97		09/24/97		09/24/97		09/24/97				
		DATE ANALYZED --->	09/24/97		09/24/97		09/24/97		09/24/97				
		MATRIX ---------->	Water		Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L				
CAS #	Parameter		31047	VAL	31047	VAL	31047	VAL	31047	VAL			
57-12-5	Cyanide (CN)		2.1	J	2.	U	2.	U	2.	U			

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SULFATE							
	SAMPLE ID ------->	GDG-G-W001-03	GDG-G-W002-03	GDG-G-W01D-03	GDG-G-W02D-03		
	ORIGINAL ID ----->	GDGGW00103	GDGGW00203	GDGGW01D03	GDGGW02D03		
	LAB SAMPLE ID --->	31060.04	31060.02	31060.05	31060.03		
	ID FROM REPORT -->	GDGGW00103	GDGGW00203	GDGGW01D03	GDGGW02D03		
	SAMPLE DATE ----->	09/17/97	09/17/97	09/17/97	09/17/97		
	DATE ANALYZED --->	09/29/97	09/29/97	09/29/97	09/30/97		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	31047 VAL	31047 VAL	31047 VAL	31047 VAL		
14808-79-8	Sulfate	32.6	153.	0.28	190.		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SW846-META											
		SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03		
		ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03		
		LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03		
		ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03		
		SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97		
		DATE EXTRACTED -->	09/23/97		09/23/97		09/23/97		09/23/97		
		DATE ANALYZED --->	10/03/97		10/03/97		10/03/97		10/03/97		
		MATRIX ---------->	Water		Water		Water		Water		
		UNITS ---------->	UG/L		UG/L		UG/L		UG/L		
CAS #	Parameter		31047	VAL	31047	VAL	31047	VAL	31047	VAL	
7429-90-5	Aluminum (Al)		644.		136.		147.		94.6	J	
7440-36-0	Antimony (Sb)		4.3	U	1.6	U	2.2	U	1.6	U	
7440-38-2	Arsenic (As)		112.		9.4	J	2.1	U	55.2		
7440-39-3	Barium (Ba)		585.		17.4		75.9		209.		
7440-41-7	Beryllium (Be)		0.28	U	0.2	U	0.51	U	0.2	U	
7440-43-9	Cadmium (Cd)		0.3	U	1.5	J	0.34	J	3.3	J	
7440-70-2	Calcium (Ca)		121000.		85600.		105000.		338000.		
7440-47-3	Chromium (Cr)		3.3	J	1.6	J	7.2	J	1.9	J	
7440-48-4	Cobalt (Co)		1.2	J	0.8	U	0.8	U	9.1	J	
7440-50-8	Copper (Cu)		17.	J	1.4	U	1.4	U	1.6	J	
7439-89-6	Iron (Fe)		2210.		30500.		4000.		16300.		
7439-92-1	Lead (Pb)		10.4		0.9	U	0.9	U	0.9	U	
7439-95-4	Magnesium (Mg)		229000.		70100.		624000.		77400.		
7439-96-5	Manganese (Mn)		195.		2580.		249.		8180.		
7439-97-6	Mercury (Hg)		0.14	J	0.17	J	0.14	J	0.18	J	
7440-02-0	Nickel (Ni)		3.1	J	1.2	J	3.5	J	21.	J	
7440-09-7	Potassium (K)		82700.		45900.		186000.		14700.		
7782-49-2	Selenium (Se)		3.4	U	3.4	U	3.4	U	3.5	J	
7440-22-4	Silver (Ag)		1.	U	1.	U	1.	U	1.	U	
7440-23-5	Sodium (Na)		1970000.		553000.		6480000.		514000.		
7440-28-0	Thallium (Tl)		5.	U	5.	U	5.	U	5.	U	
7440-31-5	Tin (Sn)		14.	U	14.	U	14.	U	14.	U	
7440-62-2	Vanadium (V)		13.9	J	3.3	J	1.1	U	1.1	U	
7440-66-6	Zinc (Zn)		31.7		40.3		5.8	U	50.8		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SW846-PEST											
	SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03			
	ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03			
	ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97			
	DATE EXTRACTED -->	09/19/97		09/19/97		09/19/97		09/19/97			
	DATE ANALYZED --->	09/25/97		09/24/97		09/24/97		09/24/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	VAL		
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U		
319-85-7	beta-BHC	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		
58-89-9	gamma-BHC (Lindane)	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		
309-00-2	Aldrin	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		
959-98-8	Endosulfan I	0.04	U	0.04	U	0.04	U	0.04	U		
60-57-1	Dieldrin	0.08	U	0.08	U	0.08	U	0.08	U		
72-55-9	4,4'-DDE	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		
33213-65-9	Endosulfan II	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		
1031-07-8	Endosulfan sulfate	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		
72-43-5	Methoxychlor	0.38	U	0.38	U	0.38	U	0.38	U		
53494-70-5	Endrin ketone	0.08	U	0.08	U	0.08	U	0.08	U		
7421-93-4	Endrin aldehyde	0.08	U	0.08	U	0.08	U	0.08	U		
5103-71-9	alpha-Chlordane	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		
8001-35-2	Toxaphene	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		
11104-28-2	Aroclor-1221	1.	U	1.	U	1.	U	1.	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	2.	U	2.	U	2.	U	2.	U		
11096-82-5	Aroclor-1260	2.	U	2.	U	2.	U	2.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SW846-SVOA											
	SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03			
	ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03			
	ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97			
	DATE EXTRACTED -->	09/20/97		09/20/97		09/20/97		09/20/97			
	DATE ANALYZED --->	10/04/97		10/04/97		10/04/97		10/04/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	VAL		
108-95-2	Phenol	2.	J	10.	U	10.	U	10.	UR		
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U		
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	UR		
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
100-51-6	Benzyl alcohol	10.	U	10.	U	10.	U	10.	UR		
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U		
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U	10.	U	10.	UR		
108-60-1	2,2'-oxybis(1-Chloropropane)	10.	U	10.	U	10.	U	10.	U		
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U	10.	UR		
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U	10.	U	10.	U		
67-72-1	Hexachloroethane	10.	U	10.	U	10.	U	10.	U		
98-95-3	Nitrobenzene	10.	U	10.	U	10.	U	10.	U		
78-59-1	Isophorone	10.	U	10.	U	10.	U	10.	U		
88-75-5	2-Nitrophenol	10.	U	10.	U	10.	U	10.	UR		
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	UR		
65-85-0	Benzoic acid	50.	U	10.	U	10.	U	10.	UR		
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U	10.	U	10.	U		
120-83-2	2,4-Dichlorophenol	10.	U	10.	U	10.	U	10.	UR		
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U	10.	U	10.	U		
91-20-3	Naphthalene	10.	U	10.	U	10.	U	10.	U		
106-47-8	4-Chloroaniline	10.	U	10.	U	10.	U	10.	U		
87-68-3	Hexachlorobutadiene	10.	U	10.	U	10.	U	10.	U		
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U	10.	U	10.	UR		
91-57-6	2-Methylnaphthalene	10.	U	10.	U	10.	U	10.	U		
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U	10.	U	10.	U		
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U	10.	U	10.	UR		
95-95-4	2,4,5-Trichlorophenol	50.	U	50.	U	50.	U	50.	UR		
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U		
88-74-4	2-Nitroaniline	50.	U	50.	U	50.	U	50.	U		
131-11-3	Dimethyl phthalate	10.	U	10.	U	10.	U	10.	U		
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U	10.	U		
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U		
99-09-2	3-Nitroaniline	50.	U	50.	U	50.	U	50.	U		
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U		
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	UR		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SW846-SVOA											
	SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03			
	ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03			
	ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97			
	DATE EXTRACTED -->	09/20/97		09/20/97		09/20/97		09/20/97			
	DATE ANALYZED --->	10/04/97		10/04/97		10/04/97		10/04/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	VAL		
100-02-7	4-Nitrophenol	50.	U	50.	U	50.	U	50.	UR		
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U		
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U		
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U		
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U		
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U		
100-01-6	4-Nitroaniline	50.	U	50.	U	50.	U	50.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U	50.	U	50.	UR		
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U	10.	U	10.	U		
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U	10.	U		
118-74-1	Hexachlorobenzene	10.	U	10.	U	10.	U	10.	U		
87-86-5	Pentachlorophenol	50.	U	50.	U	50.	U	50.	UR		
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U		
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U		
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U	10.	U		
206-44-0	Fluoranthene	10.	U	10.	U	10.	U	10.	U		
129-00-0	Pyrene	10.	U	10.	U	10.	U	10.	U		
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U	10.	U		
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U	20.	U	20.	U		
56-55-3	Benzo(a)anthracene	10.	U	10.	U	10.	U	10.	U		
218-01-9	Chrysene	10.	U	10.	U	10.	U	10.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	16.	U	13.	U	19.	U	16.	U		
117-84-0	Di-n-octyl phthalate	10.	U	10.	U	10.	U	10.	U		
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U	10.	U	10.	U		
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U	10.	U	10.	U		
50-32-8	Benzo(a)pyrene	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		
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U	10.	U	10.	U		
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U	10.	U	10.	U		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

SW846-VOA											
	SAMPLE ID ------->	GDG-G-W001-03		GDG-G-W002-03		GDG-G-W01D-03		GDG-G-W02D-03			
	ORIGINAL ID ----->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	LAB SAMPLE ID --->	31060.04		31060.02		31060.05		31060.03			
	ID FROM REPORT -->	GDGGW00103		GDGGW00203		GDGGW01D03		GDGGW02D03			
	SAMPLE DATE ----->	09/17/97		09/17/97		09/17/97		09/17/97			
	DATE ANALYZED --->	09/23/97		09/23/97		09/23/97		09/23/97			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	31047	VAL	31047	VAL	31047	VAL	31047	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		
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		
10061-01-5	cis-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		
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U		
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U		
591-78-6	2-Hexanone	10.	UJ	10.	UJ	10.	UJ	10.	UJ		
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U		
79-34-5	1,1,2,2-Tetrachloroethane	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		
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U		
110-75-8	2-Chloroethyl vinyl ether	10.	UJ	10.	UJ	10.	UJ	10.	UJ		

*** Validation Complete ***

CHARLESTON - ZONE G
CHARLESTON ZONE G QUARTERLY GW
THIRD ROUND GROUNWATER SAMPLES GRID

TDS							
	SAMPLE ID ------->	GDG-G-W001-03	GDG-G-W002-03	GDG-G-W01D-03	GDG-G-W02D-03		
	ORIGINAL ID ----->	GDGGW00103	GDGGW00203	GDGGW01D03	GDGGW02D03		
	LAB SAMPLE ID --->	31060.04	31060.02	31060.05	31060.03		
	ID FROM REPORT -->	GDGGW00103	GDGGW00203	GDGGW01D03	GDGGW02D03		
	SAMPLE DATE ----->	09/17/97	09/17/97	09/17/97	09/17/97		
	DATE ANALYZED --->	09/23/97	09/23/97	09/23/97	09/23/97		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	31047 VAL	31047 VAL	31047 VAL	31047 VAL		
9999900-07-2	Total Dissolved Solids (TDS)	7040.	183.	19200.	2990.		

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SURFACE WATER SAMPLES

METAL									
		SAMPLE ID ------->	006-R-0922-93		006-R-1027-93				
		ORIGINAL ID ----->	S06R0922		S06R1027				
		LAB SAMPLE ID --->	S345315*5		S346088*42				
		ID FROM REPORT -->	S06R0922		S06R1027				
		SAMPLE DATE ----->	09/22/93		10/27/93				
		DATE ANALYZED --->	10/13/93						
		MATRIX ---------->	Water		Water				
		UNITS ---------->	ug/l		ug/l				
CAS #	Parameter		CNS03	VAL	CNS19	VAL			
CN	Cyanide		10.	U	10.	U			
CD	Cadmium		5.	U	5.	U			
CA	Calcium		500.	U	500.	U			
CR	Chromium		10.	U	10.	U			
CO	Cobalt		10.	U	10.	U			
CU	Copper		25.	U	25.	U			
FE	Iron		50.	U	50.	U			
PB	Lead		5.	U	5.	U			
MG	Magnesium		500.	U	500.	U			
MN	Manganese		10.	U	10.	U			
HG	Mercury		0.2	U	0.2	U			
NI	Nickel		40.	U	40.	U			
K	Potassium		1000.	U	1000.	U			
SE	Selenium		10.	U	10.	U			
AG	Silver (Ag)		10.	U	10.	U			
NA	Sodium		500.	U	500.	U			
TL	Thallium		10.	U	10.	U			
ZN	Zinc		20.	U	20.	U			
V	Vanadium		10.	U	10.	U			
AL	Aluminum		200.	U	200.	U			
SB	Antimony		50.	U	50.	U			
AS	Arsenic		10.	U	10.	U			
BA	Barium		10.	U	10.	U			
BE	Beryllium		5.	U	5.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SURFACE WATER SAMPLES

PEST

SAMPLE ID ------->	006-R-0922-93
ORIGINAL ID ----->	S06R0922
LAB SAMPLE ID --->	S345315*5
ID FROM REPORT -->	S06R0922
SAMPLE DATE ----->	09/22/93
DATE EXTRACTED -->	09/29/93
DATE ANALYZED --->	10/09/93
MATRIX ---------->	Water
UNITS ----------->	ug/l

CAS #	Parameter	CNS03	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
53494-70-5	Endrin ketone	0.1	U
72-43-5	Methoxychlor	0.5	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
7421-93-4	Endrin aldehyde	0.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SURFACE WATER SAMPLES

SVOA

SAMPLE ID ------->	006-R-0922-93
ORIGINAL ID ----->	S06R0922
LAB SAMPLE ID --->	S345315*5
ID FROM REPORT -->	S06R0922
SAMPLE DATE ----->	09/22/93
DATE EXTRACTED -->	09/27/93
DATE ANALYZED --->	09/30/93
MATRIX ---------->	Water
UNITS ----------->	ug/l

CAS #	Parameter	CNS03	VAL
108-95-2	Phenol	10.	U
95-57-8	2-Chlorophenol	10.	U
106-46-7	1,4-Dichlorobenzene	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)	NR	
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	20.	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	10.	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
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

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SURFACE WATER SAMPLES

SVOA

SAMPLE ID ------->	006-R-0922-93
ORIGINAL ID ----->	S06R0922
LAB SAMPLE ID --->	S345315*5
ID FROM REPORT -->	S06R0922
SAMPLE DATE ----->	09/22/93
DATE EXTRACTED -->	09/27/93
DATE ANALYZED --->	09/30/93
MATRIX ---------->	Water
UNITS ----------->	ug/l

CAS #	Parameter	CNS03	VAL
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
111-44-4	bis(2-Chloroethyl)ether	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	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
106-44-5	4-Methylphenol (p-Cresol)	10.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SURFACE WATER SAMPLES

VOA

SAMPLE ID ------->	006-R-0922-93
ORIGINAL ID ----->	S06R0922
LAB SAMPLE ID --->	S345315*5
ID FROM REPORT -->	S06R0922
SAMPLE DATE ----->	09/22/93
DATE ANALYZED --->	10/06/93
MATRIX ---------->	Water
UNITS ---------->	ug/l

CAS #	Parameter	CNS03	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	83.	
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)	50.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	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
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)	50.	U
591-78-6	2-Hexanone	50.	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
156-59-2	cis-1,2-Dichloroethene	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	10.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL																	
		SAMPLE ID ------->	006-S-B011-93		006-S-B021-93		006-S-B022-93		006-S-B031-93		006-S-B041-93		006-S-B042-93	
		ORIGINAL ID ----->	S06B0101		S0680201		S06B0202		S0680301		S0680401		S0680402	
		LAB SAMPLE ID --->	S345287*1		S345287*2		S345287*5		S345287*3		S345287*4		S346028*17	
		ID FROM REPORT -->	S06B0101		S0680201		S06B0202		S0680301		S0680401		S0680402	
		SAMPLE DATE ----->	09/21/93		09/21/93		09/21/93		09/21/93		09/21/93		10/26/93	
		DATE ANALYZED --->	10/07/93		10/07/93		10/07/93		10/07/93		10/07/93		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		CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL
CN	Cyanide		1.2	U	1.2	U	2.	U	1.3	U	1.1	U	1.8	U
CD	Cadmium		0.95		0.62	U	0.98	U	0.63	U	0.56	U	0.91	U
CA	Calcium		3500.		63000.		12000.		11000.		38000.		8000.	
CR	Chromium		17.		11.		41.		17.		20.		35.	
CO	Cobalt		3.3		4.		7.3		2.9		2.1		5.9	
CU	Copper		62.		42.		30.		23.		47.		48.	
FE	Iron		15000.		5100.		29000.		11000.		6900.		32000.	
PB	Lead		320.		72.		48.		57.		100.		123.	
MG	Magnesium		640.		1200.		5200.		1500.		1200.		4100.	
MN	Manganese		75.		120.		360.		190.		89.		400.	
HG	Mercury		0.35		0.054		0.25		0.17		0.21		4.	J
NI	Nickel		19.		10.		11.		5.3		8.5		9.9	
K	Potassium		350.		360.		2600.		650.		340.		1900.	
SE	Selenium		1.2	U	1.2	U	9.865	UJ	1.2	U	1.1	U	9.1	UJ
AG	Silver (Ag)		1.2	U	1.2	U	2.	U	1.2	U	1.1	U	1.8	U
NA	Sodium		58.	U	800.		4100.		520.		280.		1400.	
TL	Thallium		1.2	UJ	1.2	UJ	2.	UJ	1.2	UJ	1.1	UJ	1.8	U
ZN	Zinc		230.		65.		100.		110.		120.		200.	
V	Vanadium		26.		11.		71.		24.		15.		59.	
AL	Aluminum		7300.		3300.		22000.		7400.		5200.		14000.	
SB	Antimony		5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
AS	Arsenic		9.3		5.1		22.		8.		8.2		28.	
BA	Barium		55.		45.		33.		43.		31.		47.	
BE	Beryllium		0.81		0.62	U	1.2		0.62	U	0.56	U	1.1	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	006-S-B051-93		006-S-B061-93		006-S-B061-93		006-S-B071-93		006-S-B072-93		006-S-B092-93	
	ORIGINAL ID ----->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	LAB SAMPLE ID --->	S345315*1		S345315*2		S345315*4		S345315*3		S346088*1		S346088*2	
	ID FROM REPORT -->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	SAMPLE DATE ----->	09/22/93		09/22/93		09/22/93		09/22/93		10/27/93		10/27/93	
	DATE ANALYZED --->	10/07/93		10/07/93		10/07/93		10/07/93		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	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL	CNS17	VAL
CN	Cyanide	1.1	U	1.2	U	1.1	U	1.2	U	2.1	UJ	2.2	UJ
CD	Cadmium	0.57	U	0.58	U	0.57	U	0.6	U	1.1	U	1.1	U
CA	Calcium	200000.		3200.		11000.		6800.		9100.		12000.	
CR	Chromium	10.		7.5		7.1		16.		43.	J	37.	J
CO	Cobalt	2.5		1.2	U	1.2		1.4		7.4		7.3	
CU	Copper	2.9	U	4.5		5.8		15.		27.		32.	
FE	Iron	5000.		6100.		5700.		6000.		34000.		39000.	
PB	Lead	6.9		13.		11.		64.		48.		52.	
MG	Magnesium	2900.		440.		490.		680.		6000.		6300.	
MN	Manganese	150.		42.		47.		48.		320.		630.	
HG	Mercury	0.025		0.56		0.55		0.076		0.82	J	0.23	J
NI	Nickel	6.8		4.7	U	4.6	U	4.8	U	12.		10.	
K	Potassium	350.		140.		140.		450.		3100.		2600.	
SE	Selenium	1.1	U	1.2	U	1.1	U	1.2	U	2.1	UJ	11.	UJ
AG	Silver (Ag)	1.1	U	1.2	U	1.2	U	1.2	U	2.1	U	2.2	U
NA	Sodium	280.		310.		360.		60.	U	5800.		5500.	
TL	Thallium	1.1	UJ	1.2	UJ	1.2	UJ	1.2	UJ	2.1	U	2.2	UJ
ZN	Zinc	19.		13.		16.		58.		100.	J	110.	J
V	Vanadium	10.		11.		9.1		19.		73.	J	68.	J
AL	Aluminum	4700.		9900.		9000.		6600.		19000.		16000.	
SB	Antimony	5.7	U	5.8	U	5.7	U	6.	U	11.	UJ	11.	UJ
AS	Arsenic	2.4		1.8		1.9		5.		37.		25.	
BA	Barium	20.		47.		49.		31.		32.		29.	
BE	Beryllium	0.57	U	0.68		0.73		0.6	U	1.3		1.1	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	006-S-B122-93		006-S-B141-93		006-S-B142-93		006-S-B151-93		006-S-B152-93		006-S-B172-93	
	ORIGINAL ID ----->	S06B1202		S06B1401		S06B1402		S06B1501		S06B1502		S06B1702	
	LAB SAMPLE ID --->	S346028*18		S346088*3		S346088*4		S346088*5		S346088*6		S346088*7	
	ID FROM REPORT -->	S06B1202		S06B1401		S06B1402		S06B1501		S06B1502		S06B1702	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	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	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
CN	Cyanide	2.2	U	1.3	UJ	2.1	UJ	1.1	UJ	1.6	UJ	2.1	UJ
CD	Cadmium	1.1	U	1.1		1.1	U	2.7		0.79	U	1.	U
CA	Calcium	16000.		22000.		13000.		21000.		21000.		7800.	
CR	Chromium	39.		23.	J	44.	J	25.	J	37.	J	45.	J
CO	Cobalt	7.6		23.		8.		11.		7.		7.9	
CU	Copper	33.		12.		34.		540.		69.		37.	
FE	Iron	38000.		14000.		36000.		21000.		28000.		33000.	
PB	Lead	70.		20.		62.		1000.	J	103.		52.	
MG	Magnesium	6100.		800.		6000.		1100.		4500.		5200.	
MN	Manganese	650.		55.		520.		160.		530.		360.	
HG	Mercury	1.5	J	0.055	J	0.34	J	0.12	J	0.35	J	0.37	J
NI	Nickel	11.		5.3	U	12.		24.		11.		13.	
K	Potassium	2600.		440.		2800.		520.		2200.		3000.	
SE	Selenium	11.	UJ	6.6	UJ	11.	UJ	5.7	UJ	7.9	UJ	4.3	UJ
AG	Silver (Ag)	2.2	U	1.3	U	2.1	U	2.5		1.6	U	2.1	U
NA	Sodium	2200.		230.		4800.		620.		3400.		3900.	
TL	Thallium	2.2	U	1.3	U	2.1	U	1.2	U	1.6	UJ	2.1	UJ
ZN	Zinc	130.		41.	J	120.	J	930.	J	180.	J	120.	J
V	Vanadium	73.		20.	J	72.	J	42.	J	52.	J	68.	J
AL	Aluminum	17000.		7300.		21000.		7100.		14000.		22000.	
SB	Antimony	11.	U	6.6	UJ	11.	UJ	7.5	J	7.9	UJ	10.	UJ
AS	Arsenic	16.		3.7		26.		4.8		19.		20.	
BA	Barium	31.		29.		36.		170.		50.		34.	
BE	Beryllium	1.2		0.66	U	1.2		0.57	U	0.88		1.4	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	006-S-B201-93		006-S-B202-93		006-S-B212-93		006-S-B251-93		006-C-B251-93 D		006-S-B252-93	
	ORIGINAL ID ----->	S0682001		S0682002		S0682102		S0682501		S0682510		S0682502	
	LAB SAMPLE ID --->	S346088*8		S346088*9		S346028*19		S346088*10		S346088A*3		S346088*11	
	ID FROM REPORT -->	S0682001		S0682002		S0682102		S0682501		S0682510		S0682502	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/26/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->			11/16/93		11/11/93				11/08/93		11/16/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS17	VAL	CNS18	VAL	CNS17	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL
CN	Cyanide	1.2	UJ	2.	UJ	1.9	U	1.1	UJ	NR		2.1	UJ
CD	Cadmium	0.59	U	1.	U	0.93	U	0.92		1.1		1.	U
CA	Calcium	21000.		13000.		31000.		34000.		18500.	J	9200.	
CR	Chromium	38.	J	43.		42.		33.		95.		45.	
CO	Cobalt	26.		9.		7.2		2.6		2.7		8.9	
CU	Copper	12.		36.		32.		23.		16.5	J	34.	
FE	Iron	17000.		37000.		29000.		10000.		13200.		36000.	
PB	Lead	8.5		66.		53.		11.		13.1	J	52.	
MG	Magnesium	830.		6300.		4500.		850.		645.		5900.	
MN	Manganese	65.		470.		460.		77.		72.9	J	440.	
HG	Mercury	0.023	J	0.22		0.24	J	0.022		0.04	J	0.25	
NI	Nickel	4.7	U	13.		11.		4.6	U	6.1		13.	
K	Potassium	320.		3200.		2800.		160.		233.		2900.	
SE	Selenium	1.2	UJ	10.	UJ	9.3	UJ	5.7	UJ	5.9	UJ	10.	UJ
AG	Silver (Ag)	1.2	U	2.	U	1.9	U	1.1	U	1.2	U	2.1	U
NA	Sodium	350.		4500.		2100.		57.	U	58.9	U	2100.	
TL	Thallium	1.2	U	2.	U	1.9	UJ	1.1	U	1.2	U	2.1	U
ZN	Zinc	14.	J	120.		120.		29.		28.1		120.	
V	Vanadium	18.	J	77.		69.		15.		17.5		77.	
AL	Aluminum	5700.		20000.		23000.		5800.		6170.		22000.	
SB	Antimony	5.9	UJ	10.	UJ	9.3	U	5.7	UJ	5.9	UR	10.	UJ
AS	Arsenic	3.7		43.		21.		4.3		4.7		36.	
BA	Barium	28.		39.		33.		27.		22.4		40.	
BE	Beryllium	0.59	U	1.5		1.2		0.57	U	0.59	U	1.4	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL													
		SAMPLE ID ------->	006-S-B261-93		006-S-B262-93		006-S-B272-93		006-C-B272-93 D		006-S-B292-93		006-S-B312-93	
		ORIGINAL ID ----->	S06B2601		S0682602		S0682702		S0682720		S0682902		S0683102	
		LAB SAMPLE ID --->	S346088*12		S346088*13		S346088*14		S346088A*4		S346088*15		S346088*16	
		ID FROM REPORT -->	S0682601		S0682602		S0682702		S0682720		S0682902		S0683102	
		SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
		DATE ANALYZED --->			11/16/93				11/08/93		11/16/93			
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter		CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL	CNS18	VAL
CN	Cyanide		1.2	UJ	1.8	UJ	2.4	UJ	NR		1.8	UJ	2.2	UJ
CD	Cadmium		0.59	U	0.91	U	1.2	U	1.1	U	0.89	U	1.1	U
CA	Calcium		29000.		11000.		16000.		18400.	J	12000.		12000.	
CR	Chromium		30.		37.		44.		49.3		39.		46.	
CO	Cobalt		4.6		7.9		9.3		9.9		7.2		9.9	
CU	Copper		7.9		30.		35.		34.8	J	32.		40.	
FE	Iron		12000.		34000.		40000.		38000.		31000.		40000.	
PB	Lead		4.9		47.		52.		64.9	J	86.		58.	
MG	Magnesium		810.		5200.		6200.		6270.		4600.		6300.	
MN	Manganese		59.		550.		800.		716.	J	600.		720.	
HG	Mercury		0.019		0.42		0.25		0.38	J	0.22		0.27	
NI	Nickel		4.7	U	11.		13.		16.4		12.		13.	
K	Potassium		420.		2700.		3000.		3170.		2100.		3200.	
SE	Selenium		5.9	UJ	9.1	UJ	12.	UJ	11.2	UJ	8.9	UJ	11.	UJ
AG	Silver (Ag)		1.2	U	1.8	U	2.4	U	2.2	U	1.8	U	2.2	U
NA	Sodium		120.		3500.		3700.		3570.		620.		3200.	
TL	Thallium		1.2	U	1.8	U	2.4	U	2.2	U	1.8	U	2.2	U
ZN	Zinc		14.		110.		120.		142.		120.		140.	
V	Vanadium		18.		65.		78.		76.2		60.		84.	
AL	Aluminum		7100.		16000.		19000.		29100.		17000.		20000.	
SB	Antimony		5.9	UJ	9.1	UJ	12.	UJ	11.2	UR	8.9	UJ	11.	UJ
AS	Arsenic		1.6		20.		32.		24.3		18.		27.	
BA	Barium		31.		34.		35.		43.2		32.		35.	
BE	Beryllium		0.59	U	1.3		1.5		1.4		1.1		1.7	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

METAL								
	SAMPLE ID ------->	006-S-B322-93		006-S-B332-93				
	ORIGINAL ID ----->	S0683202		S0683302				
	LAB SAMPLE ID --->	S346088*17		S346088*18				
	ID FROM REPORT -->	S0683202		S0683302				
	SAMPLE DATE ----->	10/27/93		10/27/93				
	DATE ANALYZED --->	11/16/93						
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	mg/kg		mg/kg				
CAS #	Parameter	CNS18	VAL	CNS18	VAL			
CN	Cyanide	2.4	UJ	1.9	UJ			
CD	Cadmium	1.2	U	0.94	U			
CA	Calcium	13000.		11000.				
CR	Chromium	55.		36.				
CO	Cobalt	11.		6.8				
CU	Copper	47.		29.				
FE	Iron	45000.		29000.				
PB	Lead	81.		62.				
MG	Magnesium	7500.		4900.				
MN	Manganese	690.		480.				
HG	Mercury	0.57		0.42				
NI	Nickel	16.		9.8				
K	Potassium	3800.		2400.				
SE	Selenium	2.4	UJ	9.4	UJ			
AG	Silver (Ag)	2.4	U	1.9	U			
NA	Sodium	4300.		3500.				
TL	Thallium	2.4	U	1.9	U			
ZN	Zinc	160.		110.				
V	Vanadium	91.		62.				
AL	Aluminum	27000.		18000.				
SB	Antimony	12.	UJ	9.4	UJ			
AS	Arsenic	31.		20.				
BA	Barium	45.		34.				
BE	Beryllium	1.7		0.98				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B011-93		006-S-B021-93		006-S-B022-93		006-S-B031-93		006-S-B041-93		006-S-B042-93	
	ORIGINAL ID ----->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	LAB SAMPLE ID --->	S345287*1		S345287*2		S345287*5		S345287*3		S345287*4		S346028*17	
	ID FROM REPORT -->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	SAMPLE DATE ----->	09/21/93		09/21/93		09/21/93		09/21/93		09/21/93		10/26/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93		09/24/93		10/29/93	
	DATE ANALYZED --->	10/20/93		10/19/93		10/19/93		10/19/93		10/20/93		12/02/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL
319-84-6	alpha-BHC	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
319-85-7	beta-BHC	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
319-86-8	delta-BHC	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
58-89-9	gamma-BHC (Lindane)	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
76-44-8	Heptachlor	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
309-00-2	Aldrin	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
1024-57-3	Heptachlor epoxide	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
959-98-8	Endosulfan I	2.	U	10.	U	3.3	U	2.1	U	9.4	U	3.	U
60-57-1	Dieldrin	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U
72-55-9	4,4'-DDE	3.8	U	42.		6.5	U	53.		99.		8.3	
72-20-8	Endrin	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U
33213-65-9	Endosulfan II	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U
72-54-8	4,4'-DDD	3.8	U	110.		18.		13.		27.		5.9	U
1031-07-8	Endosulfan sulfate	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U
50-29-3	4,4'-DDT	3.8	U	72.		6.5	U	11.		200.		5.9	U
53494-70-5	Endrin ketone	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U
72-43-5	Methoxychlor	22.		100.	U	33.	U	21.	U	94.	U	30.	U
5103-71-9	alpha-Chlordane	2.	U	10.	U	3.3	U	2.1	U	20.		3.	U
5103-74-2	gamma-Chlordane	2.	U	10.	U	3.3	U	2.8		34.		3.	U
8001-35-2	Toxaphene	200.	U	1000.	U	330.	U	210.	U	940.	U	300.	U
12674-11-2	Aroclor-1016	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
11104-28-2	Aroclor-1221	78.	U	410.	U	130.	U	84.	U	370.	U	120.	U
11141-16-5	Aroclor-1232	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
53469-21-9	Aroclor-1242	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
12672-29-6	Aroclor-1248	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
11097-69-1	Aroclor-1254	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
11096-82-5	Aroclor-1260	38.	U	200.	U	65.	U	41.	U	180.	U	59.	U
7421-93-4	Endrin aldehyde	3.8	U	20.	U	6.5	U	4.1	U	18.	U	5.9	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B051-93		006-S-B061-93		006-S-B061-93		006-S-B071-93		006-S-B072-93		006-S-B092-93	
	ORIGINAL ID ----->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	LAB SAMPLE ID --->	S345315*1		S345315*2		S345315*4		S345315*3		S346088*1		S346088*2	
	ID FROM REPORT -->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	SAMPLE DATE ----->	09/22/93		09/22/93		09/22/93		09/22/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93					
	DATE ANALYZED --->	10/19/93		10/20/93		10/20/93		10/20/93		12/09/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL	CNS17	VAL
319-84-6	alpha-BHC	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
319-85-7	beta-BHC	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
319-86-8	delta-BHC	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
58-89-9	gamma-BHC (Lindane)	200.	U	20.	U	20.	U	26.		3.6	U	3.7	U
76-44-8	Heptachlor	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
309-00-2	Aldrin	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
1024-57-3	Heptachlor epoxide	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
959-98-8	Endosulfan I	200.	U	20.	U	20.	U	20.	U	3.6	U	3.7	U
60-57-1	Dieldrin	380.	U	38.	U	38.	U	39.	U	7.	U	7.2	U
72-55-9	4,4'-DDE	1000.		110.		170.		430.		7.	U	7.2	U
72-20-8	Endrin	380.	U	38.	U	38.	U	39.	U	7.	U	7.2	U
33213-65-9	Endosulfan II	380.	U	38.	U	38.	U	39.	U	7.	U	7.2	U
72-54-8	4,4'-DDD	590.		77.		140.		420.		7.	U	7.2	U
1031-07-8	Endosulfan sulfate	380.	U	38.	U	38.	U	39.	U	7.	U	7.2	U
50-29-3	4,4'-DDT	4200.		290.		600.		2000.		7.	U	7.2	U
53494-70-5	Endrin ketone	380.	U	38.	U	38.	U	39.	U	7.	U	7.2	U
72-43-5	Methoxychlor	2000.	U	200.	U	200.	U	200.	U	36.	U	37.	U
5103-71-9	alpha-Chlordane	200.	U	20.	U	20.	U	66.		3.6	U	3.7	U
5103-74-2	gamma-Chlordane	200.	U	20.	U	20.	U	91.		3.6	U	3.7	U
8001-35-2	Toxaphene	20000.	U	2000.	U	2000.	U	2000.	U	360.	U	370.	U
12674-11-2	Aroclor-1016	3800.	U	380.	U	380.	U	390.	U	70.	U	72.	U
11104-28-2	Aroclor-1221	7700.	U	780.	U	770.	U	800.	U	140.	U	140.	U
11141-16-5	Aroclor-1232	3800.	U	380.	U	380.	U	390.	U	70.	U	72.	U
53469-21-9	Aroclor-1242	3800.	U	380.	U	380.	U	390.	U	70.	U	72.	U
12672-29-6	Aroclor-1248	3800.	U	380.	U	380.	U	390.	U	70.	U	72.	U
11097-69-1	Aroclor-1254	26000.		380.	U	380.	U	390.	U	70.	U	72.	U
11096-82-5	Aroclor-1260	3800.	U	2400.		2400.		390.	U	70.	U	72.	U
7421-93-4	Endrin aldehyde	3.8	U	38.	U	38.	U	39.	U	7.	U	7.2	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B122-93		006-S-B141-93		006-S-B142-93		006-S-B151-93		006-S-B152-93		006-S-B172-93	
	ORIGINAL ID ----->	S06B1202		S06B1401		S06B1402		S06B1501		S06B1502		S06B1702	
	LAB SAMPLE ID --->	S346028*18		S346088*3		S346088*4		S346088*5		S346088*6		S346088*7	
	ID FROM REPORT -->	S06B1202		S06B1401		S06B1402		S06B1501		S06B1502		S06B1702	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93											
	DATE ANALYZED --->	12/02/93		12/08/93				12/09/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
319-84-6	alpha-BHC	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
319-85-7	beta-BHC	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
319-86-8	delta-BHC	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
58-89-9	gamma-BHC (Lindane)	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
76-44-8	Heptachlor	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
309-00-2	Aldrin	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
1024-57-3	Heptachlor epoxide	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
959-98-8	Endosulfan I	3.6	U	2.6		3.6	U	2.	U	2.7	U	3.5	U
60-57-1	Dieldrin	7.	U	4.3	U	7.	U	3.8	U	5.2	U	6.9	U
72-55-9	4,4'-DDE	7.	U	5.	U	7.	U	3.8	U	5.2	U	6.9	U
72-20-8	Endrin	7.	U	4.3	U	7.	U	3.8	U	5.2	U	6.9	U
33213-65-9	Endosulfan II	7.	U	6.1	U	7.	U	3.8	U	5.2	U	6.9	U
72-54-8	4,4'-DDD	7.	U	4.3	U	7.	U	3.8	U	5.2	U	6.9	U
1031-07-8	Endosulfan sulfate	7.	U	6.		7.	U	3.8	U	5.2	U	6.9	U
50-29-3	4,4'-DDT	7.9		7.7	U	7.	U	3.8	U	5.2	U	6.9	U
53494-70-5	Endrin ketone	7.	U	4.3	U	7.	U	3.8	U	5.2	U	6.9	U
72-43-5	Methoxychlor	36.	U	22.	U	36.	U	20.	U	27.	U	35.	U
5103-71-9	alpha-Chlordane	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
5103-74-2	gamma-Chlordane	3.6	U	2.2	U	3.6	U	2.	U	2.7	U	3.5	U
8001-35-2	Toxaphene	360.	U	220.	U	360.	U	200.	U	270.	U	350.	U
12674-11-2	Aroclor-1016	70.	U	43.	U	70.	U	38.	U	52.	U	69.	U
11104-28-2	Aroclor-1221	140.	U	88.	U	140.	U	77.	U	110.	U	140.	U
11141-16-5	Aroclor-1232	70.	U	43.	U	70.	U	38.	U	52.	U	69.	U
53469-21-9	Aroclor-1242	70.	U	43.	U	70.	U	38.	U	52.	U	69.	U
12672-29-6	Aroclor-1248	70.	U	43.	U	70.	U	38.	U	52.	U	69.	U
11097-69-1	Aroclor-1254	70.	U	43.	U	70.	U	38.	U	52.	U	69.	U
11096-82-5	Aroclor-1260	70.	U	240.	U	70.	U	970.	P	120.	P	69.	U
7421-93-4	Endrin aldehyde	7.	U	4.3	U	7.	U	3.8	U	5.2	U	6.9	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B201-93		006-S-B202-93		006-S-B212-93		006-S-B251-93		006-C-B251-93 D		006-S-B252-93	
	ORIGINAL ID ----->	S0682001		S0682002		S0682102		S0682501		S0682510		S0682502	
	LAB SAMPLE ID --->	S346088*8		S346088*9		S346028*19		S346088*10		S346088A*3		S346088*11	
	ID FROM REPORT -->	S0682001		S0682002		S0682102		S0682501		S0682510		S0682502	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/26/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->					10/29/93				11/03/93			
	DATE ANALYZED --->			12/02/93		12/08/93				12/04/93		12/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS18	VAL	CNS17	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL
319-84-6	alpha-BHC	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
319-85-7	beta-BHC	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
319-86-8	delta-BHC	2.	U	3.4	U	3.1	U	2.4		2.	UJ	3.5	U
58-89-9	gamma-BHC (Lindane)	2.	U	3.4	U	3.1	U	4.6		2.	UJ	3.5	U
76-44-8	Heptachlor	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
309-00-2	Aldrin	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
1024-57-3	Heptachlor epoxide	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
959-98-8	Endosulfan I	2.	U	3.4	U	3.1	U	2.	U	2.	UJ	3.5	U
60-57-1	Dieldrin	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U
72-55-9	4,4'-DDE	9.9		6.6	U	6.	U	56.	D	43.	D	6.9	U
72-20-8	Endrin	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U
33213-65-9	Endosulfan II	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U
72-54-8	4,4'-DDD	8.2		6.6	U	6.	U	14.	J	13.	J	6.9	U
1031-07-8	Endosulfan sulfate	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U
50-29-3	4,4'-DDT	3.9	U	6.6	U	7.7		40.	J	32.	J	6.9	U
53494-70-5	Endrin ketone	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U
72-43-5	Methoxychlor	20.	U	34.	U	31.	U	20.	U	20.	UJ	35.	U
5103-71-9	alpha-Chlordane	2.	U	3.4	U	3.1	U	6.9		3.8	J	3.5	U
5103-74-2	gamma-Chlordane	2.	U	3.4	U	3.1	U	7.3		9.5	J	3.5	U
8001-35-2	Toxaphene	200.	U	340.	U	310.	U	200.	U	200.	UJ	350.	U
12674-11-2	Aroclor-1016	39.	U	66.	U	60.	U	38.	U	39.	UJ	69.	U
11104-28-2	Aroclor-1221	79.	U	134.	U	120.	U	77.	U	79.	UJ	140.	U
11141-16-5	Aroclor-1232	39.	U	66.	U	60.	U	38.	U	39.	UJ	69.	U
53469-21-9	Aroclor-1242	39.	U	66.	U	60.	U	38.	U	39.	UJ	69.	U
12672-29-6	Aroclor-1248	39.	U	66.	U	60.	U	38.	U	39.	UJ	69.	U
11097-69-1	Aroclor-1254	39.	U	66.	U	60.	U	38.	U	39.	UJ	69.	U
11096-82-5	Aroclor-1260	420.		66.	U	440.		38.	U	39.	UJ	69.	U
7421-93-4	Endrin aldehyde	3.9	U	6.6	U	6.	U	3.8	U	3.9	UJ	6.9	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B261-93		006-S-B262-93		006-S-B262-93 RE		006-S-B272-93		006-S-B272-93 RE		006-C-B272-93 D	
	ORIGINAL ID ----->	S0682601		S0682602		S06B2602RE		S0682702		S0682702		S0682720	
	LAB SAMPLE ID --->	S346088*12		S346088*13		S346088*113		S346088*14		S346088*114		S346088A*4	
	ID FROM REPORT -->	S0682601		S0682602		S0682602RE		S0682702		S0682702		S0682720	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->											11/03/93	
	DATE ANALYZED --->			12/12/93								12/07/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS14	VAL
319-84-6	alpha-BHC	2.	U	3.1	U	3.	U	17.	J	41.	U	3.8	UJ
319-85-7	beta-BHC	2.	U	3.1	U	3.	U	26.	J	41.	U	3.8	UJ
319-86-8	delta-BHC	2.	U	3.1	U	3.	U	150.	J	119.		3.8	UJ
58-89-9	gamma-BHC (Lindane)	2.	U	3.1	U	3.	U	24.	J	41.	U	3.8	UJ
76-44-8	Heptachlor	2.	U	3.1	U	3.	U	5.7	J	41.	U	3.8	UJ
309-00-2	Aldrin	2.	U	3.1	U	3.	U	4.1	U	41.	U	3.8	UJ
1024-57-3	Heptachlor epoxide	2.	U	3.1	U	3.	U	4.1	U	41.	U	3.8	UJ
959-98-8	Endosulfan I	2.	U	3.1	U	3.	U	4.1	U	41.	U	3.8	UJ
60-57-1	Dieldrin	3.9	U	6.	U	6.	U	8.	U	80.	U	7.3	UJ
72-55-9	4,4'-DDE	3.9	U	6.	U	6.	U	270.	J	360.		13.	J
72-20-8	Endrin	3.9	U	6.	U	6.	U	80.	J	80.	U	7.3	UJ
33213-65-9	Endosulfan II	3.9	U	6.	U	6.	U	8.	U	80.	U	7.3	UJ
72-54-8	4,4'-DDD	3.9	U	6.	U	6.	U	880.	J	2500.	D	150.	D
1031-07-8	Endosulfan sulfate	3.9	U	6.	U	6.	U	8.	U	80.	U	7.3	UJ
50-29-3	4,4'-DDT	3.9	U	6.	U	6.	U	3000.	J	1300.	D	74.	J
53494-70-5	Endrin ketone	3.9	U	6.	U	6.	U	11.	J	80.	U	7.3	UJ
72-43-5	Methoxychlor	20.	U	31.	U	30.	U	41.	U	410.	U	38.	UJ
5103-71-9	alpha-Chlordane	2.	U	3.1	U	3.	U	140.	J	140.		7.2	J
5103-74-2	gamma-Chlordane	2.	U	3.1	U	3.	U	220.	J	190.		9.3	J
8001-35-2	Toxaphene	200.	U	310.	U	300.	U	410.	U	4100.	U	380.	UJ
12674-11-2	Aroclor-1016	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
11104-28-2	Aroclor-1221	79.	U	120.	U	120.	U	160.	U	1600.	U	150.	UJ
11141-16-5	Aroclor-1232	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
53469-21-9	Aroclor-1242	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
12672-29-6	Aroclor-1248	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
11097-69-1	Aroclor-1254	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
11096-82-5	Aroclor-1260	39.	U	60.	U	60.	U	80.	U	800.	U	73.	UJ
7421-93-4	Endrin aldehyde	3.9	U	6.	U	6.	U	8.	U	80.	U	7.3	UJ

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	006-S-B292-93		006-S-B292-93 RE		006-S-B312-93		006-S-B312-93 RE		006-S-B322-93		006-S-B322-93 RE	
	ORIGINAL ID ----->	S0682902		S0682902		S0683102		S0683102RE		S0683202		S0683202(RE)	
	LAB SAMPLE ID --->	S346088*15		S346088*115		S346088*16		S346088*116		S346088*17		46088-117	
	ID FROM REPORT -->	S0682902		S0682902		S0683102		S0683102RE		S0683202		S0683202(RE)	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	12/12/93								12/12/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
319-84-6	alpha-BHC	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
319-85-7	beta-BHC	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
319-86-8	delta-BHC	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
58-89-9	gamma-BHC (Lindane)	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
76-44-8	Heptachlor	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
309-00-2	Aldrin	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
1024-57-3	Heptachlor epoxide	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
959-98-8	Endosulfan I	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
60-57-1	Dieldrin	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.8	U
72-55-9	4,4'-DDE	5.9	U	5.9	U	7.2	U	7.2	U	22.	J	27.	
72-20-8	Endrin	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.8	U
33213-65-9	Endosulfan II	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.8	U
72-54-8	4,4'-DDD	14.	J	15.		7.2	U	7.2	U	71.	J	92.	
1031-07-8	Endosulfan sulfate	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.8	U
50-29-3	4,4'-DDT	7.	J	7.3		7.2	U	7.2	U	110.	J	130.	J
53494-70-5	Endrin ketone	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.8	U
72-43-5	Methoxychlor	30.	U	30.	U	37.	U	37.	U	40.	U	40.	U
5103-71-9	alpha-Chlordane	3.	U	3.	U	3.7	U	3.7	U	4.	U	4.	U
5103-74-2	gamma-Chlordane	3.	U	3.	U	3.7	U	3.7	U	4.1	J	5.2	U
8001-35-2	Toxaphene	300.	U	300.	U	370.	U	370.	U	400.	U	400.	U
12674-11-2	Aroclor-1016	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
11104-28-2	Aroclor-1221	120.	U	120.	U	150.	U	150.	U	160.	U	160.	U
11141-16-5	Aroclor-1232	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
53469-21-9	Aroclor-1242	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
12672-29-6	Aroclor-1248	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
11097-69-1	Aroclor-1254	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
11096-82-5	Aroclor-1260	59.	U	59.	U	72.	U	72.	U	78.	U	78.	U
7421-93-4	Endrin aldehyde	5.9	U	5.9	U	7.2	U	7.2	U	7.8	U	7.2	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

PEST									
	SAMPLE ID ------->	006-S-B332-93		006-S-B332-93 RE					
	ORIGINAL ID ----->	S0683302		S0683302(RE)					
	LAB SAMPLE ID --->	S346088*18		46088-118					
	ID FROM REPORT -->	S0683302		S0683302(RE)					
	SAMPLE DATE ----->	10/27/93		10/27/93					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	ug/kg		ug/kg					
CAS #	Parameter	CNS18	VAL	CNS18	VAL				
319-84-6	alpha-BHC	3.2	U	3.2	U				
319-85-7	beta-BHC	3.2	U	3.2	U				
319-86-8	delta-BHC	3.8	J	3.2	U				
58-89-9	gamma-BHC (Lindane)	3.2	U	3.2	U				
76-44-8	Heptachlor	3.2	U	3.2	U				
309-00-2	Aldrin	3.2	U	3.2	U				
1024-57-3	Heptachlor epoxide	3.2	U	3.2	U				
959-98-8	Endosulfan I	3.2	U	3.2	U				
60-57-1	Dieldrin	6.2	U	6.2	U				
72-55-9	4,4'-DDE	48.	J	54.					
72-20-8	Endrin	6.2	U	6.2	U				
33213-65-9	Endosulfan II	6.2	U	6.2	U				
72-54-8	4,4'-DDD	200.	J	240.	D				
1031-07-8	Endosulfan sulfate	6.2	U	6.2	U				
50-29-3	4,4'-DDT	170.	J	100.					
53494-70-5	Endrin ketone	6.2	U	6.2	U				
72-43-5	Methoxychlor	32.	U	32.	U				
5103-71-9	alpha-Chlordane	4.2	J	5.					
5103-74-2	gamma-Chlordane	8.1	J	10.					
8001-35-2	Toxaphene	320.	U	320.	U				
12674-11-2	Aroclor-1016	62.	U	62.	U				
11104-28-2	Aroclor-1221	130.	U	130.	U				
11141-16-5	Aroclor-1232	62.	U	62.	U				
53469-21-9	Aroclor-1242	62.	U	62.	U				
12672-29-6	Aroclor-1248	62.	U	62.	U				
11097-69-1	Aroclor-1254	62.	U	62.	U				
11096-82-5	Aroclor-1260	62.	U	62.	U				
7421-93-4	Endrin aldehyde	6.2	U	6.2	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B011-93		006-S-B021-93		006-S-B022-93		006-S-B031-93		006-S-B041-93		006-S-B042-93	
	ORIGINAL ID ----->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	LAB SAMPLE ID --->	S345287*1		S345287*2		S345287*5		S345287*3		S345287*4		S346028*17	
	ID FROM REPORT -->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	SAMPLE DATE ----->	09/21/93		09/21/93		09/21/93		09/21/93		09/21/93		10/26/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93		09/24/93		10/29/93	
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		09/27/93		11/02/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL
108-95-2	Phenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
95-57-8	2-Chlorophenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
106-46-7	1,4-Dichlorobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
95-50-1	1,2-Dichlorobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
67-72-1	Hexachloroethane	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
98-95-3	Nitrobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
78-59-1	Isophorone	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
88-75-5	2-Nitrophenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
105-67-9	2,4-Dimethylphenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
120-83-2	2,4-Dichlorophenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
91-20-3	Naphthalene	36.	J	66.	J	650.	U	410.	U	370.	U	590.	U
106-47-8	4-Chloroaniline	770.	U	810.	U	1300.	U	820.	U	730.	U	1200.	U
87-68-3	Hexachlorobutadiene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
91-57-6	2-Methylnaphthalene	380.	U	35.	J	650.	U	410.	U	370.	U	590.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
91-58-7	2-Chloronaphthalene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
88-74-4	2-Nitroaniline	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
131-11-3	Dimethyl phthalate	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
208-96-8	Acenaphthylene	35.	J	410.	U	650.	U	410.	U	370.	U	590.	U
606-20-2	2,6-Dinitrotoluene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
99-09-2	3-Nitroaniline	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
83-32-9	Acenaphthene	42.	J	170.	J	650.	U	410.	U	37.	J	590.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
100-02-7	4-Nitrophenol	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
132-64-9	Dibenzofuran	35.	J	99.	J	650.	U	410.	U	33.	J	590.	U
121-14-2	2,4-Dinitrotoluene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
84-66-2	Diethylphthalate	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B011-93		006-S-B021-93		006-S-B022-93		006-S-B031-93		006-S-B041-93		006-S-B042-93	
	ORIGINAL ID ----->	S0680101		S0680201		S0680202		S0680301		S0680401		S0680402	
	LAB SAMPLE ID --->	S345287*1		S345287*2		S345287*5		S345287*3		S345287*4		S346028*17	
	ID FROM REPORT -->	S0680101		S0680201		S0680202		S0680301		S0680401		S0680402	
	SAMPLE DATE ----->	09/21/93		09/21/93		09/21/93		09/21/93		09/21/93		10/26/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93		09/24/93		10/29/93	
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		09/27/93		11/02/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL
86-73-7	Fluorene	54.	J	200.	J	650.	U	410.	U	370.	U	590.	U
100-01-6	4-Nitroaniline	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
118-74-1	Hexachlorobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
87-86-5	Pentachlorophenol	2000.	U	2100.	U	3300.	U	2100.	U	1900.	U	3000.	U
85-01-8	Phenanthrene	550.		2200.		77.	J	47.	J	470.		79.	J
111-44-4	bis(2-Chloroethyl)ether	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
120-12-7	Anthracene	150.	J	350.		650.	U	410.	U	100.	J	29.	J
86-74-8	Carbazole	110.	J	550.		650.	U	410.	U	85.	J	590.	U
84-74-2	Di-n-butylphthalate	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
206-44-0	Fluoranthene	550.		2600.		220.	J	170.	J	670.		280.	J
129-00-0	Pyrene	1100.		2900.		550.	J	230.	J	930.		440.	J
85-68-7	Butylbenzylphthalate	380.	U	410.	U	650.	U	410.	U	370.	U	490.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U	810.	U	1300.	U	820.	U	730.	U	1200.	U
56-55-3	Benzo(a)anthracene	400.		1100.		140.	J	410.	U	290.	J	150.	J
218-01-9	Chrysene	430.		1200.		250.	J	140.	J	450.		180.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	410.	U	650.	U	410.	U	85.	J	590.	U
117-84-0	Di-n-octyl phthalate	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
205-99-2	Benzo(b)fluoranthene	660.		1700.		240.	J	230.	J	600.		250.	J
207-08-9	Benzo(k)fluoranthene	250.	J	610.		650.	U	67.	J	210.	J	590.	U
50-32-8	Benzo(a)pyrene	540.		1200.		280.	J	110.	J	330.	J	200.	J
193-39-5	Indeno(1,2,3-cd)pyrene	430.		1100.		650.	U	120.	J	330.	J	130.	J
53-70-3	Dibenz(a,h)anthracene	380.	U	210.	J	650.	U	410.	U	370.	U	590.	U
191-24-2	Benzo(g,h,i)perylene	440.		1100.		180.	J	110.	J	340.	J	130.	J
106-44-5	4-Methylphenol (p-Cresol)	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U
541-73-1	1,3-Dichlorobenzene	380.	U	410.	U	650.	U	410.	U	370.	U	590.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B051-93		006-S-B061-93		006-S-B061-93		006-S-B071-93		006-S-B072-93		006-S-B092-93	
	ORIGINAL ID ----->	S0680501		S0680601		S0680610		S0680701		S0680702		S0680902	
	LAB SAMPLE ID --->	S345315*1		S345315*2		S345315*4		S345315*3		S346088*1		S346088*2	
	ID FROM REPORT -->	S0680501		S0680601		S0680610		S0680701		S0680702		S0680902	
	SAMPLE DATE ----->	09/22/93		09/22/93		09/22/93		09/22/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93					
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		11/11/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL	CNS17	VAL
108-95-2	Phenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
95-57-8	2-Chlorophenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
106-46-7	1,4-Dichlorobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
95-50-1	1,2-Dichlorobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
95-48-7	2-Methylphenol (o-Cresol)	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
67-72-1	Hexachloroethane	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
98-95-3	Nitrobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
78-59-1	Isophorone	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
88-75-5	2-Nitrophenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
105-67-9	2,4-Dimethylphenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
111-91-1	bis(2-Chloroethoxy)methane	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
120-83-2	2,4-Dichlorophenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
91-20-3	Naphthalene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
106-47-8	4-Chloroaniline	760.	U	770.	U	760.	U	780.	U	1400.	U	1400.	U
87-68-3	Hexachlorobutadiene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
59-50-7	4-Chloro-3-methylphenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
91-57-6	2-Methylnaphthalene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
77-47-4	Hexachlorocyclopentadiene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
88-06-2	2,4,6-Trichlorophenol	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
91-58-7	2-Chloronaphthalene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
88-74-4	2-Nitroaniline	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
131-11-3	Dimethyl phthalate	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
208-96-8	Acenaphthylene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
606-20-2	2,6-Dinitrotoluene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
99-09-2	3-Nitroaniline	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
83-32-9	Acenaphthene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
100-02-7	4-Nitrophenol	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
132-64-9	Dibenzofuran	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
121-14-2	2,4-Dinitrotoluene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
84-66-2	Diethylphthalate	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
7005-72-3	4-Chlorophenylphenylether	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B051-93		006-S-B061-93		006-S-B061-93		006-S-B071-93		006-S-B072-93		006-S-B092-93	
	ORIGINAL ID ----->	S0680501		S0680601		S0680610		S0680701		S0680702		S0680902	
	LAB SAMPLE ID --->	S345315*1		S345315*2		S345315*4		S345315*3		S346088*1		S346088*2	
	ID FROM REPORT -->	S0680501		S0680601		S0680610		S0680701		S0680702		S0680902	
	SAMPLE DATE ----->	09/22/93		09/22/93		09/22/93		09/22/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	09/24/93		09/24/93		09/24/93		09/24/93					
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		11/11/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL	CNS17	VAL
86-73-7	Fluorene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
100-01-6	4-Nitroaniline	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
101-55-3	4-Bromophenyl-phenylether	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
118-74-1	Hexachlorobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
87-86-5	Pentachlorophenol	2000.	U	2000.	U	2000.	U	2000.	U	3600.	U	3700.	U
85-01-8	Phenanthrene	180.	J	220.	J	230.	J	78.	J	690.	U	720.	U
111-44-4	bis(2-Chloroethyl)ether	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
120-12-7	Anthracene	380.	U	380.	U	40.	J	390.	U	41.	J	720.	U
86-74-8	Carbazole	52.	J	69.	J	58.	J	390.	U	690.	U	720.	U
84-74-2	Di-n-butylphthalate	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
206-44-0	Fluoranthene	250.	J	310.	J	400.		230.	J	140.	J	720.	U
129-00-0	Pyrene	270.	J	350.	J	380.		310.	J	520.	J	130.	J
85-68-7	Butylbenzylphthalate	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
91-94-1	3,3'-Dichlorobenzidine	760.	U	770.	U	760.	U	780.	U	1400.	U	1400.	U
56-55-3	Benzo(a)anthracene	120.	J	150.	J	170.	J	120.	J	690.	U	720.	U
218-01-9	Chrysene	120.	J	160.	J	190.	J	260.	J	690.	U	720.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	380.	U	380.	U	51.	J	690.	U	720.	U
117-84-0	Di-n-octyl phthalate	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
205-99-2	Benzo(b)fluoranthene	200.	J	240.	J	250.	J	440.		690.	U	720.	U
207-08-9	Benzo(k)fluoranthene	60.	J	73.	J	100.	J	190.	J	220.	J	720.	U
50-32-8	Benzo(a)pyrene	130.	J	160.	J	160.	J	270.	J	200.	J	720.	U
193-39-5	Indeno(1,2,3-cd)pyrene	130.	J	140.	J	120.	J	220.	J	150.	J	720.	U
53-70-3	Dibenz(a,h)anthracene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
191-24-2	Benzo(g,h,i)perylene	140.	J	130.	J	110.	J	390.	U	380.	J	720.	U
106-44-5	4-Methylphenol (p-Cresol)	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U
541-73-1	1,3-Dichlorobenzene	380.	U	380.	U	380.	U	390.	U	690.	U	720.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B122-93		006-S-B141-93		006-S-B141-93 RE		006-S-B142-93		006-S-B151-93		006-S-B152-93	
	ORIGINAL ID ----->	S06B1202		S06B1401		S06B1401RE		S06B1402		S06B1501		S06B1502	
	LAB SAMPLE ID --->	S346028*18		S346088*3		S346088*91		S346088*4		S346088*5		S346088*6	
	ID FROM REPORT -->	S06B1202		S06B1401		S06B1401RE		S06B1402		S06B1501		S06B1502	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93											
	DATE ANALYZED --->	11/02/93		11/03/93						11/06/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
108-95-2	Phenol	720.	U	430.	U*	430.	U	700.	U	380.	U	520.	U
95-57-8	2-Chlorophenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
106-46-7	1,4-Dichlorobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
95-50-1	1,2-Dichlorobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
95-48-7	2-Methylphenol (o-Cresol)	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
67-72-1	Hexachloroethane	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
98-95-3	Nitrobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
78-59-1	Isophorone	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
88-75-5	2-Nitrophenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
105-67-9	2,4-Dimethylphenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
111-91-1	bis(2-Chloroethoxy)methane	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
120-83-2	2,4-Dichlorophenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
120-82-1	1,2,4-Trichlorobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
91-20-3	Naphthalene	720.	U	430.	U	430.	U	700.	U	470.		420.	J
106-47-8	4-Chloroaniline	1400.	U	870.	U	870.	U	1400.	U	760.	U	1000.	U
87-68-3	Hexachlorobutadiene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
59-50-7	4-Chloro-3-methylphenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
91-57-6	2-Methylnaphthalene	720.	U	430.	U	430.	U	700.	U	280.	J	350.	J
77-47-4	Hexachlorocyclopentadiene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
88-06-2	2,4,6-Trichlorophenol	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
95-95-4	2,4,5-Trichlorophenol	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
91-58-7	2-Chloronaphthalene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
88-74-4	2-Nitroaniline	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
131-11-3	Dimethyl phthalate	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
208-96-8	Acenaphthylene	720.	U	430.	U	430.	U	700.	U	54.	J	83.	J
606-20-2	2,6-Dinitrotoluene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
99-09-2	3-Nitroaniline	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
83-32-9	Acenaphthene	720.	U	430.	U	430.	U	700.	U	590.		610.	
51-28-5	2,4-Dinitrophenol	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
100-02-7	4-Nitrophenol	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
132-64-9	Dibenzofuran	720.	U	430.	U	430.	U	700.	U	400.		640.	
121-14-2	2,4-Dinitrotoluene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
84-66-2	Diethylphthalate	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
7005-72-3	4-Chlorophenylphenylether	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B122-93		006-S-B141-93		006-S-B141-93 RE		006-S-B142-93		006-S-B151-93		006-S-B152-93	
	ORIGINAL ID ----->	S06B1202		S06B1401		S06B1401RE		S06B1402		S06B1501		S06B1502	
	LAB SAMPLE ID --->	S346028*18		S346088*3		S346088*91		S346088*4		S346088*5		S346088*6	
	ID FROM REPORT -->	S06B1202		S06B1401		S06B1401RE		S06B1402		S06B1501		S06B1502	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93											
	DATE ANALYZED --->	11/02/93		11/03/93						11/06/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
86-73-7	Fluorene	720.	U	53.	J	430.	U	700.	U	1100.		1500.	
100-01-6	4-Nitroaniline	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
86-30-6	N-Nitrosodiphenylamine	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
101-55-3	4-Bromophenyl-phenylether	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
118-74-1	Hexachlorobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
87-86-5	Pentachlorophenol	3700.	U	2200.	U	2200.	U	3600.	U	2000.	U	2700.	U
85-01-8	Phenanthrene	720.	U	290.	J	390.	J	220.	J	5000.		6600.	
111-44-4	bis(2-Chloroethyl)ether	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
120-12-7	Anthracene	720.	U	63.	J	96.	J	700.	U	1100.		1700.	
86-74-8	Carbazole	720.	U	61.	J	430.	U	700.	U	430.		720.	
84-74-2	Di-n-butylphthalate	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
206-44-0	Fluoranthene	58.	J	390.	J	470.		470.	J	5300.		6000.	
129-00-0	Pyrene	140.	J	530.		920.		530.	J	4700.		5200.	
85-68-7	Butylbenzylphthalate	720.	U	430.	U	2200.	U	700.	U	380.	U	520.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	870.	U	870.	U	1400.	U	760.	U	1000.	U
56-55-3	Benzo(a)anthracene	720.	U	430.	U	180.	J	350.	J	1800.		2700.	
218-01-9	Chrysene	720.	U	200.	J	250.	J	330.	J	1700.		2400.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
117-84-0	Di-n-octyl phthalate	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
205-99-2	Benzo(b)fluoranthene	64.	J	260.	J	290.	J	450.	J	1700.		2800.	
207-08-9	Benzo(k)fluoranthene	720.	U	100.	J	102.	J	120.	J	590.		1100.	
50-32-8	Benzo(a)pyrene	720.	U	180.	J	200.	J	300.	J	1200.		2200.	
193-39-5	Indeno(1,2,3-cd)pyrene	720.	U	430.	U	430.	U	700.	U	760.		1300.	
53-70-3	Dibenz(a,h)anthracene	720.	U	430.	U	430.	U	700.	U	240.	J	380.	J
191-24-2	Benzo(g,h,i)perylene	720.	U	430.	U	430.	U	700.	U	740.		1200.	
106-44-5	4-Methylphenol (p-Cresol)	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U
541-73-1	1,3-Dichlorobenzene	720.	U	430.	U	430.	U	700.	U	380.	U	520.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B172-93		006-S-B201-93		006-S-B202-93		006-S-B212-93		006-S-B251-93		006-C-B251-93 D	
	ORIGINAL ID ----->	S06B1702		S06B2001		S06B2002		S06B2102		S06B2501		S06B251D	
	LAB SAMPLE ID --->	S346088*7		S346088*8		S346088*9		S346028*19		S346088*10		S346088A*3	
	ID FROM REPORT -->	S06B1702		S06B2001		S06B2002		S06B2102		S06B2501		S06B251D	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/26/93		10/27/93		10/27/93	
	DATE EXTRACTED -->							10/29/93				11/02/93	
	DATE ANALYZED --->	11/11/93				11/11/93		11/02/93				11/08/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS18	VAL	CNS17	VAL	CNS18	VAL	CNS14	VAL
108-95-2	Phenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
95-57-8	2-Chlorophenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
106-46-7	1,4-Dichlorobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
95-50-1	1,2-Dichlorobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
67-72-1	Hexachloroethane	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
98-95-3	Nitrobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
78-59-1	Isophorone	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
88-75-5	2-Nitrophenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
105-67-9	2,4-Dimethylphenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
120-83-2	2,4-Dichlorophenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
91-20-3	Naphthalene	690.	U	150.	J	660.	U	610.	U	370.	U	380.	U
106-47-8	4-Chloroaniline	1400.	U	780.	U	1300.	U	1200.	U	740.	U	760.	U
87-68-3	Hexachlorobutadiene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
91-57-6	2-Methylnaphthalene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
91-58-7	2-Chloronaphthalene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
88-74-4	2-Nitroaniline	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
131-11-3	Dimethyl phthalate	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
208-96-8	Acenaphthylene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
606-20-2	2,6-Dinitrotoluene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
99-09-2	3-Nitroaniline	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
83-32-9	Acenaphthene	690.	U	160.	J	660.	U	610.	U	370.	U	380.	U
51-28-5	2,4-Dinitrophenol	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
100-02-7	4-Nitrophenol	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
132-64-9	Dibenzofuran	690.	U	75.	J	660.	U	610.	U	370.	U	380.	U
121-14-2	2,4-Dinitrotoluene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
84-66-2	Diethylphthalate	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B172-93		006-S-B201-93		006-S-B202-93		006-S-B212-93		006-S-B251-93		006-C-B251-93 D	
	ORIGINAL ID ----->	S0681702		S0682001		S0682002		S0682102		S0682501		S068251D	
	LAB SAMPLE ID --->	S346088*7		S346088*8		S346088*9		S346028*19		S346088*10		S346088A*3	
	ID FROM REPORT -->	S0681702		S0682001		S0682002		S0682102		S0682501		S068251D	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/26/93		10/27/93		10/27/93	
	DATE EXTRACTED -->							10/29/93				11/02/93	
	DATE ANALYZED --->	11/11/93				11/11/93		11/02/93				11/08/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS18	VAL	CNS17	VAL	CNS18	VAL	CNS14	VAL
86-73-7	Fluorene	690.	U	140.	J	660.	U	610.	U	370.	U	380.	U
100-01-6	4-Nitroaniline	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
118-74-1	Hexachlorobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
87-86-5	Pentachlorophenol	3500.	U	2000.	U	3400.	U	3100.	U	1900.	U	2000.	U
85-01-8	Phenanthrene	690.	U	810.		660.	U	610.	U	370.	U	380.	U
111-44-4	bis(2-Chloroethyl)ether	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
120-12-7	Anthracene	690.	U	200.	J	660.	U	610.	U	370.	U	380.	U
86-74-8	Carbazole	690.	U	170.	J	660.	U	610.	U	370.	U	380.	U
84-74-2	Di-n-butylphthalate	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
206-44-0	Fluoranthene	240.	J	890.		140.	J	120.	J	150.	J	220.	J
129-00-0	Pyrene	1400.		640.		160.	J	260.	J	120.	J	120.	J
85-68-7	Butylbenzylphthalate	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	780.	U	1300.	U	1200.	U	740.	U	760.	U
56-55-3	Benzo(a)anthracene	210.	J	260.	J	660.	U	120.	J	66.	J	380.	U
218-01-9	Chrysene	510.	J	270.	J	74.	J	94.	J	370.	U	380.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
117-84-0	Di-n-octyl phthalate	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
205-99-2	Benzo(b)fluoranthene	330.	J	360.	J	660.	U	140.	J	120.	J	69.	J
207-08-9	Benzo(k)fluoranthene	690.	U	140.	J	660.	U	610.	U	370.	U	380.	U
50-32-8	Benzo(a)pyrene	330.	J	260.	J	660.	U	150.	J	58.	J	380.	U
193-39-5	Indeno(1,2,3-cd)pyrene	230.	J	160.	J	660.	U	610.	U	40.	J	380.	U
53-70-3	Dibenz(a,h)anthracene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
191-24-2	Benzo(g,h,i)perylene	510.	J	140.	J	660.	U	610.	U	370.	U	380.	U
106-44-5	4-Methylphenol (p-Cresol)	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U
541-73-1	1,3-Dichlorobenzene	690.	U	390.	U	660.	U	610.	U	370.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA															
	SAMPLE ID ------->	006-S-B252-93		006-S-B261-93		006-S-B262-93		006-S-B272-93		006-C-B272-93 D		006-S-B292-93	
	ORIGINAL ID ----->	S0682502		S0682601		S0682602		S0682702		S0682720		S0682902	
	LAB SAMPLE ID --->	S346088*11		S346088*12		S346088*13		S346088*14		S346088A*4		S346088*15	
	ID FROM REPORT -->	S0682502		S0682601		S0682602		S0682702		S0682720		S0682902	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->									11/02/93			
	DATE ANALYZED --->	11/11/93				11/11/93				11/08/93		11/12/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL
108-95-2	Phenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
95-57-8	2-Chlorophenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
106-46-7	1,4-Dichlorobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
95-50-1	1,2-Dichlorobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
95-48-7	2-Methylphenol (o-Cresol)	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
67-72-1	Hexachloroethane	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
98-95-3	Nitrobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
78-59-1	Isophorone	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
88-75-5	2-Nitrophenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
105-67-9	2,4-Dimethylphenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
111-91-1	bis(2-Chloroethoxy)methane	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
120-83-2	2,4-Dichlorophenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
120-82-1	1,2,4-Trichlorobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
91-20-3	Naphthalene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
106-47-8	4-Chloroaniline	1400.	U	760.	U	1200.	U	1600.	U	1500.	U	1200.	U
87-68-3	Hexachlorobutadiene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
59-50-7	4-Chloro-3-methylphenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
91-57-6	2-Methylnaphthalene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
77-47-4	Hexachlorocyclopentadiene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
88-06-2	2,4,6-Trichlorophenol	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
95-95-4	2,4,5-Trichlorophenol	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
91-58-7	2-Chloronaphthalene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
88-74-4	2-Nitroaniline	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
131-11-3	Dimethyl phthalate	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
208-96-8	Acenaphthylene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
606-20-2	2,6-Dinitrotoluene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
99-09-2	3-Nitroaniline	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
83-32-9	Acenaphthene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
51-28-5	2,4-Dinitrophenol	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
100-02-7	4-Nitrophenol	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
132-64-9	Dibenzofuran	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
121-14-2	2,4-Dinitrotoluene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
84-66-2	Diethylphthalate	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
7005-72-3	4-Chlorophenylphenylether	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	006-S-B252-93		006-S-B261-93		006-S-B262-93		006-S-B272-93		006-C-B272-93 D		006-S-B292-93	
	ORIGINAL ID ----->	S0682502		S0682601		S0682602		S0682702		S0682720		S0682902	
	LAB SAMPLE ID --->	S346088*11		S346088*12		S346088*13		S346088*14		S346088A*4		S346088*15	
	ID FROM REPORT -->	S0682502		S0682601		S0682602		S0682702		S0682720		S0682902	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->									11/02/93			
	DATE ANALYZED --->	11/11/93				11/11/93				11/08/93		11/12/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL
86-73-7	Fluorene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
100-01-6	4-Nitroaniline	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
86-30-6	N-Nitrosodiphenylamine	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
101-55-3	4-Bromophenyl-phenylether	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
118-74-1	Hexachlorobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
87-86-5	Pentachlorophenol	3500.	U	2000.	U	3100.	U	4100.	U	3800.	U	3000.	U
85-01-8	Phenanthrene	680.	U	44.	J	590.	U	330.	J	660.	J	590.	U
111-44-4	bis(2-Chloroethyl)ether	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
120-12-7	Anthracene	680.	U	380.	U	590.	U	110.	J	200.	J	590.	U
86-74-8	Carbazole	680.	U	380.	U	590.	U	800.	U	93.	J	590.	U
84-74-2	Di-n-butylphthalate	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
206-44-0	Fluoranthene	180.	J	54.	J	91.	J	980.		1200.		110.	J
129-00-0	Pyrene	300.	J	55.	J	120.	J	940.		1700.		590.	U
85-68-7	Butylbenzylphthalate	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
91-94-1	3,3'-Dichlorobenzidine	1400.	U	760.	U	1200.	U	1600.	U	730.	U	1200.	U
56-55-3	Benzo(a)anthracene	680.	U	380.	U	590.	U	640.	J	820.		590.	U
218-01-9	Chrysene	680.	U	380.	U	590.	U	790.	J	850.		68.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	680.	U	380.	U	590.	U	180.	J	730.	U	590.	U
117-84-0	Di-n-octyl phthalate	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
205-99-2	Benzo(b)fluoranthene	210.	J	380.	U	110.	J	1100.		910.		590.	U
207-08-9	Benzo(k)fluoranthene	680.	U	380.	U	590.	U	470.	J	370.	J	590.	U
50-32-8	Benzo(a)pyrene	140.	J	380.	U	590.	U	790.	J	720.	J	87.	J
193-39-5	Indeno(1,2,3-cd)pyrene	680.	U	380.	U	590.	U	520.	J	430.	J	590.	U
53-70-3	Dibenz(a,h)anthracene	680.	U	380.	U	590.	U	800.	U	140.	J	590.	U
191-24-2	Benzo(g,h,i)perylene	680.	U	380.	U	590.	U	490.	J	390.	J	590.	U
106-44-5	4-Methylphenol (p-Cresol)	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U
541-73-1	1,3-Dichlorobenzene	680.	U	380.	U	590.	U	800.	U	730.	U	590.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA											
	SAMPLE ID ------->	006-S-B312-93		006-S-B322-93		006-S-B332-93					
	ORIGINAL ID ----->	S06B3102		S06B3202		S06B3302					
	LAB SAMPLE ID --->	S346088*16		S346088*17		S346088*18					
	ID FROM REPORT -->	S06B3102		S06B3202		S06B3302					
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	ug/kg		ug/kg		ug/kg					
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL				
108-95-2	Phenol	710.	U	780.	U	610.	U				
95-57-8	2-Chlorophenol	710.	U	780.	U	610.	U				
106-46-7	1,4-Dichlorobenzene	710.	U	780.	U	610.	U				
95-50-1	1,2-Dichlorobenzene	710.	U	780.	U	610.	U				
95-48-7	2-Methylphenol (o-Cresol)	710.	U	780.	U	610.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR					
621-64-7	N-Nitroso-di-n-propylamine	710.	U	780.	U	610.	U				
67-72-1	Hexachloroethane	710.	U	780.	U	610.	U				
98-95-3	Nitrobenzene	710.	U	780.	U	610.	U				
78-59-1	Isophorone	710.	U	780.	U	610.	U				
88-75-5	2-Nitrophenol	710.	U	780.	U	610.	U				
105-67-9	2,4-Dimethylphenol	710.	U	780.	U	610.	U				
111-91-1	bis(2-Chloroethoxy)methane	710.	U	780.	U	610.	U				
120-83-2	2,4-Dichlorophenol	710.	U	780.	U	610.	U				
120-82-1	1,2,4-Trichlorobenzene	710.	U	780.	U	610.	U				
91-20-3	Naphthalene	430.	J	780.	U	610.	U				
106-47-8	4-Chloroaniline	1400.	U	1600.	U	1200.	U				
87-68-3	Hexachlorobutadiene	710.	U	780.	U	610.	U				
59-50-7	4-Chloro-3-methylphenol	710.	U	780.	U	610.	U				
91-57-6	2-Methylnaphthalene	260.	J	780.	U	610.	U				
77-47-4	Hexachlorocyclopentadiene	710.	U	780.	U	610.	U				
88-06-2	2,4,6-Trichlorophenol	710.	U	780.	U	610.	U				
95-95-4	2,4,5-Trichlorophenol	3600.	U	4000.	U	3200.	U				
91-58-7	2-Chloronaphthalene	710.	U	780.	U	610.	U				
88-74-4	2-Nitroaniline	3600.	U	4000.	U	3200.	U				
131-11-3	Dimethyl phthalate	710.	U	780.	U	610.	U				
208-96-8	Acenaphthylene	140.	J	780.	U	610.	U				
606-20-2	2,6-Dinitrotoluene	710.	U	780.	U	610.	U				
99-09-2	3-Nitroaniline	3600.	U	4000.	U	3200.	U				
83-32-9	Acenaphthene	710.	U	780.	U	610.	U				
51-28-5	2,4-Dinitrophenol	3600.	U	4000.	U	3200.	U				
100-02-7	4-Nitrophenol	3600.	U	4000.	U	3200.	U				
132-64-9	Dibenzofuran	130.	J	780.	U	610.	U				
121-14-2	2,4-Dinitrotoluene	710.	U	780.	U	610.	U				
84-66-2	Diethylphthalate	710.	U	780.	U	610.	U				
7005-72-3	4-Chlorophenylphenylether	710.	U	780.	U	610.	U				
86-73-7	Fluorene	120.	J	780.	U	610.	U				
100-01-6	4-Nitroaniline	3600.	U	4000.	U	3200.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

SVOA										
	SAMPLE ID ------->	006-S-B312-93		006-S-B322-93		006-S-B332-93				
	ORIGINAL ID ----->	S0683102		S0683202		S0683302				
	LAB SAMPLE ID --->	S346088*16		S346088*17		S346088*18				
	ID FROM REPORT -->	S0683102		S0683202		S0683302				
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	ug/kg		ug/kg		ug/kg				
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL			
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	4000.	U	3200.	U			
86-30-6	N-Nitrosodiphenylamine	710.	U	780.	U	610.	U			
101-55-3	4-Bromophenyl-phenylether	710.	U	780.	U	610.	U			
118-74-1	Hexachlorobenzene	710.	U	780.	U	610.	U			
87-86-5	Pentachlorophenol	3600.	U	4000.	U	3200.	U			
85-01-8	Phenanthrene	310.	J	780.	U	320.	J			
111-44-4	bis(2-Chloroethyl)ether	710.	U	780.	U	610.	U			
120-12-7	Anthracene	45.	J	780.	U	68.	J			
86-74-8	Carbazole	710.	U	780.	U	610.	U			
84-74-2	Di-n-butylphthalate	710.	U	780.	U	610.	U			
206-44-0	Fluoranthene	320.	J	130.	J	610.	U			
129-00-0	Pyrene	710.	U	780.	U	610.	U			
85-68-7	Butylbenzylphthalate	710.	U	780.	U	610.	U			
91-94-1	3,3'-Dichlorobenzidine	1400.	U	1600.	U	1200.	U			
56-55-3	Benzo(a)anthracene	710.	U	780.	U	610.	U			
218-01-9	Chrysene	91.	J	780.	U	280.	J			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	710.	U	780.	U	610.	U			
117-84-0	Di-n-octyl phthalate	710.	U	780.	U	610.	U			
205-99-2	Benzo(b)fluoranthene	710.	U	780.	U	390.	J			
207-08-9	Benzo(k)fluoranthene	710.	U	780.	U	150.	J			
50-32-8	Benzo(a)pyrene	710.	U	780.	U	260.	J			
193-39-5	Indeno(1,2,3-cd)pyrene	710.	U	780.	U	610.	U			
53-70-3	Dibenz(a,h)anthracene	710.	U	780.	U	610.	U			
191-24-2	Benzo(g,h,i)perylene	710.	U	780.	U	120.	J			
106-44-5	4-Methylphenol (p-Cresol)	710.	U	780.	U	610.	U			
39638-32-9	Bis(2-Chloroisopropyl)Ether	710.	U	780.	U	610.	U			
541-73-1	1,3-Dichlorobenzene	710.	U	780.	U	610.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	006-S-B011-93		006-S-B021-93		006-S-B022-93		006-S-B031-93		006-S-B041-93		006-S-B042-93	
	ORIGINAL ID ----->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	LAB SAMPLE ID --->	S345287*1		S345287*2		S345287*5		S345287*3		S345287*4		S346028*17	
	ID FROM REPORT -->	S06B0101		S06B0201		S06B0202		S06B0301		S06B0401		S06B0402	
	SAMPLE DATE ----->	09/21/93		09/21/93		09/21/93		09/21/93		09/21/93		10/26/93	
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		09/27/93		11/04/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL
74-87-3	Chloromethane	12.	U	13.	U	20.	U	13.	U	11.	U	18.	U
74-83-9	Bromomethane	12.	U	13.	U	20.	U	13.	U	11.	U	18.	U
75-01-4	Vinyl chloride	12.	U	13.	U	20.	U	13.	U	11.	U	18.	U
75-00-3	Chloroethane	12.	U	13.	U	20.	U	13.	U	11.	U	18.	U
75-09-2	Methylene chloride	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
67-64-1	Acetone	58.	U	62.	U	98.	U	63.	U	56.	U	250.	
75-15-0	Carbon disulfide	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
75-35-4	1,1-Dichloroethene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
75-34-3	1,1-Dichloroethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
67-66-3	Chloroform	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
107-06-2	1,2-Dichloroethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
78-93-3	2-Butanone (MEK)	58.	U	62.	U	98.	U	63.	U	56.	U	91.	U
71-55-6	1,1,1-Trichloroethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
56-23-5	Carbon tetrachloride	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
75-27-4	Bromodichloromethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
78-87-5	1,2-Dichloropropane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
79-01-6	Trichloroethene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
124-48-1	Dibromochloromethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
79-00-5	1,1,2-Trichloroethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
71-43-2	Benzene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
75-25-2	Bromoform	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	58.	U	62.	U	98.	U	63.	U	56.	U	91.	U
591-78-6	2-Hexanone	58.	U	62.	U	98.	U	63.	U	56.	U	91.	U
127-18-4	Tetrachloroethene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
108-88-3	Toluene	7.2		6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
108-90-7	Chlorobenzene	23.		9.		9.8	U	11.		5.6	U	13.	
100-41-4	Ethylbenzene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
100-42-5	Styrene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
1330-20-7	Xylene (Total)	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
156-59-2	cis-1,2-Dichloroethene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
156-60-5	trans-1,2-Dichloroethene	5.8	U	6.2	U	9.8	U	6.3	U	5.6	U	9.1	U
108-05-4	Vinyl acetate	12.	U	13.	U	20.	U	13.	U	11.	U	18.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	006-S-B051-93		006-S-B061-93		006-S-B061-93		006-S-B071-93		006-S-B072-93		006-S-B092-93	
	ORIGINAL ID ----->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	LAB SAMPLE ID --->	S345315*1		S345315*2		S345315*4		S345315*3		S346088*1		S346088*2	
	ID FROM REPORT -->	S06B0501		S06B0601		S06B0610		S06B0701		S06B0702		S06B0902	
	SAMPLE DATE ----->	09/22/93		09/22/93		09/22/93		09/22/93		10/27/93		10/27/93	
	DATE ANALYZED --->	09/27/93		09/27/93		09/27/93		09/27/93		11/06/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS17	VAL	CNS17	VAL
74-87-3	Chloromethane	12.	U	12.	U	12.	U	12.	U	42.	U	22.	U
74-83-9	Bromomethane	12.	U	12.	U	12.	U	12.	U	42.	U	22.	U
75-01-4	Vinyl chloride	12.	U	12.	U	12.	U	12.	U	42.	U	22.	U
75-00-3	Chloroethane	12.	U	12.	U	12.	U	12.	U	42.	U	22.	U
75-09-2	Methylene chloride	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
67-64-1	Acetone	58.	U	58.	U	58.	U	60.	U	630.		310.	
75-15-0	Carbon disulfide	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
75-35-4	1,1-Dichloroethene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
75-34-3	1,1-Dichloroethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
67-66-3	Chloroform	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
107-06-2	1,2-Dichloroethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
78-93-3	2-Butanone (MEK)	58.	U	58.	U	58.	U	60.	U	210.	U	110.	U
71-55-6	1,1,1-Trichloroethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
56-23-5	Carbon tetrachloride	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
75-27-4	Bromodichloromethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
78-87-5	1,2-Dichloropropane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
79-01-6	Trichloroethene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
124-48-1	Dibromochloromethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
79-00-5	1,1,2-Trichloroethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
71-43-2	Benzene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
75-25-2	Bromoform	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	58.	U	58.	U	58.	U	60.	U	210.	U	110.	U
591-78-6	2-Hexanone	58.	U	58.	U	58.	U	60.	U	210.	U	110.	U
127-18-4	Tetrachloroethene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
108-88-3	Toluene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
108-90-7	Chlorobenzene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
100-41-4	Ethylbenzene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
100-42-5	Styrene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
1330-20-7	Xylene (Total)	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
156-59-2	cis-1,2-Dichloroethene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
156-60-5	trans-1,2-Dichloroethene	5.8	U	5.8	U	5.8	U	6.	U	21.	U	11.	U
108-05-4	Vinyl acetate	12.	U	12.	U	12.	U	12.	U	42.	U	22.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	006-S-B122-93		006-S-B141-93		006-S-B142-93		006-S-B151-93		006-S-B152-93		006-S-B172-93	
	ORIGINAL ID ----->	S0681202		S0681401		S0681402		S0681501		S0681502		S0681702	
	LAB SAMPLE ID --->	S346028*18		S346088*3		S346088*4		S346088*5		S346088*6		S346088*7	
	ID FROM REPORT -->	S0681202		S0681401		S0681402		S0681501		S0681502		S0681702	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	11/04/93		11/06/93								11/06/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL	CNS17	VAL
74-87-3	Chloromethane	22.	U	13.	U	21.	U	23.	U	16.	U	100.	U
74-83-9	Bromomethane	22.	U	13.	U	21.	U	23.	U	16.	U	100.	U
75-01-4	Vinyl chloride	22.	U	13.	U	21.	U	23.	U	16.	U	100.	U
75-00-3	Chloroethane	22.	U	13.	U	21.	U	23.	U	16.	U	100.	U
75-09-2	Methylene chloride	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
67-64-1	Acetone	400.		150.		110.	U	110.	U	140.		1200.	
75-15-0	Carbon disulfide	11.	U	6.6	U	42.		26.		7.9	U	60.	
75-35-4	1,1-Dichloroethene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
75-34-3	1,1-Dichloroethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
67-66-3	Chloroform	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
107-06-2	1,2-Dichloroethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
78-93-3	2-Butanone (MEK)	110.	U	66.	U	110.	U	110.	U	79.	U	520.	U
71-55-6	1,1,1-Trichloroethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
56-23-5	Carbon tetrachloride	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
75-27-4	Bromodichloromethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
78-87-5	1,2-Dichloropropane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
79-01-6	Trichloroethene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
124-48-1	Dibromochloromethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
79-00-5	1,1,2-Trichloroethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
71-43-2	Benzene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
75-25-2	Bromoform	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	110.	U	66.	U	110.	U	110.	U	79.	U	520.	U
591-78-6	2-Hexanone	110.	U	66.	U	110.	U	110.	U	79.	U	520.	U
127-18-4	Tetrachloroethene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
108-88-3	Toluene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
108-90-7	Chlorobenzene	34.		6.6	U	11.	U	11.	U	7.9	U	52.	U
100-41-4	Ethylbenzene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
100-42-5	Styrene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
1330-20-7	Xylene (Total)	17.		6.6	U	11.	U	11.	U	7.9	U	52.	U
156-59-2	cis-1,2-Dichloroethene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
156-60-5	trans-1,2-Dichloroethene	11.	U	6.6	U	11.	U	11.	U	7.9	U	52.	U
108-05-4	Vinyl acetate	22.	U	13.	U	21.	U	23.	U	16.	U	100.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	006-S-B201-93		006-S-B202-93		006-S-B212-93		006-S-B251-93		006-C-B251-93 D		006-S-B252-93	
	ORIGINAL ID ----->	S06B2001		S06B2002		S06B2102		S06B2501		S06B251D		S06B2502	
	LAB SAMPLE ID --->	S346088*8		S346088*9		S346028*19		S346088*10		S346088A*3		S346088*11	
	ID FROM REPORT -->	S06B2001		S06B2002		S06B2102		S06B2501		S06B251D		S06B2502	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/26/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->			11/07/93		11/04/93				11/09/93		11/06/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS17	VAL	CNS18	VAL	CNS17	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL
74-87-3	Chloromethane	24.	U	20.	U	18.	U	11.	U	59.	U	21.	U
74-83-9	Bromomethane	24.	U	20.	U	18.	U	11.	U	59.	U	21.	U
75-01-4	Vinyl chloride	24.	U	20.	U	18.	U	11.	U	59.	U	21.	U
75-00-3	Chloroethane	24.	U	20.	U	18.	U	11.	U	59.	U	21.	U
75-09-2	Methylene chloride	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
67-64-1	Acetone	120.		100.	U	270.		57.	U	110.	J	420.	
75-15-0	Carbon disulfide	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
75-35-4	1,1-Dichloroethene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
75-34-3	1,1-Dichloroethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
67-66-3	Chloroform	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
107-06-2	1,2-Dichloroethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
78-93-3	2-Butanone (MEK)	120.	U	100.	U	93.	U	57.	U	13.	J	100.	U
71-55-6	1,1,1-Trichloroethane	12.	U	10.	U	9.3	U	5.7	U	8.6	J	10.	U
56-23-5	Carbon tetrachloride	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
75-27-4	Bromodichloromethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
78-87-5	1,2-Dichloropropane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
79-01-6	Trichloroethene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
124-48-1	Dibromochloromethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
79-00-5	1,1,2-Trichloroethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
71-43-2	Benzene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
75-25-2	Bromoform	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	120.	U	100.	U	93.	U	57.	U	290.	U	100.	U
591-78-6	2-Hexanone	120.	U	100.	U	93.	U	57.	U	290.	U	100.	U
127-18-4	Tetrachloroethene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
108-88-3	Toluene	12.	U	10.	U	9.3	U	5.7	U	5.2	J	10.	U
108-90-7	Chlorobenzene	12.	U	10.	U	54.		5.7	U	29.	U	10.	U
100-41-4	Ethylbenzene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
100-42-5	Styrene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
1330-20-7	Xylene (Total)	12.	U	10.	U	9.3	U	5.7	U	7.6	J	10.	U
156-59-2	cis-1,2-Dichloroethene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
156-60-5	trans-1,2-Dichloroethene	12.	U	10.	U	9.3	U	5.7	U	29.	U	10.	U
108-05-4	Vinyl acetate	24.	U	20.	U	18.	U	11.	U	59.	U	21.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	006-S-B261-93		006-S-B262-93		006-S-B272-93		006-C-B272-93 D		006-S-B292-93		006-S-B312-93	
	ORIGINAL ID ----->	S0682601		S0682602		S0682702		S0682720		S0682902		S0683102	
	LAB SAMPLE ID --->	S346088*12		S346088*13		S346088*14		S346088A*4		S346088*15		S346088*16	
	ID FROM REPORT -->	S0682601		S0682602		S0682702		S0682720		S0682902		S0683102	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->							11/10/93				11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS14	VAL	CNS18	VAL	CNS18	VAL
74-87-3	Chloromethane	12.	U	36.	U	49.	U	22.	U	36.	U	110.	U
74-83-9	Bromomethane	12.	U	36.	U	49.	U	22.	UJ	36.	U	110.	U
75-01-4	Vinyl chloride	12.	U	36.	U	49.	U	22.	U	36.	U	110.	U
75-00-3	Chloroethane	12.	U	36.	U	49.	U	22.	U	36.	U	110.	U
75-09-2	Methylene chloride	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
67-64-1	Acetone	99.		310.		540.		110.	U	220.		680.	
75-15-0	Carbon disulfide	5.9	U	18.	U	24.	U	14.		18.	U	54.	U
75-35-4	1,1-Dichloroethene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
75-34-3	1,1-Dichloroethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
67-66-3	Chloroform	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
107-06-2	1,2-Dichloroethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
78-93-3	2-Butanone (MEK)	59.	U	180.	U	240.	U	93.	J	180.	U	540.	U
71-55-6	1,1,1-Trichloroethane	5.9	U	18.	U	24.	U	3.9	J	18.	U	54.	U
56-23-5	Carbon tetrachloride	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
75-27-4	Bromodichloromethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
78-87-5	1,2-Dichloropropane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
79-01-6	Trichloroethene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
124-48-1	Dibromochloromethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
79-00-5	1,1,2-Trichloroethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
71-43-2	Benzene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
75-25-2	Bromoform	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	180.	U	240.	U	110.	U	180.	U	540.	U
591-78-6	2-Hexanone	59.	U	180.	U	240.	U	110.	U	180.	U	540.	U
127-18-4	Tetrachloroethene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
108-88-3	Toluene	5.9	U	18.	U	24.	U	3.9	J	18.	U	54.	U
108-90-7	Chlorobenzene	5.9	U	70.		40.		11.	U	18.	U	54.	U
100-41-4	Ethylbenzene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
100-42-5	Styrene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
1330-20-7	Xylene (Total)	5.9	U	18.	U	24.	U	3.3	J	18.	U	54.	U
156-59-2	cis-1,2-Dichloroethene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
156-60-5	trans-1,2-Dichloroethene	5.9	U	18.	U	24.	U	11.	U	18.	U	54.	U
108-05-4	Vinyl acetate	12.	U	36.	U	49.	U	22.	U	36.	U	110.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 SOIL BORING SAMPLES

VOA									
	SAMPLE ID ------->	006-S-B322-93		006-S-B332-93					
	ORIGINAL ID ----->	S06B3202		S06B3302					
	LAB SAMPLE ID --->	S346088*17		S346088*18					
	ID FROM REPORT -->	S06B3202		S06B3302					
	SAMPLE DATE ----->	10/27/93		10/27/93					
	DATE ANALYZED --->			11/08/93					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	ug/kg		ug/kg					
CAS #	Parameter	CNS18	VAL	CNS18	VAL				
74-87-3	Chloromethane	48.	U	38.	U				
74-83-9	Bromomethane	48.	U	38.	U				
75-01-4	Vinyl chloride	48.	U	38.	U				
75-00-3	Chloroethane	48.	U	38.	U				
75-09-2	Methylene chloride	24.	U	19.	U				
67-64-1	Acetone	490.		190.	U				
75-15-0	Carbon disulfide	24.	U	19.	U				
75-35-4	1,1-Dichloroethene	24.	U	19.	U				
75-34-3	1,1-Dichloroethane	24.	U	19.	U				
67-66-3	Chloroform	24.	U	19.	U				
107-06-2	1,2-Dichloroethane	24.	U	19.	U				
78-93-3	2-Butanone (MEK)	240.	U	190.	U				
71-55-6	1,1,1-Trichloroethane	24.	U	19.	U				
56-23-5	Carbon tetrachloride	24.	U	19.	U				
75-27-4	Bromodichloromethane	24.	U	19.	U				
78-87-5	1,2-Dichloropropane	24.	U	19.	U				
10061-01-5	cis-1,3-Dichloropropene	24.	U	19.	U				
79-01-6	Trichloroethene	24.	U	19.	U				
124-48-1	Dibromochloromethane	24.	U	19.	U				
79-00-5	1,1,2-Trichloroethane	24.	U	19.	U				
71-43-2	Benzene	24.	U	19.	U				
10061-02-6	trans-1,3-Dichloropropene	24.	U	19.	U				
75-25-2	Bromoform	24.	U	19.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	240.	U	190.	U				
591-78-6	2-Hexanone	240.	U	190.	U				
127-18-4	Tetrachloroethene	24.	U	19.	U				
79-34-5	1,1,2,2-Tetrachloroethane	24.	U	19.	U				
108-88-3	Toluene	24.	U	19.	U				
108-90-7	Chlorobenzene	24.	U	19.	U				
100-41-4	Ethylbenzene	24.	U	19.	U				
100-42-5	Styrene	24.	U	19.	U				
1330-20-7	Xylene (Total)	24.	U	19.	U				
156-59-2	cis-1,2-Dichloroethene	24.	U	19.	U				
156-60-5	trans-1,2-Dichloroethene	24.	U	19.	U				
108-05-4	Vinyl acetate	48.	U	38.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	006-G-W011-93		006-G-W021-93		006-G-W031-93		006-G-W041-93		006-G-W051-93		006-G-W061-93	
	ORIGINAL ID ----->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	LAB SAMPLE ID --->	S346384*4		S346384*10		S346384*5		S346384*6		S346384*7		S346384*8	
	ID FROM REPORT -->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/10/93		11/10/93	
	DATE ANALYZED --->	11/30/93		11/30/93		11/30/93		11/30/93		11/30/93		11/30/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	10.	UJ	250.	UJ	10.	UJ	120.	UJ	50.	UJ	50.	UJ
CA	Calcium	130000.		170000.		280000.		240000.		150000.		140000.	
CR	Chromium	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
CO	Cobalt	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
CU	Copper	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
FE	Iron	1700.		14000.		19000.		34000.		13000.		7300.	
PB	Lead	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
MG	Magnesium	57000.		670000.		74000.		400000.		630000.		480000.	
MN	Manganese	920.		640.		1600.		510.		420.		130.	
HG	Mercury	0.2	R	0.2	R	0.2	R	0.2	R	0.2	R	0.2	R
NI	Nickel	40.	U	40.	U	40.	U	40.	U	40.	U	40.	U
K	Potassium	31000.		190000.		36000.		130000.		190000.		150000.	
SE	Selenium	10.	UJ	50.	UJ	10.	UJ	10.	UJ	50.	UJ	10.	UJ
AG	Silver (Ag)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
NA	Sodium	480000.		5700000.		690000.		3500000.		6000000.		650000.	
TL	Thallium	50.	R	250.	R	50.	R	100.	R	500.	R	200.	R
ZN	Zinc	20.	U	20.	U	21.		20.	U	20.	U	20.	U
V	Vanadium	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
AL	Aluminum	200.	U	200.	U	630.		200.	U	200.	U	200.	U
SB	Antimony	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
AS	Arsenic	10.	U	10.	U	10.	U	10.	U	10.	U	20.	U
BA	Barium	10.	U	48.		140.		150.		46.		33.	
BE	Beryllium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

METAL								
	SAMPLE ID ------->	006-H-W061-93 D		006-G-W071-93				
	ORIGINAL ID ----->	S06W061D		S06W0701				
	LAB SAMPLE ID --->	S346384A*1		S346384*9				
	ID FROM REPORT -->	SD6W061D		S06W0701				
	SAMPLE DATE ----->	11/10/93		11/10/93				
	DATE ANALYZED --->	11/29/93		11/30/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS23	VAL	CNS24	VAL			
CN	Cyanide	10.	UJ	NR				
CD	Cadmium	125.	UJ	5.	UJ			
CA	Calcium	160000.	J	72000.				
CR	Chromium	10.	U	10.	U			
CO	Cobalt	10.	U	10.	U			
CU	Copper	25.	U	25.	U			
FE	Iron	8100.	J	1700.				
PB	Lead	5.	UJ	5.	U			
MG	Magnesium	526000.		120000.				
MN	Manganese	143.	J	470.				
HG	Mercury	0.2	UJ	0.2	R			
NI	Nickel	40.	U	40.	U			
K	Potassium	155000.		57000.				
SE	Selenium	10.	UJ	20.	UJ			
AG	Silver (Ag)	10.	U	10.	U			
NA	Sodium	4120000.		1300000.				
TL	Thallium	200.	UR	100.	R			
ZN	Zinc	20.	U	20.	U			
V	Vanadium	10.	U	10.	U			
AL	Aluminum	200.	U	200.	U			
SB	Antimony	50.	U	50.	U			
AS	Arsenic	12.3		20.	U			
BA	Barium	35.7		11.				
BE	Beryllium	5.	U	5.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	006-G-W011-93		006-G-W021-93		006-G-W031-93		006-G-W041-93		006-G-W051-93		006-G-W061-93	
	ORIGINAL ID ----->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	LAB SAMPLE ID --->	S346384*4		S346384*10		S346384*5		S346384*6		S346384*7		S346384*8	
	ID FROM REPORT -->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/10/93		11/10/93	
	DATE EXTRACTED -->	11/17/93		11/17/93		11/17/93		11/17/93		11/17/93		11/17/93	
	DATE ANALYZED --->	12/20/93		12/28/93		12/20/93		12/20/93		12/20/93		12/20/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	UJ
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	U	0.05	UJ
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	UJ
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	UJ	2.	U	2.	UJ
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	UJ
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

PEST					
	SAMPLE ID ------->	006-H-W061-93 RE		006-G-W071-93	
	ORIGINAL ID ----->	S06W061D(RE)		S06W0701	
	LAB SAMPLE ID --->	S346384A*4		S346384*9	
	ID FROM REPORT -->	S06W061D(RE)		S06W0701	
	SAMPLE DATE ----->	11/10/93		11/10/93	
	DATE EXTRACTED -->	11/17/93		11/17/93	
	DATE ANALYZED --->	12/31/93		12/20/93	
	MATRIX ---------->	Water		Water	
	UNITS ---------->	ug/l		ug/l	
CAS #	Parameter	CNS23	VAL	CNS24	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U
319-85-7	beta-BHC	0.05	U	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U
72-20-8	Endrin	0.1	U	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U
53494-70-5	Endrin ketone	0.1	U	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	006-G-W011-93		006-G-W021-93		006-G-W031-93		006-G-W031-93 RE		006-G-W041-93		006-G-W051-93	
	ORIGINAL ID ----->	S06W0101		S06W0201		S06W0301		S06W0301RE		S06W0401		S06W0501	
	LAB SAMPLE ID --->	S346384*4		S346384*10		S346384*5		S346384*25		S346384*6		S346384*7	
	ID FROM REPORT -->	S06W0101		S06W0201		S06W0301		S06W0301RE		S06W0401		S06W0501	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/10/93		11/10/93	
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93		11/16/93		11/16/93		11/16/93	
	DATE ANALYZED --->	12/08/93		11/29/93		12/08/93		12/28/93		11/27/93		12/12/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
108-95-2	Phenol	10.	U	10.	U	7.2	J	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	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
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)	NR		NR		NR		NR		NR		NR	
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
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	2.9	J
106-47-8	4-Chloroaniline	20.	U	20.	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	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	2.9	J
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	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	2.	J
51-28-5	2,4-Dinitrophenol	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
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	1.3	J
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

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	006-G-W011-93		006-G-W021-93		006-G-W031-93		006-G-W031-93 RE		006-G-W041-93		006-G-W051-93	
	ORIGINAL ID ----->	S06W0101		S06W0201		S06W0301		S06W0301RE		S06W0401		S06W0501	
	LAB SAMPLE ID --->	S346384*4		S346384*10		S346384*5		S346384*25		S346384*6		S346384*7	
	ID FROM REPORT -->	S06W0101		S06W0201		S06W0301		S06W0301RE		S06W0401		S06W0501	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/10/93		11/10/93	
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93		11/16/93		11/16/93		11/16/93	
	DATE ANALYZED --->	12/08/93		11/29/93		12/08/93		12/28/93		11/27/93		12/12/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	3.5	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.	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	5.1	J
111-44-4	bis(2-Chloroethyl)ether	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	0.74	J
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	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.	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)	2.9	J	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
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

SVOA											
	SAMPLE ID ------->	006-G-W061-93		006-H-W061-93 D		006-G-W071-93					
	ORIGINAL ID ----->	S06W0601		S06W061D		S06W0701					
	LAB SAMPLE ID --->	S346384*8		S346384A*1		S346384*9					
	ID FROM REPORT -->	S06W0601		S06W061D		S06W0701					
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93					
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93					
	DATE ANALYZED --->	12/08/93		11/29/93		12/08/93					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	ug/l		ug/l		ug/l					
CAS #	Parameter	CNS24	VAL	CNS23	VAL	CNS24	VAL				
108-95-2	Phenol	10.	U	10.	U	10.	U				
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U				
106-46-7	1,4-Dichlorobenzene	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)	NR		NR		NR					
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				
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	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	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	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				
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				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

SVOA										
	SAMPLE ID ------->	006-G-W061-93		006-H-W061-93 D		006-G-W071-93				
	ORIGINAL ID ----->	S06W0601		S06W061D		S06W0701				
	LAB SAMPLE ID --->	S346384*8		S346384A*1		S346384*9				
	ID FROM REPORT -->	S06W0601		S06W061D		S06W0701				
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93				
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93				
	DATE ANALYZED --->	12/08/93		11/29/93		12/08/93				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	ug/l		ug/l		ug/l				
CAS #	Parameter	CNS24	VAL	CNS23	VAL	CNS24	VAL			
86-73-7	Fluorene	10.	U	10.	U	10.	U			
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			
111-44-4	bis(2-Chloroethyl)ether	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			
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	006-G-W011-93		006-G-W021-93		006-G-W031-93		006-G-W041-93		006-G-W051-93		006-G-W061-93	
	ORIGINAL ID ----->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	LAB SAMPLE ID --->	S346384*4		S346384*10		S346384*5		S346384*6		S346384*7		S346384*8	
	ID FROM REPORT -->	S06W0101		S06W0201		S06W0301		S06W0401		S06W0501		S06W0601	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/10/93		11/10/93	
	DATE ANALYZED --->	11/20/93		11/20/93		11/20/93		11/20/93		11/23/93		11/22/93	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
74-87-3	Chloromethane	10.	U	10.	U	100.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	100.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	100.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	100.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	91.	U	9.3	U	5.	U	5.	U
67-64-1	Acetone	50.	U	50.	U	500.	U	50.	U	50.	U	50.	U
75-15-0	Carbon disulfide	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	50.	U	50.	U	500.	U	50.	U	50.	U	50.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	50.	U	500.	U	50.	U	50.	U	50.	U
591-78-6	2-Hexanone	50.	U	50.	U	500.	U	50.	U	50.	U	50.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
108-88-3	Toluene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
108-90-7	Chlorobenzene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
1330-20-7	Xylene (Total)	5.	U	5.	U	50.	U	5.	U	12.		5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	50.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	100.	U	10.	U	10.	U	10.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 006 GROUNDWATER SAMPLES

VOA									
	SAMPLE ID ------->	006-H-W061-93 D		006-G-W071-93					
	ORIGINAL ID ----->	S06W061D		S06W0701					
	LAB SAMPLE ID --->	S346384A*1		S346384*9					
	ID FROM REPORT -->	S06W061D		S06W0701					
	SAMPLE DATE ----->	11/10/93		11/10/93					
	DATE ANALYZED --->	11/20/93		11/20/93					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS23	VAL	CNS24	VAL				
74-87-3	Chloromethane	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	50.	U	50.	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				
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	50.	UJ	50.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	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	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				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	50.	U				
591-78-6	2-Hexanone	50.	U	50.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	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				
1330-20-7	Xylene (Total)	5.	U	5.	U				
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	UJ	10.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SURFACE WATER SAMPLES

METAL									
	SAMPLE ID ------->	007-R-1011-93		007-R-1013-93					
	ORIGINAL ID ----->	S07R1011		S07R1013					
	LAB SAMPLE ID --->	45733-13		S345784*14					
	ID FROM REPORT -->	S07R1011		S07R1013					
	SAMPLE DATE ----->	10/11/93		10/13/93					
	DATE ANALYZED --->			10/21/93					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS10	VAL	CNS11	VAL				
CN	Cyanide	10.	U	NR					
CD	Cadmium	5.	U	5.	U				
CA	Calcium	500.	U	500.	U				
CR	Chromium	10.	U	10.	U				
CO	Cobalt	10.	U	10.	U				
CU	Copper	25.	U	25.	U				
FE	Iron	160.		50.	U				
PB	Lead	5.	U	5.	U				
MG	Magnesium	500.	U	500.	U				
MN	Manganese	10.	U	10.	U				
HG	Mercury	0.2		0.2	U				
NI	Nickel	40.	U	40.	U				
K	Potassium	1000.	U	1000.	U				
SE	Selenium	10.	U	10.	U				
AG	Silver (Ag)	10.	U	10.	U				
NA	Sodium	500.	U	500.	U				
TL	Thallium	10.	U	10.	U				
ZN	Zinc	20.	U	20.	U				
V	Vanadium	10.	U	10.	U				
AL	Aluminum	200.	U	200.	U				
SB	Antimony	50.	U	50.	U				
AS	Arsenic	10.	U	10.	U				
BA	Barium	10.	U	10.	U				
BE	Beryllium	5.	U	5.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SURFACE WATER SAMPLES

PEST								
	SAMPLE ID ------->	007-R-1011-93		007-R-1013-93				
	ORIGINAL ID ----->	S07R1011		S07R1013				
	LAB SAMPLE ID --->	45733-13		S345784*14				
	ID FROM REPORT -->	S07R1011		S07R1013				
	SAMPLE DATE ----->	10/11/93		10/13/93				
	DATE EXTRACTED -->			10/19/93				
	DATE ANALYZED --->			11/13/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS10	VAL	CNS11	VAL			
319-84-6	alpha-BHC	0.05	U	0.05	U			
319-85-7	beta-BHC	0.05	U	0.05	U			
319-86-8	delta-BHC	0.05	U	0.05	U			
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U			
76-44-8	Heptachlor	0.05	U	0.05	U			
309-00-2	Aldrin	0.05	U	0.05	U			
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U			
959-98-8	Endosulfan I	0.05	U	0.05	U			
60-57-1	Dieldrin	0.1	U	0.1	U			
72-55-9	4,4'-DDE	0.1	U	0.1	U			
72-20-8	Endrin	0.1	U	0.1	U			
33213-65-9	Endosulfan II	0.1	U	0.1	U			
72-54-8	4,4'-DDD	0.1	U	0.1	U			
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U			
50-29-3	4,4'-DDT	0.1	U	0.1	U			
53494-70-5	Endrin ketone	0.1	U	0.1	U			
72-43-5	Methoxychlor	0.5	U	0.5	U			
5103-71-9	alpha-Chlordane	0.05	U	0.05	U			
5103-74-2	gamma-Chlordane	0.05	U	0.05	U			
8001-35-2	Toxaphene	5.	U	5.	U			
12674-11-2	Aroclor-1016	1.	U	1.	U			
11104-28-2	Aroclor-1221	2.	U	2.	U			
11141-16-5	Aroclor-1232	1.	U	1.	U			
53469-21-9	Aroclor-1242	1.	U	1.	U			
12672-29-6	Aroclor-1248	1.	U	1.	U			
11097-69-1	Aroclor-1254	1.	U	1.	U			
11096-82-5	Aroclor-1260	1.	U	1.	U			
7421-93-4	Endrin aldehyde	0.1	U	0.1	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SURFACE WATER SAMPLES

SVOA								
	SAMPLE ID ------->	007-R-1011-93		007-R-1013-93				
	ORIGINAL ID ----->	S07R1011		S07R1013				
	LAB SAMPLE ID --->	45733-13		S345784*14				
	ID FROM REPORT -->	S07R1011		S07R1013				
	SAMPLE DATE ----->	10/11/93		10/13/93				
	DATE EXTRACTED -->			10/18/93				
	DATE ANALYZED --->			10/22/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS10	VAL	CNS11	VAL			
108-95-2	Phenol	10.	U	10.	U			
95-57-8	2-Chlorophenol	10.	U	10.	U			
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U			
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U			
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR				
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U			
67-72-1	Hexachloroethane	10.	U	10.	U			
98-95-3	Nitrobenzene	10.	U	10.	U			
78-59-1	Isophorone	10.	U	10.	U			
88-75-5	2-Nitrophenol	10.	U	10.	U			
105-67-9	2,4-Dimethylphenol	10.	U	10.	U			
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U			
120-83-2	2,4-Dichlorophenol	10.	U	10.	U			
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U			
91-20-3	Naphthalene	10.	U	10.	U			
106-47-8	4-Chloroaniline	20.	U	20.	U			
87-68-3	Hexachlorobutadiene	10.	U	10.	U			
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U			
91-57-6	2-Methylnaphthalene	10.	U	10.	U			
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U			
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U			
95-95-4	2,4,5-Trichlorophenol	10.	U	10.	U			
91-58-7	2-Chloronaphthalene	10.	U	10.	U			
88-74-4	2-Nitroaniline	50.	U	50.	U			
131-11-3	Dimethyl phthalate	10.	U	10.	U			
208-96-8	Acenaphthylene	10.	U	10.	U			
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U			
99-09-2	3-Nitroaniline	50.	U	50.	U			
83-32-9	Acenaphthene	10.	U	10.	U			
51-28-5	2,4-Dinitrophenol	50.	U	50.	U			
100-02-7	4-Nitrophenol	50.	U	50.	U			
132-64-9	Dibenzofuran	10.	U	10.	U			
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U			
84-66-2	Diethylphthalate	10.	U	10.	U			
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SURFACE WATER SAMPLES

SVOA								
	SAMPLE ID ------->	007-R-1011-93		007-R-1013-93				
	ORIGINAL ID ----->	S07R1011		S07R1013				
	LAB SAMPLE ID --->	45733-13		S345784*14				
	ID FROM REPORT -->	S07R1011		S07R1013				
	SAMPLE DATE ----->	10/11/93		10/13/93				
	DATE EXTRACTED -->			10/18/93				
	DATE ANALYZED --->			10/22/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS10	VAL	CNS11	VAL			
86-73-7	Fluorene	10.	U	10.	U			
100-01-6	4-Nitroaniline	50.	U	50.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U			
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U			
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U			
118-74-1	Hexachlorobenzene	10.	U	10.	U			
87-86-5	Pentachlorophenol	50.	U	50.	U			
85-01-8	Phenanthrene	10.	U	10.	U			
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U			
120-12-7	Anthracene	10.	U	10.	U			
86-74-8	Carbazole	10.	U	10.	U			
84-74-2	Di-n-butylphthalate	10.	U	10.	U			
206-44-0	Fluoranthene	10.	U	10.	U			
129-00-0	Pyrene	10.	U	10.	U			
85-68-7	Butylbenzylphthalate	10.	U	10.	U			
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U			
56-55-3	Benzo(a)anthracene	10.	U	10.	U			
218-01-9	Chrysene	10.	U	10.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	21.		10.	U			
117-84-0	Di-n-octyl phthalate	10.	U	10.	U			
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U			
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U			
50-32-8	Benzo(a)pyrene	10.	U	10.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U			
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U			
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U			
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U			
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SURFACE WATER SAMPLES

VOA								
	SAMPLE ID ------->	007-R-1011-93		007-R-1013-93				
	ORIGINAL ID ----->	S07R1011		S07R1013				
	LAB SAMPLE ID --->	45733-13		S345784*14				
	ID FROM REPORT -->	S07R1011		S07R1013				
	SAMPLE DATE ----->	10/11/93		10/13/93				
	DATE ANALYZED --->			10/22/93				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS10	VAL	CNS11	VAL			
74-87-3	Chloromethane	10.	U	10.	U			
74-83-9	Bromomethane	10.	U	10.	U			
75-01-4	Vinyl chloride	10.	U	10.	U			
75-00-3	Chloroethane	10.	U	10.	U			
75-09-2	Methylene chloride	5.	U	5.	U			
67-64-1	Acetone	50.	U	50.	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			
67-66-3	Chloroform	5.	U	5.	U			
107-06-2	1,2-Dichloroethane	5.	U	5.	U			
78-93-3	2-Butanone (MEK)	50.	U	50.	U			
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U			
56-23-5	Carbon tetrachloride	5.	U	5.	U			
75-27-4	Bromodichloromethane	5.	U	5.	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	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			
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U			
75-25-2	Bromoform	5.	U	5.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	50.	U			
591-78-6	2-Hexanone	50.	U	50.	U			
127-18-4	Tetrachloroethene	5.	U	5.	U			
79-34-5	1,1,2,2-Tetrachloroethane	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			
1330-20-7	Xylene (Total)	5.	U	5.	U			
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U			
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U			
108-05-4	Vinyl acetate	10.	U	10.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	007-S-B031-93		007-C-B031-93 D		007-S-B032-93		007-S-B041-93		007-S-B051-93		007-S-B061-93	
	ORIGINAL ID ----->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	LAB SAMPLE ID --->	S345716*1		S345716A*1		S345716*2		S345716*3		S345716*4		S345716*5	
	ID FROM REPORT -->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE ANALYZED --->	11/02/93		11/02/93		11/02/93		11/02/93		11/02/93		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	CNS09	VAL	CNS08	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.61	U	0.56	U	0.89	U	0.57	U	0.56	U	0.66	U
CA	Calcium	100000.		115000.		4900.		22000.		81000.		68000.	
CR	Chromium	9.2		7.	J	31.		15.		7.7		17.	
CO	Cobalt	1.8		1.7		5.3		2.		1.8		3.9	
CU	Copper	7.6		8.		26.		22.		11.		33.	
FE	Iron	5200.		3260.		21000.		8100.		3800.		14000.	
PB	Lead	18.	J	26.9		45.	J	74.	J	45.	J	43.	J
MG	Magnesium	13000.		1320.		3300.		460.		940.		1000.	
MN	Manganese	140.	J	132.		190.	J	73.	J	120.	J	140.	J
HG	Mercury	0.032		0.02		0.21		0.055		0.041		0.058	
NI	Nickel	5.2		5.		8.7		7.5		5.2		13.	
K	Potassium	160.		145.		1700.		180.		200.		190.	
SE	Selenium	1.2	UJ	1.1	UJ	8.9	UJ	2.3	UJ	5.6	UJ	1.3	UJ
AG	Silver (Ag)	1.2	U	1.1	U	1.8	U	1.1	U	1.1	U	1.3	U
NA	Sodium	150.		141.		820.		210.		240.		100.	
TL	Thallium	6.1	U	5.6	UJ	1.8	UJ	1.1	UJ	1.1	U	1.3	U
ZN	Zinc	53.	J	37.5	J	120.	J	92.	J	47.	J	130.	J
V	Vanadium	8.3		7.1		51.		6.8		6.8		19.	
AL	Aluminum	4600.		3610.		12000.		4000.		2300.		2300.	
SB	Antimony	6.1	UJ	5.6	UJ	8.9	UJ	5.7	UJ	5.6	UJ	6.6	UJ
AS	Arsenic	2.7	J	2.2	J	35.	J	9.6	J	2.7	J	11.	J
BA	Barium	14.		26.7		26.		39.		15.		65.	
BE	Beryllium	0.61	U	0.56	U	0.92		0.57	U	0.56	U	0.66	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	007-S-B071-93		007-S-B081-93		007-S-B091-93		007-S-B101-93		007-S-B111-93		007-S-B112-93	
	ORIGINAL ID ----->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	LAB SAMPLE ID --->	S345716*6		S345716*7		S345716*8		S345716*9		S345716*10		S345716*11	
	ID FROM REPORT -->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE ANALYZED --->	11/02/93		11/02/93		11/02/93		11/02/93		11/02/93		11/04/93	
	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	CNS09	VAL	CNS09	VAL	CNS10	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.62	U	0.8		0.57	U	0.62	U	0.53	U	0.96	U
CA	Calcium	4300.		100000.		150000.		7600.		70000.		12000.	
CR	Chromium	18.		22.		5.5		21.		9.		43.	
CO	Cobalt	2.9		4.6		1.3		5.3		1.6		7.9	
CU	Copper	23.		25.		3.8		27.		17.		32.	
FE	Iron	6300.		15000.		3900.		18000.		3700.		33000.	
PB	Lead	220.	J	60.	J	12.	J	28.	J	46.	J	55.	
MG	Magnesium	200.		1300.		15000.		2100.		880.		5600.	
MN	Manganese	38.	J	230.	J	110.	J	320.	J	99.	J	450.	
HG	Mercury	0.07		0.065		0.025		0.2		0.12		0.36	
NI	Nickel	9.4		14.		4.6	U	14.		5.3		12.	
K	Potassium	130.		300.		200.		1000.		200.		2700.	J
SE	Selenium	1.2	UJ	1.2	UJ	5.7	UJ	6.2	UJ	1.1	UJ	3.8	UJ
AG	Silver (Ag)	1.2	U	1.2	U	1.1	U	1.2	U	1.1	U	1.9	U
NA	Sodium	70.		120.		360.		330.		120.		1800.	
TL	Thallium	1.2	U	5.9	U	1.1	UJ	1.2	UJ	5.3	U	1.9	UJ
ZN	Zinc	91.	J	390.	J	15.	J	74.	J	63.	J	120.	
V	Vanadium	12.		25.		6.7		38.		7.7		75.	
AL	Aluminum	1800.		4500.		3100.		7900.		3400.		18000.	
SB	Antimony	6.2	UJ	5.9	UJ	5.7	UJ	6.2	UJ	5.3	UJ	9.6	UJ
AS	Arsenic	16.	J	7.4	J	2.3	J	38.	J	4.7	J	21.	J
BA	Barium	53.		64.		13.		29.		14.		29.	
BE	Beryllium	0.62	U	0.59	U	0.57	U	0.68	U	0.53	U	1.3	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	007-S-B121-93		007-S-B131-93		007-S-B132-93		007-C-B132-93 D		007-S-B161-93		007-S-B171-93	
	ORIGINAL ID ----->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	LAB SAMPLE ID --->	S345716*12		S345716*13		S345716*14		S345716A*2		45733-3		45733-4	
	ID FROM REPORT -->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/11/93		10/11/93	
	DATE ANALYZED --->	11/04/93		11/04/93		11/04/93		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	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
CN	Cyanide	NR		NR		NR		NR		1.1	UJ	1.2	UJ
CD	Cadmium	0.97		0.69	U	1.	U	1.1	U	0.73		0.62	U
CA	Calcium	240000.		9800.		12000.		12200.		260000.		5500.	
CR	Chromium	9.1		19.		49.		35.7	J	9.9		17.	
CO	Cobalt	2.4		4.6		8.3		7.3		2.1		4.7	
CU	Copper	11.		30.		34.		32.3		13.		17.	
FE	Iron	4800.		13000.		35000.		30800.		2500.		8100.	
PB	Lead	28.		58.		61.		54.		30.		23.	
MG	Magnesium	2900.		14000.		6600.		5170.		2400.		370.	
MN	Manganese	280.		160.		430.		618.		220.		85.	
HG	Mercury	0.25		0.34		0.4		0.31		0.096		0.035	
NI	Nickel	6.6		14.		14.		10.2		8.1		15.	
K	Potassium	380.	J	710.	J	3300.	J	2690.		200.	J	330.	J
SE	Selenium	1.1	UJ	6.9	UJ	10.	UJ	10.5	UJ	1.1	UJ	1.2	UJ
AG	Silver (Ag)	1.1	U	1.4	U	2.1	U	2.1	U	1.1	U	1.2	U
NA	Sodium	240.		130.		6500.		6780.		140.		190.	
TL	Thallium	5.5	U	1.4	U	2.1	UJ	2.1	UJ	5.7	U	1.2	UJ
ZN	Zinc	64.		110.		140.		124.	J	57.		270.	
V	Vanadium	8.9		28.		80.		64.5		5.3		13.	
AL	Aluminum	2500.		6600.		25000.		13600.		1400.		3600.	
SB	Antimony	5.5	UJ	6.9	UJ	10.	UJ	10.5	UJ	5.7	UJ	6.2	UJ
AS	Arsenic	6.3	J	24.	J	24.	J	29.	J	6.7	J	12.	J
BA	Barium	16.		35.		39.		26.4		13.		110.	
BE	Beryllium	0.55	U	0.69	U	1.3		1.2		0.57	U	0.62	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
		SAMPLE ID ------->	007-S-B181-93		007-S-B182-93		007-S-B191-93		007-C-B191-93 D		007-S-B211-93		007-S-B221-93	
		ORIGINAL ID ----->	S07B1801		S07B1802		S07B1901		S07B191D		S07B2101		S07B2201	
		LAB SAMPLE ID --->	45733-5		45733-6		45733-7		S345733A*1		45733-8		45733-9	
		ID FROM REPORT -->	S07B1801		S07B1802		S07B1901		S07B191D		S07B2101		S07B2201	
		SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
		DATE ANALYZED --->							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		CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
CN	Cyanide		1.1	UJ	1.5	UJ	1.2	UJ	NR		1.1	UJ	1.1	UJ
CD	Cadmium		0.55	U	0.77	U	0.61	U	0.6	U	1.1		0.87	
CA	Calcium		4700.		25000.		16000.		11900.		140000.		51000.	
CR	Chromium		19.		36.		16.		20.6	J	17.		23.	
CO	Cobalt		1.1		6.7		1.8		1.8		2.3		2.8	
CU	Copper		15.		22.		25.		29.8		23.		18.	
FE	Iron		15000.		35000.		7300.		7650.		17000.		15000.	
PB	Lead		290.		66.		110.		104.		80.		55.	
MG	Magnesium		280.		5100.		520.		438.		1800.		1500.	
MN	Manganese		140.		1000.		81.		79.9		190.		190.	
HG	Mercury		0.042		0.16		0.063		0.06		0.17		0.13	
NI	Nickel		5.3		11.		7.8		9.3		8.8		7.7	
K	Potassium		130.	J	2200.	J	170.	J	155.		350.	J	510.	J
SE	Selenium		1.1	UJ	7.7	UJ	1.2	UJ	1.2	UJ	5.4	UJ	5.3	UJ
AG	Silver (Ag)		1.1	U	1.5	U	1.2	U	1.2	U	1.1	U	1.1	U
NA	Sodium		80.		2600.		85.		81.6		170.		130.	
TL	Thallium		1.1	UJ	1.5	UJ	1.2	U	1.2	UJ	1.1	U	1.1	UJ
ZN	Zinc		40.		90.		110.		88.5	J	110.		190.	
V	Vanadium		8.3		53.		15.	U	13.1		22.		20.	
AL	Aluminum		2700.		15000.		3700.		3330.		4200.		6700.	
SB	Antimony		5.5	UJ	7.7	UJ	6.1	UJ	6.	UJ	5.4	UJ	5.3	UJ
AS	Arsenic		3.9	J	15.	J	13.	J	15.5	J	6.7	J	17.	J
BA	Barium		21.		32.		48.		45.8		42.		28.	
BE	Beryllium		0.55	U	0.93		0.61	U	0.6	U	0.56		0.53	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	007-S-B222-93		007-S-B231-93		007-C-B231-93 D		007-S-B241-93		007-S-B242-93		007-S-B271-93	
	ORIGINAL ID ----->	S07B2202		S07B2301		S07B231D		S07B2401		S07B2402		S07B2701	
	LAB SAMPLE ID --->	45733-10		45733-11		8345733A*2		45733-12		45733-1		45733-2	
	ID FROM REPORT -->	S07B2202		S07B2301		S07B231D		S07B2401		S07B2402		S07B2701	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE ANALYZED --->					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	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL
CN	Cyanide	2.1	UJ	1.1	UJ	NR		1.1	UJ	2.	UJ	1.1	UJ
CD	Cadmium	1.	U	0.61		0.54	U	0.55	U	1.	U	0.65	
CA	Calcium	13000.		180000.		195000.		29000.		11000.		140000.	
CR	Chromium	54.		18.		13.8	J	17.		41.		16.	
CO	Cobalt	1.		3.		2.5		1.3		6.8		1.6	
CU	Copper	37.		20.		26.4		16.		31.		30.	
FE	Iron	40000.		13000.		6630.		5900.		33000.		7000.	
PB	Lead	69.		48.		73.		42.		58.		97.	
MG	Magnesium	5700.		2400.		2470.		540.		5400.		1400.	
MN	Manganese	720.		240.		179.		67.		560.		120.	
HG	Mercury	0.31		0.16		0.1		0.13		0.4		0.18	
NI	Nickel	16.		9.6		8.		4.4	U	11.		8.2	
K	Potassium	2900.	J	570.	J	429.		180.	J	2800.	J	200.	J
SE	Selenium	10.	UJ	11.	UJ	2.2	UJ	1.1	UJ	10.	UJ	1.1	UJ
AG	Silver (Ag)	2.1	U	1.1	U	1.1	U	1.1	U	2.	U	1.1	U
NA	Sodium	710.		440.		409.		290.		3800.		190.	
TL	Thallium	2.1	UJ	5.7	U	5.4	U	1.1	UJ	2.	UJ	1.1	UJ
ZN	Zinc	160.		84.		77.5	J	55.		130.		90.	
V	Vanadium	85.		16.		10.1		9.9		70.		7.5	
AL	Aluminum	30000.		4700.		2720.		3700.		20000.		1700.	
SB	Antimony	10.	UJ	5.7	UJ	5.4	UJ	5.5	UJ	10.	UJ	5.7	UJ
AS	Arsenic	30.	J	6.4	J	6.7	J	3.9	J	33.	J	6.4	J
BA	Barium	41.		25.		20.8		27.		31.		28.	
BE	Beryllium	1.4		0.57	U	0.54	U	0.55	U	1.1		0.57	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	007-S-B281-93		007-C-B281-93 D		007-S-B291-93		007-S-B301-93		007-S-B302-93		007-S-B311-93	
	ORIGINAL ID ----->	S07B2801		S07B281D		S07B2901		S07B3001		S07B3002		S07B3101	
	LAB SAMPLE ID --->	S345784*1		S345784A*1		S345784*2		S345784*3		S345784*4		S345784*5	
	ID FROM REPORT -->	S07B2801		S07B281D		S07B2901		S07B3001		S07B3002		S07B3101	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE ANALYZED --->	11/05/93		11/02/93		11/05/93		11/05/93		11/05/93		11/05/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.59	U	0.61	U	0.56	U	0.57	U	1.1	U	0.59	U
CA	Calcium	6100.		7000.		2000.		1400.		12000.		1100.	
CR	Chromium	14.	J	21.8	J	68.	J	8.	J	43.	J	11.	J
CO	Cobalt	2.3		2.5		1.1		1.3		8.2		1.2	U
CU	Copper	22.		22.3		21.		5.4		32.		4.1	
FE	Iron	5100.		5390.		6700.		3700.		36000.		6300.	
PB	Lead	590.	J	524.		380.	J	32.	J	47.	J	9.6	J
MG	Magnesium	250.		209.		360.		320.		5900.		460.	
MN	Manganese	40.	J	38.1		43.	J	18.	J	700.	J	24.	J
HG	Mercury	0.063	J	0.06		0.14	J	0.015	J	0.23	J	0.025	J
NI	Nickel	7.3	J	11.4		4.4	UJ	4.5	UJ	12.	J	4.7	UJ
K	Potassium	130.		123.	U	230.		260.		2800.		450.	
SE	Selenium	1.7	UJ	1.2	UJ	1.1	UJ	1.1	UJ	2.2	UJ	1.2	UJ
AG	Silver (Ag)	1.2	U	1.2	U	1.1	U	1.1	U	2.2	U	1.2	U
NA	Sodium	59.	U	61.3	U	56.	U	120.		4800.		59.	U
TL	Thallium	1.7	UJ	1.2	U	1.1	UJ	1.1	UJ	2.2	UJ	1.2	UJ
ZN	Zinc	59.	J	58.7	J	96.	J	35.	J	120.	J	42.	J
V	Vanadium	11.		10.7		14.		11.		77.		16.	
AL	Aluminum	1800.		1690.		3800.		5200.		18000.		7800.	
SB	Antimony	5.9	UJ	6.1	UJ	5.6	UJ	5.7	UJ	11.	UJ	5.9	UJ
AS	Arsenic	14.		16.3	J	7.3		1.1	U	28.		1.4	
BA	Barium	34.		31.9		16.		27.		33.		23.	
BE	Beryllium	0.59	U	0.61	U	0.56	U	0.57	U	1.2		0.59	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL	SAMPLE ID ------->	007-S-B321-93		007-S-B331-93		007-S-B341-93		007-C-B341-93 D		007-S-B342-93		007-S-B351-93	
	ORIGINAL ID ----->	S07B3201		S07B3301		S07B3401		S07B341D		S07B3402		S07B3501	
	LAB SAMPLE ID --->	S345784*6		S345784*7		S345784*8		S345784A*2		S345784*9		S345868*1	
	ID FROM REPORT -->	S07B3201		S07B3301		S07B3401		S07B341D		S07B3402		S07B3501	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/18/93	
	DATE ANALYZED --->	11/05/93		11/05/93		11/05/93		11/02/93		11/05/93		11/05/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS13	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.59	U	0.59	U	1.5		0.58	U	0.89	U	1.1	U
CA	Calcium	480.		260.		270000.		161000.		11000.		11000.	
CR	Chromium	10.	J	10.	J	20.	J	8.5	J	42.	J	35.	
CO	Cobalt	1.2	U	1.2	U	3.2		1.9		7.5		6.7	
CU	Copper	3.4		2.9	U	36.		11.6		33.		35.	J
FE	Iron	5600.		5900.		10000.		4900.		34000.		30000.	
PB	Lead	2.2	J	2.	J	57.	J	22.5		54.	J	50.	J
MG	Magnesium	NR		560.		4000.		2090.		5800.		5800.	
MN	Manganese	17.	J	18.	J	200.	J	117.		710.	J	580.	
HG	Mercury	0.012	UJ	0.012	UJ	0.1	J	0.04		0.33	J	0.48	J
NI	Nickel	4.7	UJ	4.7	UJ	13.	J	6.6		11.	J	9.8	
K	Potassium	500.		570.		660.		309.		3000.		2400.	
SE	Selenium	1.2	UJ	1.2	UJ	2.2	UJ	2.3	UJ	9.4	UJ	11.	UJ
AG	Silver (Ag)	1.2	U	1.2	U	2.	U	1.2	U	1.8	U	2.3	U
NA	Sodium	59.	U	77.		530.		339.		4700.		6600.	
TL	Thallium	1.2	UJ	1.2	UJ	11.	UJ	5.8	U	1.8	UJ	2.3	UJ
ZN	Zinc	9.7	J	22.	J	130.	J	48.4	J	120.	J	130.	J
V	Vanadium	18.		21.		17.		8.4		73.		66.	
AL	Aluminum	7900.		7800.		4900.		2220.		20000.		13000.	
SB	Antimony	5.9	UJ	5.9	UJ	10.	UJ	5.8	UJ	8.9	UJ	11.	UJ
AS	Arsenic	1.2	U	1.2	U	9.5		5.8	U	27.		24.	J
BA	Barium	20.		21.		30.		11.7		31.		30.	
BE	Beryllium	0.59	U	0.59	U	1.	U	0.58	U	1.2		1.1	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

METAL											
	SAMPLE ID ------->	007-S-B361-93		007-S-B362-93		007-S-B371-93		007-S-B372-93			
	ORIGINAL ID ----->	S07B3601		S07B3602		S07B3701		S07B3702			
	LAB SAMPLE ID --->	S345784*10		S345784*11		S345784*12		S345784*13			
	ID FROM REPORT -->	S07B3601		S07B3602		S07B3701		S07B3702			
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93			
	DATE ANALYZED --->	11/05/93		11/05/93		11/05/93		11/05/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg			
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL		
CN	Cyanide	NR		NR		NR		NR			
CD	Cadmium	0.6		1.	U	0.56	U	0.57	U		
CA	Calcium	7000.		12000.		31000.		4500.			
CR	Chromium	24.	J	48.	J	12.	J	24.	J		
CO	Cobalt	1.2		8.6		2.1		4.1			
CU	Copper	17.		31.		10.		17.			
FE	Iron	13000.		37000.		7900.		17000.			
PB	Lead	42.	J	45.	J	25.	J	44.	J		
MG	Magnesium	330.		5900.		1100.		3000.			
MN	Manganese	65.	J	760.	J	150.	J	230.	J		
HG	Mercury	0.063	J	0.27	J	0.071	J	0.14	J		
NI	Nickel	4.6	UJ	13.	J	4.5	UJ	7.	J		
K	Potassium	140.		2900.		490.		1600.			
SE	Selenium	1.1	UJ	10.	UJ	1.2	UJ	1.8	UJ		
AG	Silver (Ag)	1.1	U	2.1	U	1.1	U	1.1	U		
NA	Sodium	190.		4800.		56.	U	2500.			
TL	Thallium	1.1	UJ	2.	UJ	1.2	UJ	1.8	UJ		
ZN	Zinc	150.	J	120.	J	36.	J	60.	J		
V	Vanadium	9.		76.		20.		41.			
AL	Aluminum	3200.		27000.		5200.		10000.			
SB	Antimony	5.7	UJ	10.	UJ	5.6	UJ	5.7	UJ		
AS	Arsenic	2.1		5.1		5.8		17.			
BA	Barium	92.		40.		16.		22.			
BE	Beryllium	0.57	U	1.3		0.56	U	0.74			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-C-B031-93 D		007-S-B032-93		007-S-B041-93		007-S-B051-93		007-S-B061-93		007-S-B061-93	
	ORIGINAL ID ----->	S07B031D		S07B0302		S07B0401		S07B0501		S07B0301		S07B0601	
	LAB SAMPLE ID --->	S345716A*1		S345716*2		S345716*3		S345716*4		S345716*1		S345716*5	
	ID FROM REPORT -->	S07B031D		S07B0302		S07B0401		S07B0501		S07B0301		S07B0601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	10/14/93		10/14/93		10/14/93		10/14/93		10/14/93		10/14/93	
	DATE ANALYZED --->	11/23/93		11/12/93		11/23/93		11/13/93		11/12/93		11/23/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS08	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
319-84-6	alpha-BHC	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
319-85-7	beta-BHC	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
319-86-8	delta-BHC	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	3.8	J
58-89-9	gamma-BHC (Lindane)	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
76-44-8	Heptachlor	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
309-00-2	Aldrin	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
1024-57-3	Heptachlor epoxide	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
959-98-8	Endosulfan I	1.9	U	3.	U	9.7	U	1.9	U	2.1	U	2.2	U
60-57-1	Dieldrin	3.7	U	5.9	U	19.	U	3.7	U	4.	U	4.3	U
72-55-9	4,4'-DDE	28.	D	42.		430.	D	210.	D	29.	J	240.	D
72-20-8	Endrin	3.7	U	5.9	U	19.	U	3.7	U	4.	U	4.3	U
33213-65-9	Endosulfan II	3.7	U	5.9	U	19.	U	3.7	U	4.	U	4.3	U
72-54-8	4,4'-DDD	5.	J	30.		180.	J	4.2	J	5.6		4.3	U
1031-07-8	Endosulfan sulfate	3.7	U	5.9	U	19.	U	3.7	U	4.	J	4.3	U
50-29-3	4,4'-DDT	17.	J	5.9	U	160.	J	110.	JD	20.	JD	120.	JD
53494-70-5	Endrin ketone	3.7	U	5.9	U	19.	U	3.7	U	4.	U	4.3	U
72-43-5	Methoxychlor	19.	U	30.	U	97.	U	19.	U	21.	U	22.	U
5103-71-9	alpha-Chlordane	1.9	U	3.	U	9.8		1.9	U	2.1	U	2.2	U
5103-74-2	gamma-Chlordane	1.9	U	3.	U	9.7	U	2.9	J	6.	J	2.2	U
8001-35-2	Toxaphene	190.	U	300.	U	970.	U	190.	U	210.	U	220.	U
12674-11-2	Aroclor-1016	37.	U	59.	U	190.	U	37.	U	40.	U	43.	U
11104-28-2	Aroclor-1221	75.	U	120.	U	380.	U	74.	U	82.	U	88.	U
11141-16-5	Aroclor-1232	37.	U	59.	U	190.	U	37.	U	40.	U	43.	U
53469-21-9	Aroclor-1242	37.	U	59.	U	190.	U	37.	U	40.	U	43.	U
12672-29-6	Aroclor-1248	37.	U	59.	U	190.	U	37.	U	40.	U	43.	U
11097-69-1	Aroclor-1254	37.	U	59.	U	190.	U	37.	U	40.	U	43.	U
11096-82-5	Aroclor-1260	270.		59.	U	190.	U	330.		550.	J	43.	U
7421-93-4	Endrin aldehyde	3.7	U	5.9	U	19.	U	3.7	U	4.	U	4.3	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B071-93		007-S-B081-93		007-S-B091-93		007-S-B101-93		007-S-B111-93		007-S-B112-93	
	ORIGINAL ID ----->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	LAB SAMPLE ID --->	S345716*6		S345716*7		S345716*8		S345716*9		S345716*10		S345716*11	
	ID FROM REPORT -->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	10/14/93		10/14/93		10/14/93		10/14/93		10/14/93		10/14/93	
	DATE ANALYZED --->	11/12/93		11/23/93		11/23/93		11/23/93		11/23/93		11/07/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS10	VAL
319-84-6	alpha-BHC	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
319-85-7	beta-BHC	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
319-86-8	delta-BHC	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
58-89-9	gamma-BHC (Lindane)	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
76-44-8	Heptachlor	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
309-00-2	Aldrin	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
1024-57-3	Heptachlor epoxide	37.	DJ	10.	U	2.	U	2.1	U	9.	U	3.3	U
959-98-8	Endosulfan I	2.1	U	10.	U	2.	U	2.1	U	9.	U	3.3	U
60-57-1	Dieldrin	4.1	U	20.	U	3.8	U	4.1	U	18.	U	6.3	U
72-55-9	4,4'-DDE	340.	D	530.	D	3.8	U	71.		18.	U	6.3	U
72-20-8	Endrin	4.1	U	20.	U	3.8	U	4.1	U	18.	U	6.3	U
33213-65-9	Endosulfan II	4.1	U	20.	U	3.8	U	4.1	U	18.	U	6.3	U
72-54-8	4,4'-DDD	120.		110.	J	3.8	U	4.1	U	30.	J	6.3	U
1031-07-8	Endosulfan sulfate	4.1	U	20.	U	3.8	U	4.1	U	18.	U	6.3	U
50-29-3	4,4'-DDT	65.	DJ	480.	JD	3.8	U	24.	JD	90.	JD	6.3	U
53494-70-5	Endrin ketone	4.1	U	20.	U	3.8	U	4.1	U	18.	U	6.3	U
72-43-5	Methoxychlor	21.	U	100.	U	20.	U	21.	U	90.	U	33.	U
5103-71-9	alpha-Chlordane	2.1	U	13.		2.	U	2.1	U	150.		3.3	U
5103-74-2	gamma-Chlordane	2.1	U	10.	U	2.	U	2.1	U	220.	JD	3.3	U
8001-35-2	Toxaphene	210.	U	1000.	U	200.	U	210.	U	900.	U	330.	U
12674-11-2	Aroclor-1016	41.	U	200.	U	38.	U	41.	U	180.	U	63.	U
11104-28-2	Aroclor-1221	83.	U	410.	U	77.	U	83.	U	360.	U	130.	U
11141-16-5	Aroclor-1232	41.	U	200.	U	38.	U	41.	U	180.	U	63.	U
53469-21-9	Aroclor-1242	41.	U	200.	U	38.	U	41.	U	180.	U	63.	U
12672-29-6	Aroclor-1248	41.	U	200.	U	38.	U	41.	U	180.	U	63.	U
11097-69-1	Aroclor-1254	41.	U	200.	U	38.	U	41.	U	180.	U	63.	U
11096-82-5	Aroclor-1260	780.		1400.		270.		290.	D	1500.	D	63.	U
7421-93-4	Endrin aldehyde	4.1	U	20.	U	3.8	U	21.	J	18.	U	6.3	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B121-93		007-S-B131-93		007-S-B132-93		007-C-B132-93 D		007-S-B161-93		007-S-B171-93	
	ORIGINAL ID ----->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	LAB SAMPLE ID --->	S345716*12		S345716*13		S345716*14		S345716A*2		45733-3		45733-4	
	ID FROM REPORT -->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/11/93		10/11/93	
	DATE EXTRACTED -->	10/14/93		10/14/93		10/14/93		10/14/93					
	DATE ANALYZED --->	11/23/93		10/12/93		11/07/93		11/12/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
319-84-6	alpha-BHC	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
319-85-7	beta-BHC	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
319-86-8	delta-BHC	1.9	U	12.	U	3.5	U	3.6	U	61.		2.1	U
58-89-9	gamma-BHC (Lindane)	1.9	U	12.	U	3.5	U	3.6	U	28.		2.1	U
76-44-8	Heptachlor	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
309-00-2	Aldrin	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
1024-57-3	Heptachlor epoxide	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
959-98-8	Endosulfan I	1.9	U	12.	U	3.5	U	3.6	U	19.	U	2.1	U
60-57-1	Dieldrin	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U
72-55-9	4,4'-DDE	6.3		570.	DJ	6.8	U	7.	U	1400.	D	16.	J
72-20-8	Endrin	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U
33213-65-9	Endosulfan II	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U
72-54-8	4,4'-DDD	3.6	U	78.	J	6.8	U	7.	U	5900.	D	4.1	U
1031-07-8	Endosulfan sulfate	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U
50-29-3	4,4'-DDT	7.8	J	460.	D	6.8	U	7.	U	360.		10.	J
53494-70-5	Endrin ketone	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U
72-43-5	Methoxychlor	19.	U	120.	U	35.	U	36.	U	190.	U	21.	U
5103-71-9	alpha-Chlordane	1.9	U	14.		3.5	U	3.6	U	120.	J	2.1	U
5103-74-2	gamma-Chlordane	1.9	U	12.	U	3.5	U	3.6	U	95.	J	2.1	U
8001-35-2	Toxaphene	190.	U	1200.	U	350.	U	360.	U	1900.	U	210.	U
12674-11-2	Aroclor-1016	36.	U	230.	U	68.	U	70.	U	380.	U	41.	U
11104-28-2	Aroclor-1221	73.	U	460.	U	140.	U	140.	U	760.	U	83.	U
11141-16-5	Aroclor-1232	36.	U	230.	U	68.	U	70.	U	380.	U	41.	U
53469-21-9	Aroclor-1242	36.	U	230.	U	68.	U	70.	U	380.	U	41.	U
12672-29-6	Aroclor-1248	36.	U	230.	U	68.	U	70.	U	380.	U	41.	U
11097-69-1	Aroclor-1254	36.	U	230.	U	68.	U	70.	U	380.	U	41.	U
11096-82-5	Aroclor-1260	130.		230.	U	68.	U	70.	U	5800.		100.	
7421-93-4	Endrin aldehyde	3.6	U	23.	U	6.8	U	7.	U	38.	U	4.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B181-93		007-S-B182-93		007-S-B182-93 RE		007-S-B191-93		007-C-B191-93 D		007-S-B211-93	
	ORIGINAL ID ----->	S07B1801		S07B1802		S07B1802RE		S07B1901		S07B191D		S07B2101	
	LAB SAMPLE ID --->	45733-5		45733-6		45733-27		45733-7		S345733A*1		45733-8	
	ID FROM REPORT -->	S07B1801		S07B1802		S07B1802RE		S07B1901		S07B191D		S07B2101	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->									10/15/93			
	DATE ANALYZED --->									11/18/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL
319-84-6	alpha-BHC	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
319-85-7	beta-BHC	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
319-86-8	delta-BHC	2.2	J	5.2	U	2.6	U	11.		10.	U	920.	U
58-89-9	gamma-BHC (Lindane)	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
76-44-8	Heptachlor	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
309-00-2	Aldrin	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
1024-57-3	Heptachlor epoxide	1.9	U	5.2	U	2.6	U	6.4	J	10.	U	920.	U
959-98-8	Endosulfan I	1.9	U	5.2	U	2.6	U	4.1	U	10.	U	920.	U
60-57-1	Dieldrin	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U
72-55-9	4,4'-DDE	120.	D	10.	U	5.1	U	580.	JD	670.	D	1800.	U
72-20-8	Endrin	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U
33213-65-9	Endosulfan II	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U
72-54-8	4,4'-DDD	240.	JD	10.	U	5.1	U	247.	JD	150.	J	1800.	U
1031-07-8	Endosulfan sulfate	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U
50-29-3	4,4'-DDT	79.	JD	10.	U	5.1	U	326.	JD	140.	J	1800.	U
53494-70-5	Endrin ketone	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U
72-43-5	Methoxychlor	19.	U	52.	U	26.	U	41.	U	100.	U	9200.	U
5103-71-9	alpha-Chlordane	9.1	J	5.2	U	2.6	U	13.		10.	U	920.	U
5103-74-2	gamma-Chlordane	40.	J	5.2	U	2.6	U	8.7	J	47.		920.	U
8001-35-2	Toxaphene	190.	U	520.	U	260.	U	410.	U	1000.	U	92000.	U
12674-11-2	Aroclor-1016	36.	U	100.	U	51.	U	80.	U	200.	U	18000.	U
11104-28-2	Aroclor-1221	74.	U	210.	U	100.	U	160.	U	400.	U	36000.	U
11141-16-5	Aroclor-1232	36.	U	100.	U	51.	U	80.	U	200.	U	18000.	U
53469-21-9	Aroclor-1242	36.	U	100.	U	51.	U	80.	U	200.	U	18000.	U
12672-29-6	Aroclor-1248	36.	U	100.	U	51.	U	80.	U	200.	U	18000.	U
11097-69-1	Aroclor-1254	36.	U	100.	U	51.	U	80.	U	200.	U	18000.	U
11096-82-5	Aroclor-1260	36.	U	100.	U	51.	U	1100.		720.		510000.	
7421-93-4	Endrin aldehyde	3.6	U	10.	U	5.1	U	8.	U	20.	U	1800.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B221-93		007-S-B222-93		007-S-B231-93		007-C-B231-93 D		007-S-B241-93		007-S-B242-93	
	ORIGINAL ID ----->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	LAB SAMPLE ID --->	45733-9		45733-10		45733-11		S345733A*2		45733-12		45733-1	
	ID FROM REPORT -->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->							10/15/93					
	DATE ANALYZED --->							11/18/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
319-84-6	alpha-BHC	18.	U	3.5	U	3.9	U	37.	U	9.3	U	3.5	U
319-85-7	beta-BHC	18.	U	3.5	U	3.9	U	37.	U	9.3	U	3.5	U
319-86-8	delta-BHC	18.	U	3.5	U	9.4	J	37.	U	9.3	U	3.5	U
58-89-9	gamma-BHC (Lindane)	18.	U	3.5	U	11.	J	37.	U	9.3	U	3.5	U
76-44-8	Heptachlor	18.	U	3.5	U	3.9	U	37.	U	9.8		3.5	U
309-00-2	Aldrin	18.	U	3.5	U	3.9	U	37.	U	9.3	U	3.5	U
1024-57-3	Heptachlor epoxide	18.	U	3.5	U	3.9	U	37.	U	9.3	U	3.5	U
959-98-8	Endosulfan I	18.	U	3.5	U	3.9	U	37.	U	9.3	U	3.5	U
60-57-1	Dieldrin	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U
72-55-9	4,4'-DDE	130.		6.9	U	140.	DJ	210.		1800.	DJ	20.	
72-20-8	Endrin	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U
33213-65-9	Endosulfan II	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U
72-54-8	4,4'-DDD	61.	J	6.9	U	54.	DJ	100.	J	100.	J	55.	J
1031-07-8	Endosulfan sulfate	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U
50-29-3	4,4'-DDT	100.	J	6.9	U	160.	DJ	360.	J	3400.	D	87.	J
53494-70-5	Endrin ketone	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U
72-43-5	Methoxychlor	180.	U	35.	U	39.	U	370.	U	93.	U	35.	U
5103-71-9	alpha-Chlordane	18.	U	3.5	U	13.	J	37.	U	94.	J	3.5	U
5103-74-2	gamma-Chlordane	18.	U	3.5	U	39.	J	37.	U	260.	DJ	3.5	U
8001-35-2	Toxaphene	1800.	U	350.	U	390.	U	3700.	U	930.	U	350.	U
12674-11-2	Aroclor-1016	350.	U	69.	U	76.	U	720.	U	180.	U	67.	U
11104-28-2	Aroclor-1221	710.	U	140.	U	150.	U	1500.	U	370.	U	140.	U
11141-16-5	Aroclor-1232	350.	U	69.	U	76.	U	720.	U	180.	U	67.	U
53469-21-9	Aroclor-1242	350.	U	69.	U	76.	U	720.	U	180.	U	67.	U
12672-29-6	Aroclor-1248	350.	U	69.	U	76.	U	720.	U	180.	U	67.	U
11097-69-1	Aroclor-1254	350.	U	69.	U	76.	U	720.	U	180.	U	67.	U
11096-82-5	Aroclor-1260	350.	U	69.	U	230.	J	2900.	J	180.	U	67.	U
7421-93-4	Endrin aldehyde	35.	U	6.9	U	7.6	U	72.	U	18.	U	6.7	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B271-93		007-S-B281-93		007-C-B281-93 D		007-S-B291-93		007-S-B301-93		007-S-B302-93	
	ORIGINAL ID ----->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	LAB SAMPLE ID --->	45733-2		S345784*1		S345784A*1		S345784*2		S345784*3		S345784*4	
	ID FROM REPORT -->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	SAMPLE DATE ----->	10/11/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->			10/18/93		10/15/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->			11/12/93		11/17/93		11/13/93		11/13/93		11/07/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
319-84-6	alpha-BHC	39000.	D	2.	U	2.1	U	38.	U	9.6	U	3.7	U
319-85-7	beta-BHC	3800.	D	2.	U	2.1	U	38.	U	9.6	U	3.7	U
319-86-8	delta-BHC	28000.	D	2.	U	2.1	U	38.	U	9.6	U	3.7	U
58-89-9	gamma-BHC (Lindane)	76000.	D	2.	U	2.1	U	57.	J	9.6	U	3.7	U
76-44-8	Heptachlor	1100.	J	2.	U	2.1	U	38.	U	9.6	U	3.7	U
309-00-2	Aldrin	960.	U	2.	U	2.1	U	38.	U	9.6	U	3.7	U
1024-57-3	Heptachlor epoxide	960.	U	2.	U	2.1	U	38.	U	9.6	U	3.7	U
959-98-8	Endosulfan I	960.	U	2.	U	2.1	U	38.	U	9.6	U	3.7	U
60-57-1	Dieldrin	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U
72-55-9	4,4'-DDE	1900.	U	120.	D	140.	D	830.		19.	U	7.2	U
72-20-8	Endrin	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U
33213-65-9	Endosulfan II	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U
72-54-8	4,4'-DDD	82000.	D	30.	JD	77.	J	4000.	D	19.	U	5.5	J
1031-07-8	Endosulfan sulfate	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U
50-29-3	4,4'-DDT	100000.	D	160.	D	230.	D	2800.	D	45.	J	10.	
53494-70-5	Endrin ketone	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U
72-43-5	Methoxychlor	9700.	U	20.	U	21.	U	380.	U	96.	U	37.	U
5103-71-9	alpha-Chlordane	7100.	J	2.	J	3.9	J	150.		9.6	U	3.7	U
5103-74-2	gamma-Chlordane	7400.	J	2.9	J	7.9	J	270.		23.	J	3.7	U
8001-35-2	Toxaphene	97000.	U	200.	U	210.	U	3800.	U	970.	U	370.	U
12674-11-2	Aroclor-1016	19000.	U	39.	U	40.	U	730.	U	190.	U	72.	U
11104-28-2	Aroclor-1221	38000.	U	79.	U	82.	U	1500.	U	380.	U	150.	U
11141-16-5	Aroclor-1232	19000.	U	39.	U	40.	U	730.	U	190.	U	72.	U
53469-21-9	Aroclor-1242	19000.	U	39.	U	40.	U	730.	U	190.	U	72.	U
12672-29-6	Aroclor-1248	19000.	U	39.	U	40.	U	730.	U	190.	U	72.	U
11097-69-1	Aroclor-1254	19000.	U	39.	U	40.	U	730.	U	190.	U	72.	U
11096-82-5	Aroclor-1260	19000.	U	160.		240.	J	730.	U	190.	U	72.	U
7421-93-4	Endrin aldehyde	1900.	U	3.9	U	4.	U	73.	U	19.	U	7.2	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	007-S-B311-93		007-S-B321-93		007-S-B331-93		007-S-B341-93		007-C-B341-93 D		007-S-B342-93	
	ORIGINAL ID ----->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	LAB SAMPLE ID --->	S345784*5		S345784*6		S345784*7		S345784*8		S345784A*2		S345784*9	
	ID FROM REPORT -->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/18/93		10/18/93		10/18/93		10/18/93		10/15/93		10/18/93	
	DATE ANALYZED --->	11/12/93		10/31/93		10/31/93		11/01/93		11/17/93		11/13/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL
319-84-6	alpha-BHC	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
319-85-7	beta-BHC	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
319-86-8	delta-BHC	10.	U	2.	U	2.	U	3.8	U	2.5	J	3.	U
58-89-9	gamma-BHC (Lindane)	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
76-44-8	Heptachlor	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
309-00-2	Aldrin	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
1024-57-3	Heptachlor epoxide	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
959-98-8	Endosulfan I	10.	U	2.	U	2.	U	3.8	U	2.	U	3.	U
60-57-1	Dieldrin	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U
72-55-9	4,4'-DDE	430.	D	6.8		3.9	U	33.		24.		5.9	U
72-20-8	Endrin	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U
33213-65-9	Endosulfan II	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U
72-54-8	4,4'-DDD	1100.	D	3.9	U	3.9	U	200.	D	160.	D	5.9	U
1031-07-8	Endosulfan sulfate	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U
50-29-3	4,4'-DDT	1100.	D	26.		4.7	J	140.		54.	D	5.9	U
53494-70-5	Endrin ketone	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U
72-43-5	Methoxychlor	100.	U	20.	U	20.	U	38.	U	20.	U	30.	U
5103-71-9	alpha-Chlordane	38.		2.	U	2.	U	7.8		5.		3.	U
5103-74-2	gamma-Chlordane	78.		2.	U	2.	U	9.6	J	11.		3.	U
8001-35-2	Toxaphene	1000.	U	200.	U	200.	U	380.	U	200.	U	300.	U
12674-11-2	Aroclor-1016	190.	U	39.	U	39.	U	73.	U	38.	U	59.	U
11104-28-2	Aroclor-1221	390.	U	79.	U	79.	U	150.	U	78.	U	120.	U
11141-16-5	Aroclor-1232	190.	U	39.	U	39.	U	73.	U	38.	U	59.	U
53469-21-9	Aroclor-1242	190.	U	39.	U	39.	U	73.	U	38.	U	59.	U
12672-29-6	Aroclor-1248	190.	U	39.	U	39.	U	73.	U	38.	U	59.	U
11097-69-1	Aroclor-1254	190.	U	39.	U	39.	U	73.	U	38.	U	59.	U
11096-82-5	Aroclor-1260	190.	U	39.	U	39.	U	120.		38.	U	59.	U
7421-93-4	Endrin aldehyde	19.	U	3.9	U	3.9	U	7.3	U	3.8	U	5.9	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

PEST											
	SAMPLE ID ------->	007-S-B351-93		007-S-B361-93		007-S-B362-93		007-S-B371-93		007-S-B372-93	
	ORIGINAL ID ----->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	LAB SAMPLE ID --->	S345868*1		S345784*10		S345784*11		S345784*12		S345784*13	
	ID FROM REPORT -->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	SAMPLE DATE ----->	10/18/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/21/93		10/18/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->	11/25/93		11/12/93		11/18/93		11/24/93		11/13/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
319-84-6	alpha-BHC	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
319-85-7	beta-BHC	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
319-86-8	delta-BHC	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
58-89-9	gamma-BHC (Lindane)	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
76-44-8	Heptachlor	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
309-00-2	Aldrin	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
1024-57-3	Heptachlor epoxide	3.9	U	3.7	J	3.5	U	1.9	U	1.9	U
959-98-8	Endosulfan I	3.9	U	2.	U	3.5	U	1.9	U	1.9	U
60-57-1	Dieldrin	7.5	U	3.8	U	6.9	U	3.7	U	3.8	U
72-55-9	4,4'-DDE	7.5	U	54.		6.9	U	19.		3.8	U
72-20-8	Endrin	7.5	U	3.8	U	6.9	U	3.7	U	3.8	U
33213-65-9	Endosulfan II	7.5	U	3.8	U	6.9	U	3.7	U	3.8	U
72-54-8	4,4'-DDD	7.5	U	8.8	J	6.9	U	120.	JD	3.8	U
1031-07-8	Endosulfan sulfate	7.5	U	3.8	U	6.9	U	3.7	U	3.8	U
50-29-3	4,4'-DDT	7.5	U	16.	J	6.9	U	22.	J	3.8	U
53494-70-5	Endrin ketone	7.5	U	3.8	U	6.9	U	3.7	U	3.8	U
72-43-5	Methoxychlor	39.	U	20.	U	35.	U	19.	U	19.	U
5103-71-9	alpha-Chlordane	3.9	U	19.		3.5	U	5.1		1.9	U
5103-74-2	gamma-Chlordane	3.9	U	2.	U	3.5	U	5.2	J	1.9	U
8001-35-2	Toxaphene	390.	U	200.	U	350.	U	190.	U	190.	U
12674-11-2	Aroclor-1016	75.	U	38.	U	69.	U	37.	U	38.	U
11104-28-2	Aroclor-1221	150.	U	77.	U	140.	U	75.	U	76.	U
11141-16-5	Aroclor-1232	75.	U	38.	U	69.	U	37.	U	38.	U
53469-21-9	Aroclor-1242	75.	U	38.	U	69.	U	37.	U	38.	U
12672-29-6	Aroclor-1248	75.	U	38.	U	69.	U	37.	U	38.	U
11097-69-1	Aroclor-1254	75.	U	38.	U	69.	U	37.	U	38.	U
11096-82-5	Aroclor-1260	75.	U	110.		69.	U	110.		38.	U
7421-93-4	Endrin aldehyde	7.5	U	3.8	U	6.9	U	7.5	J	3.8	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B031-93		007-C-B031-93 D		007-S-B032-93		007-S-B041-93		007-S-B051-93		007-S-B061-93	
	ORIGINAL ID ----->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	LAB SAMPLE ID --->	S345716*1		S345716A*1		S345716*2		S345716*3		S345716*4		S345716*5	
	ID FROM REPORT -->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	10/15/93		10/15/93		10/15/93		10/15/93		10/15/93		10/15/93	
	DATE ANALYZED --->	10/27/93		10/28/93		10/27/93		10/27/93		10/27/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS08	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
108-95-2	Phenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
95-57-8	2-Chlorophenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
106-46-7	1,4-Dichlorobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
95-50-1	1,2-Dichlorobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
67-72-1	Hexachloroethane	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
98-95-3	Nitrobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
78-59-1	Isophorone	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
88-75-5	2-Nitrophenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
105-67-9	2,4-Dimethylphenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
111-91-1	bis(2-Chloroethoxy)methane	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
120-83-2	2,4-Dichlorophenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
91-20-3	Naphthalene	400.	U	370.	U	590.	U	380.	U	370.	U	60.	J
106-47-8	4-Chloroaniline	800.	U	740.	U	1200.	U	760.	U	730.	U	870.	U
87-68-3	Hexachlorobutadiene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
91-57-6	2-Methylnaphthalene	400.	U	370.	U	590.	U	380.	U	370.	U	63.	J
77-47-4	Hexachlorocyclopentadiene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
91-58-7	2-Chloronaphthalene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
88-74-4	2-Nitroaniline	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
131-11-3	Dimethyl phthalate	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
208-96-8	Acenaphthylene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
606-20-2	2,6-Dinitrotoluene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
99-09-2	3-Nitroaniline	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
83-32-9	Acenaphthene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
51-28-5	2,4-Dinitrophenol	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
100-02-7	4-Nitrophenol	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
132-64-9	Dibenzofuran	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
121-14-2	2,4-Dinitrotoluene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
84-66-2	Diethylphthalate	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
7005-72-3	4-Chlorophenylphenylether	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B031-93		007-C-B031-93 D		007-S-B032-93		007-S-B041-93		007-S-B051-93		007-S-B061-93	
	ORIGINAL ID ----->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	LAB SAMPLE ID --->	S345716*1		S345716A*1		S345716*2		S345716*3		S345716*4		S345716*5	
	ID FROM REPORT -->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	10/15/93		10/15/93		10/15/93		10/15/93		10/15/93		10/15/93	
	DATE ANALYZED --->	10/27/93		10/28/93		10/27/93		10/27/93		10/27/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS08	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
86-73-7	Fluorene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
100-01-6	4-Nitroaniline	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
101-55-3	4-Bromophenyl-phenylether	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
118-74-1	Hexachlorobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
87-86-5	Pentachlorophenol	2000.	U	1900.	U	3000.	U	2000.	U	1900.	U	2200.	U
85-01-8	Phenanthrene	400.	U	53.	J	56.	J	170.	J	35.	J	220.	J
111-44-4	bis(2-Chloroethyl)ether	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
120-12-7	Anthracene	400.	U	370.	U	590.	U	33.	J	370.	U	49.	J
86-74-8	Carbazole	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
84-74-2	Di-n-butylphthalate	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
206-44-0	Fluoranthene	80.	J	120.	J	240.	J	380.	J	94.	J	740.	
129-00-0	Pyrene	86.	J	140.	J	340.	J	440.		110.	J	990.	
85-68-7	Butylbenzylphthalate	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine	800.	U	740.	U	1200.	U	760.	U	730.	U	870.	U
56-55-3	Benzo(a)anthracene	400.	U	370.	U	140.	J	170.	J	370.	U	400.	J
218-01-9	Chrysene	60.	J	85.	J	140.	J	250.	J	65.	J	690.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	56.	J	53.	J	590.	U	380.	U	370.	U	430.	U
117-84-0	Di-n-octyl phthalate	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
205-99-2	Benzo(b)fluoranthene	82.	J	110.	J	200.	J	320.	J	90.	J	880.	
207-08-9	Benzo(k)fluoranthene	400.	U	370.	U	83.	J	100.	J	370.	U	330.	J
50-32-8	Benzo(a)pyrene	40.	J	62.	J	160.	J	170.	J	48.	J	430.	J
193-39-5	Indeno(1,2,3-cd)pyrene	400.	U	370.	U	87.	J	120.	J	370.	U	310.	J
53-70-3	Dibenz(a,h)anthracene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
191-24-2	Benzo(g,h,i)perylene	400.	U	370.	U	590.	U	110.	J	370.	U	290.	J
106-44-5	4-Methylphenol (p-Cresol)	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U
541-73-1	1,3-Dichlorobenzene	400.	U	370.	U	590.	U	380.	U	370.	U	430.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B061-93 RE		007-S-B071-93		007-S-B081-93		007-S-B091-93		007-S-B101-93		007-S-B111-93	
	ORIGINAL ID ----->	S07B0601		S07B0701		S07B0801		S07B0901		S07B1001		S07B1101	
	LAB SAMPLE ID --->	S345716*35		S345716*6		S345716*7		S345716*8		S345716*9		S345716*10	
	ID FROM REPORT -->	S07B0601		S07B0701		S07B0801		S07B0901		S07B1001		S07B1101	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	11/18/93		10/15/93		10/15/93		10/15/93		10/15/93		10/15/93	
	DATE ANALYZED --->	11/19/93		10/28/93		10/28/93		10/28/93		10/28/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
108-95-2	Phenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
95-57-8	2-Chlorophenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
106-46-7	1,4-Dichlorobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
95-50-1	1,2-Dichlorobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
95-48-7	2-Methylphenol (o-Cresol)	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
67-72-1	Hexachloroethane	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
98-95-3	Nitrobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
78-59-1	Isophorone	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
88-75-5	2-Nitrophenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
105-67-9	2,4-Dimethylphenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
120-83-2	2,4-Dichlorophenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
91-20-3	Naphthalene	100.	J	33.	J	41.	J	380.	U	410.	U	350.	U
106-47-8	4-Chloroaniline	870.	U	810.	U	780.	U	760.	U	810.	U	700.	U
87-68-3	Hexachlorobutadiene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
59-50-7	4-Chloro-3-methylphenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
91-57-6	2-Methylnaphthalene	430.	U	40.	J	390.	U	380.	U	38.	J	350.	U
77-47-4	Hexachlorocyclopentadiene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
88-06-2	2,4,6-Trichlorophenol	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
95-95-4	2,4,5-Trichlorophenol	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
91-58-7	2-Chloronaphthalene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
88-74-4	2-Nitroaniline	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
131-11-3	Dimethyl phthalate	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
208-96-8	Acenaphthylene	91.	J	410.	U	52.	J	78.	J	410.	U	350.	U
606-20-2	2,6-Dinitrotoluene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
99-09-2	3-Nitroaniline	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
83-32-9	Acenaphthene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
51-28-5	2,4-Dinitrophenol	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
100-02-7	4-Nitrophenol	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
132-64-9	Dibenzofuran	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
121-14-2	2,4-Dinitrotoluene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
84-66-2	Diethylphthalate	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
7005-72-3	4-Chlorophenylphenylether	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B061-93 RE		007-S-B071-93		007-S-B081-93		007-S-B091-93		007-S-B101-93		007-S-B111-93	
	ORIGINAL ID ----->	S07B0601		S07B0701		S07B0801		S07B0901		S07B1001		S07B1101	
	LAB SAMPLE ID --->	S345716*35		S345716*6		S345716*7		S345716*8		S345716*9		S345716*10	
	ID FROM REPORT -->	S07B0601		S07B0701		S07B0801		S07B0901		S07B1001		S07B1101	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE EXTRACTED -->	11/18/93		10/15/93		10/15/93		10/15/93		10/15/93		10/15/93	
	DATE ANALYZED --->	11/19/93		10/28/93		10/28/93		10/28/93		10/28/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
86-73-7	Fluorene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
100-01-6	4-Nitroaniline	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
86-30-6	N-Nitrosodiphenylamine	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
101-55-3	4-Bromophenyl-phenylether	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
118-74-1	Hexachlorobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
87-86-5	Pentachlorophenol	2200.	U	2100.	U	2000.	U	2000.	U	2100.	U	1800.	U
85-01-8	Phenanthrene	240.	J	100.	J	200.	J	36.	J	200.	J	92.	J
111-44-4	bis(2-Chloroethyl)ether	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
120-12-7	Anthracene	59.	J	410.	U	43.	J	380.	U	44.	J	350.	U
86-74-8	Carbazole	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
84-74-2	Di-n-butylphthalate	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
206-44-0	Fluoranthene	1400.		240.	J	600.		180.	J	380.	J	270.	J
129-00-0	Pyrene	1800.		240.	J	620.		300.	J	370.	J	250.	J
85-68-7	Butylbenzylphthalate	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
91-94-1	3,3'-Dichlorobenzidine	890.	U	810.	U	780.	U	760.	U	810.	U	700.	U
56-55-3	Benzo(a)anthracene	960.		150.	J	350.	J	180.	J	210.	J	130.	J
218-01-9	Chrysene	1200.		220.	J	510.		240.	J	250.	J	190.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U	410.	U	390.	U	380.	U	410.	U	78.	J
117-84-0	Di-n-octyl phthalate	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
205-99-2	Benzo(b)fluoranthene	1800.		320.	J	660.		290.	J	330.	J	260.	J
207-08-9	Benzo(k)fluoranthene	600.		96.	J	190.	J	110.	J	110.	J	84.	J
50-32-8	Benzo(a)pyrene	950.		160.	J	430.		260.	J	210.	J	150.	J
193-39-5	Indeno(1,2,3-cd)pyrene	640.		130.	J	320.	J	180.	J	160.	J	110.	J
53-70-3	Dibenz(a,h)anthracene	170.	J	410.	U	76.	J	47.	J	410.	U	350.	U
191-24-2	Benzo(g,h,i)perylene	560.		120.	J	310.	J	200.	J	160.	J	110.	J
106-44-5	4-Methylphenol (p-Cresol)	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U
541-73-1	1,3-Dichlorobenzene	430.	U	410.	U	390.	U	380.	U	410.	U	350.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA															
		SAMPLE ID ------->	007-S-B112-93		007-S-B121-93		007-S-B131-93		007-S-B132-93		007-C-B132-93 D		007-S-B161-93	
		ORIGINAL ID ----->	S07B1102		S07B1201		S07B1301		S07B1302		S07B132D		S07B1601	
		LAB SAMPLE ID --->	S345716*11		S345716*12		S345716*13		S345716*14		S345716A*2		45733-3	
		ID FROM REPORT -->	S07B1102		S07B1201		S07B1301		S07B1302		S07B132D		S07B1601	
		SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/11/93	
		DATE EXTRACTED -->	10/15/93		10/15/93		10/15/93		10/15/93		10/15/93			
		DATE ANALYZED --->	10/27/93		10/27/93		10/27/93		10/27/93		10/28/93			
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter		CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL
108-95-2	Phenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
95-57-8	2-Chlorophenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
106-46-7	1,4-Dichlorobenzene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
95-50-1	1,2-Dichlorobenzene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
95-48-7	2-Methylphenol (o-Cresol)		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)		NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
67-72-1	Hexachloroethane		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
98-95-3	Nitrobenzene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
78-59-1	Isophorone		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
88-75-5	2-Nitrophenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
105-67-9	2,4-Dimethylphenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
111-91-1	bis(2-Chloroethoxy)methane		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
120-83-2	2,4-Dichlorophenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene		630.	U	360.	U	460.	U	690.	U	700.	U	25.	J
91-20-3	Naphthalene		630.	U	360.	U	460.	U	690.	U	700.	U	340.	J
106-47-8	4-Chloroaniline		1300.	U	720.	U	920.	U	1400.	U	1400.	U	750.	U
87-68-3	Hexachlorobutadiene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
59-50-7	4-Chloro-3-methylphenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
91-57-6	2-Methylnaphthalene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
77-47-4	Hexachlorocyclopentadiene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
88-06-2	2,4,6-Trichlorophenol		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
95-95-4	2,4,5-Trichlorophenol		3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
91-58-7	2-Chloronaphthalene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
88-74-4	2-Nitroaniline		3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
131-11-3	Dimethyl phthalate		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
208-96-8	Acenaphthylene		630.	U	360.	U	460.	U	690.	U	700.	U	45.	J
606-20-2	2,6-Dinitrotoluene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
99-09-2	3-Nitroaniline		3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
83-32-9	Acenaphthene		630.	U	360.	U	460.	U	690.	U	700.	U	590.	
51-28-5	2,4-Dinitrophenol		3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
100-02-7	4-Nitrophenol		3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
132-64-9	Dibenzofuran		630.	U	360.	U	460.	U	690.	U	700.	U	240.	J
121-14-2	2,4-Dinitrotoluene		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
84-66-2	Diethylphthalate		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
7005-72-3	4-Chlorophenylphenylether		630.	U	360.	U	460.	U	690.	U	700.	U	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B112-93		007-S-B121-93		007-S-B131-93		007-S-B132-93		007-C-B132-93 D		007-S-B161-93	
	ORIGINAL ID ----->	S07B1102		S07B1201		S07B1301		S07B1302		S07B132D		S07B1601	
	LAB SAMPLE ID --->	S345716*11		S345716*12		S345716*13		S345716*14		S345716A*2		45733-3	
	ID FROM REPORT -->	S07B1102		S07B1201		S07B1301		S07B1302		S07B132D		S07B1601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/11/93	
	DATE EXTRACTED -->	10/15/93		10/15/93		10/15/93		10/15/93		10/15/93			
	DATE ANALYZED --->	10/27/93		10/27/93		10/27/93		10/27/93		10/28/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL
86-73-7	Fluorene	630.	U	360.	U	460.	U	690.	U	700.	U	580.	
100-01-6	4-Nitroaniline	3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
101-55-3	4-Bromophenyl-phenylether	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
118-74-1	Hexachlorobenzene	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
87-86-5	Pentachlorophenol	3300.	U	1900.	U	2400.	U	3500.	U	3600.	U	1900.	U
85-01-8	Phenanthrene	630.	U	38.	J	370.	J	690.	U	700.	U	3000.	
111-44-4	bis(2-Chloroethyl)ether	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
120-12-7	Anthracene	630.	U	360.	U	98.	J	690.	U	700.	U	760.	
86-74-8	Carbazole	630.	U	360.	U	460.	U	690.	U	700.	U	760.	
84-74-2	Di-n-butylphthalate	98.	J	360.	U	460.	U	690.	U	700.	U	370.	U
206-44-0	Fluoranthene	630.	U	110.	J	570.		80.	J	140.	J	3800.	
129-00-0	Pyrene	110.	J	110.	J	600.		160.	J	180.	J	3700.	
85-68-7	Butylbenzylphthalate	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
91-94-1	3,3'-Dichlorobenzidine	1300.	U	720.	U	920.	U	1400.	U	1400.	U	750.	U
56-55-3	Benzo(a)anthracene	630.	U	360.	U	310.	J	690.	U	700.	U	2200.	
218-01-9	Chrysene	54.	J	90.	J	360.	J	62.	J	83.	J	2000.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	630.	U	360.	U	460.	U	690.	U	700.	U	1600.	
117-84-0	Di-n-octyl phthalate	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
205-99-2	Benzo(b)fluoranthene	86.	J	120.	J	410.	J	89.	J	110.	J	3400.	
207-08-9	Benzo(k)fluoranthene	630.	U	360.	U	160.	J	690.	U	700.	U	1100.	
50-32-8	Benzo(a)pyrene	66.	J	68.	J	280.	J	72.	J	75.	J	2100.	
193-39-5	Indeno(1,2,3-cd)pyrene	630.	U	360.	U	180.	J	690.	U	700.	U	1300.	
53-70-3	Dibenz(a,h)anthracene	630.	U	360.	U	460.	U	690.	U	700.	U	280.	J
191-24-2	Benzo(g,h,i)perylene	630.	U	360.	U	180.	J	690.	U	700.	U	1200.	
106-44-5	4-Methylphenol (p-Cresol)	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U
541-73-1	1,3-Dichlorobenzene	630.	U	360.	U	460.	U	690.	U	700.	U	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B171-93		007-S-B181-93		007-S-B182-93		007-S-B191-93		007-C-B191-93 D		007-S-B211-93	
	ORIGINAL ID ----->	S07B1701		S07B1801		S07B1802		S07B1901		S07B1910		S07B2101	
	LAB SAMPLE ID --->	45733-4		45733-5		45733-6		45733-7		S345733A*1		45733-8	
	ID FROM REPORT -->	S07B1701		S07B1801		S07B1802		S07B1901		S07B1910		S07B2101	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->									10/15/93			
	DATE ANALYZED --->									10/27/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		ug/kg		ug/kg		ug/kg		ug/kg		UG/KG	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL
108-95-2	Phenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
95-57-8	2-Chlorophenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
106-46-7	1,4-Dichlorobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	280.	J
95-50-1	1,2-Dichlorobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
67-72-1	Hexachloroethane	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
98-95-3	Nitrobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
78-59-1	Isophorone	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
88-75-5	2-Nitrophenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
105-67-9	2,4-Dimethylphenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
120-83-2	2,4-Dichlorophenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	17000.	
91-20-3	Naphthalene	410.	U	360.	U	44.	J	290.	J	1300.		1800.	U
106-47-8	4-Chloroaniline	810.	U	720.	U	1000.	U	800.	U	1600.	U	3600.	U
87-68-3	Hexachlorobutadiene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
91-57-6	2-Methylnaphthalene	410.	U	360.	U	510.	U	400.	U	470.	J	1800.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
95-95-4	2,4,5-Trichlorophenol	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
91-58-7	2-Chloronaphthalene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
88-74-4	2-Nitroaniline	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
131-11-3	Dimethyl phthalate	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
208-96-8	Acenaphthylene	410.	U	39.	J	510.	U	400.	U	94.	J	1800.	U
606-20-2	2,6-Dinitrotoluene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
99-09-2	3-Nitroaniline	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
83-32-9	Acenaphthene	410.	U	360.	U	510.	U	480.		1800.		1800.	U
51-28-5	2,4-Dinitrophenol	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
100-02-7	4-Nitrophenol	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
132-64-9	Dibenzofuran	410.	U	360.	U	510.	U	210.	J	740.	J	1800.	U
121-14-2	2,4-Dinitrotoluene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
84-66-2	Diethylphthalate	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B171-93		007-S-B181-93		007-S-B182-93		007-S-B191-93		007-C-B191-93 D		007-S-B211-93	
	ORIGINAL ID ----->	S07B1701		S07B1801		S07B1802		S07B1901		S07B191D		S07B2101	
	LAB SAMPLE ID --->	45733-4		45733-5		45733-6		45733-7		S345733A*1		45733-8	
	ID FROM REPORT -->	S07B1701		S07B1801		S07B1802		S07B1901		S07B191D		S07B2101	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->									10/15/93			
	DATE ANALYZED --->									10/27/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		ug/kg		ug/kg		ug/kg		ug/kg		UG/KG	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL
86-73-7	Fluorene	410.	U	360.	U	510.	U	450.		1400.		1800.	U
100-01-6	4-Nitroaniline	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
118-74-1	Hexachlorobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
87-86-5	Pentachlorophenol	2100.	U	1900.	U	2600.	U	2100.	U	4100.	U	9200.	U
85-01-8	Phenanthrene	410.	U	320.	J	110.	J	2200.		6600.		900.	J
111-44-4	bis(2-Chloroethyl)ether	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
120-12-7	Anthracene	410.	U	97.	J	61.	J	760.		2400.		190.	J
86-74-8	Carbazole	410.	U	160.	J	510.	U	460.	J	1300.		1800.	U
84-74-2	Di-n-butylphthalate	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
206-44-0	Fluoranthene	110.	J	1500.		330.	J	3000.		7800.		3300.	
129-00-0	Pyrene	85.	J	1200.		310.	J	2600.		6800.		3900.	
85-68-7	Butylbenzylphthalate	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U	720.	U	1000.	U	800.	U	1600.	U	3600.	U
56-55-3	Benzo(a)anthracene	410.	U	280.	J	230.	J	1200.		3800.		960.	J
218-01-9	Chrysene	63.	J	670.		310.	J	1200.		3800.		1600.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
117-84-0	Di-n-octyl phthalate	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
205-99-2	Benzo(b)fluoranthene	71.	J	830.		320.	J	1700.		4400.		2000.	
207-08-9	Benzo(k)fluoranthene	410.	U	260.	J	120.	J	650.		1300.		540.	J
50-32-8	Benzo(a)pyrene	410.	U	240.	J	220.	J	1100.		2900.		970.	J
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U	210.	J	120.	J	580.		1500.		970.	J
53-70-3	Dibenz(a,h)anthracene	410.	U	54.	J	510.	U	160.	J	410.	J	250.	J
191-24-2	Benzo(g,h,i)perylene	410.	U	180.	J	130.	J	520.		1300.		1100.	J
106-44-5	4-Methylphenol (p-Cresol)	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U
541-73-1	1,3-Dichlorobenzene	410.	U	360.	U	510.	U	400.	U	800.	U	1800.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B221-93		007-S-B222-93		007-S-B231-93		007-C-B231-93 D		007-S-B241-93		007-S-B242-93	
	ORIGINAL ID ----->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	LAB SAMPLE ID --->	45733-9		45733-10		45733-11		S345733A*2		45733-12		45733-1	
	ID FROM REPORT -->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->							10/15/93					
	DATE ANALYZED --->							10/25/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
108-95-2	Phenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
95-57-8	2-Chlorophenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
106-46-7	1,4-Dichlorobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
95-50-1	1,2-Dichlorobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
95-48-7	2-Methylphenol (o-Cresol)	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
67-72-1	Hexachloroethane	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
98-95-3	Nitrobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
78-59-1	Isophorone	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
88-75-5	2-Nitrophenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
105-67-9	2,4-Dimethylphenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
111-91-1	bis(2-Chloroethoxy)methane	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
120-83-2	2,4-Dichlorophenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
91-20-3	Naphthalene	350.	U	690.	U	290.	J	200.	J	360.	U	670.	U
106-47-8	4-Chloroaniline	700.	U	1400.	U	760.	U	720.	U	730.	U	1300.	U
87-68-3	Hexachlorobutadiene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
59-50-7	4-Chloro-3-methylphenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
91-57-6	2-Methylnaphthalene	350.	U	690.	U	310.	J	210.	J	360.	U	670.	U
77-47-4	Hexachlorocyclopentadiene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
88-06-2	2,4,6-Trichlorophenol	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
91-58-7	2-Chloronaphthalene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
88-74-4	2-Nitroaniline	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
131-11-3	Dimethyl phthalate	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
208-96-8	Acenaphthylene	350.	U	690.	U	94.	J	51.	J	360.	U	670.	U
606-20-2	2,6-Dinitrotoluene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
99-09-2	3-Nitroaniline	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
83-32-9	Acenaphthene	350.	U	690.	U	540.		480.		360.	U	670.	U
51-28-5	2,4-Dinitrophenol	1800.	U	3500.	U	2000.	U	1800.	UJ	1900.	U	3500.	U
100-02-7	4-Nitrophenol	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
132-64-9	Dibenzofuran	350.	U	690.	U	240.	J	190.	J	360.	U	670.	U
121-14-2	2,4-Dinitrotoluene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
84-66-2	Diethylphthalate	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
7005-72-3	4-Chlorophenylphenylether	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B221-93		007-S-B222-93		007-S-B231-93		007-C-B231-93 D		007-S-B241-93		007-S-B242-93	
	ORIGINAL ID ----->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	LAB SAMPLE ID --->	45733-9		45733-10		45733-11		S345733A*2		45733-12		45733-1	
	ID FROM REPORT -->	S07B2201		S07B2202		S07B2301		S07B231D		S07B2401		S07B2402	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE EXTRACTED -->							10/15/93					
	DATE ANALYZED --->							10/25/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
86-73-7	Fluorene	350.	U	690.	U	720.		530.		360.	U	670.	U
100-01-6	4-Nitroaniline	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	3500.	U	2000.	U	1800.	UJ	1900.	U	3500.	U
86-30-6	N-Nitrosodiphenylamine	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
101-55-3	4-Bromophenyl-phenylether	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
118-74-1	Hexachlorobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
87-86-5	Pentachlorophenol	1800.	U	3500.	U	2000.	U	1800.	U	1900.	U	3500.	U
85-01-8	Phenanthrene	190.	J	690.	U	2300.		2800.		250.	J	670.	U
111-44-4	bis(2-Chloroethyl)ether	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
120-12-7	Anthracene	40.	J	690.	U	680.		750.		72.	J	670.	U
86-74-8	Carbazole	350.	U	690.	U	460.		280.	J	230.	J	670.	U
84-74-2	Di-n-butylphthalate	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
206-44-0	Fluoranthene	650.		85.	J	1800.		3000.		540.		150.	J
129-00-0	Pyrene	590.		160.	J	3000.		4500.		630.		200.	J
85-68-7	Butylbenzylphthalate	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
91-94-1	3,3'-Dichlorobenzidine	700.	U	1400.	U	760.	U	720.	U	730.	U	1300.	U
56-55-3	Benzo(a)anthracene	180.	J	84.	J	920.		1600.		330.	J	670.	U
218-01-9	Chrysene	310.	J	690.	U	1100.		1400.		380.		670.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	350.	U	690.	U	460.		160.	J	360.	U	670.	U
117-84-0	Di-n-octyl phthalate	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
205-99-2	Benzo(b)fluoranthene	480.		120.	J	1100.		1800.		600.		100.	J
207-08-9	Benzo(k)fluoranthene	150.	J	690.	U	170.	J	550.		360.	U	670.	U
50-32-8	Benzo(a)pyrene	210.	J	100.	J	360.	J	1200.		200.	J	81.	J
193-39-5	Indeno(1,2,3-cd)pyrene	130.	J	690.	U	740.		680.		350.	J	670.	U
53-70-3	Dibenz(a,h)anthracene	350.	U	690.	U	430.		170.	J	250.	J	670.	U
191-24-2	Benzo(g,h,i)perylene	110.	J	690.	U	130.	J	730.		70.	J	670.	U
106-44-5	4-Methylphenol (p-Cresol)	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U
541-73-1	1,3-Dichlorobenzene	350.	U	690.	U	380.	U	360.	U	360.	U	670.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B271-93		007-S-B281-93		007-C-B281-93 D		007-S-B291-93		007-S-B301-93		007-S-B302-93	
	ORIGINAL ID ----->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	LAB SAMPLE ID --->	45733-2		S345784*1		S345784A*1		S345784*2		S345784*3		S345784*4	
	ID FROM REPORT -->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	SAMPLE DATE ----->	10/11/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->			10/18/93		10/15/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->			10/28/93		10/26/93		10/28/93		11/05/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
108-95-2	Phenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
95-57-8	2-Chlorophenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
106-46-7	1,4-Dichlorobenzene	10000.	J	390.	U	400.	U	360.	U	3700.	U	720.	U
95-50-1	1,2-Dichlorobenzene	9200.	J	390.	U	400.	U	360.	U	3700.	U	720.	U
95-48-7	2-Methylphenol (o-Cresol)	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
67-72-1	Hexachloroethane	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
98-95-3	Nitrobenzene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
78-59-1	Isophorone	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
88-75-5	2-Nitrophenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
105-67-9	2,4-Dimethylphenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
111-91-1	bis(2-Chloroethoxy)methane	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
120-83-2	2,4-Dichlorophenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
120-82-1	1,2,4-Trichlorobenzene	7400.	J	390.	U	400.	U	360.	U	3700.	U	720.	U
91-20-3	Naphthalene	38000.	U	390.	U	65.	J	360.	U	16000.		720.	U
106-47-8	4-Chloroaniline	75000.	U	780.	U	800.	U	720.	U	7400.	U	1400.	U
87-68-3	Hexachlorobutadiene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
59-50-7	4-Chloro-3-methylphenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
91-57-6	2-Methylnaphthalene	38000.	U	55.	J	60.	J	360.	U	15000.		720.	U
77-47-4	Hexachlorocyclopentadiene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
88-06-2	2,4,6-Trichlorophenol	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
95-95-4	2,4,5-Trichlorophenol	190000.	U	2000.	U	2000.	U	1800.	U	19000.	U	3700.	U
91-58-7	2-Chloronaphthalene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
88-74-4	2-Nitroaniline	190000.	U	2000.	U	2000.	U	1800.	U	19000.	U	3700.	U
131-11-3	Dimethyl phthalate	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
208-96-8	Acenaphthylene	38000.	U	290.	J	97.	J	360.	U	11000.		720.	U
606-20-2	2,6-Dinitrotoluene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
99-09-2	3-Nitroaniline	190000.	U	2000.	U	2000.	U	1800.	U	19000.	U	3700.	U
83-32-9	Acenaphthene	38000.	U	390.	U	400.	U	74.	J	3400.	J	720.	U
51-28-5	2,4-Dinitrophenol	190000.	U	2000.	U	2000.	UJ	1800.	U	19000.	U	3700.	U
100-02-7	4-Nitrophenol	190000.	U	2000.	U	2000.	U	1800.	U	19000.	U	3700.	U
132-64-9	Dibenzofuran	380000.	U	41.	J	38.	J	360.	U	7900.		720.	U
121-14-2	2,4-Dinitrotoluene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
84-66-2	Diethylphthalate	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
7005-72-3	4-Chlorophenylphenylether	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B271-93		007-S-B281-93		007-C-B281-93 D		007-S-B291-93		007-S-B301-93		007-S-B302-93	
	ORIGINAL ID ----->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	LAB SAMPLE ID --->	45733-2		S345784*1		S345784A*1		S345784*2		S345784*3		S345784*4	
	ID FROM REPORT -->	S07B2701		S07B2801		S07B281D		S07B2901		S07B3001		S07B3002	
	SAMPLE DATE ----->	10/11/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->			10/18/93		10/15/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->			10/28/93		10/26/93		10/28/93		11/05/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
86-73-7	Fluorene	38000.	U	58.	J	400.	U	64.	J	14000.		720.	U
100-01-6	4-Nitroaniline	190000.	U	2000.	U	2000.	U	1800.	U	19000.	U	3700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	190000.	U	2000.	U	2000.	UJ	1800.	U	19000.	U	3700.	U
86-30-6	N-Nitrosodiphenylamine	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
101-55-3	4-Bromophenyl-phenylether	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
118-74-1	Hexachlorobenzene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
87-86-5	Pentachlorophenol	340000.	U	2000.	U	2000.	U	650.	J	19000.	U	3700.	U
85-01-8	Phenanthrene	18000.	J	1000.		620.		560.		30000.		89.	J
111-44-4	bis(2-Chloroethyl)ether	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
120-12-7	Anthracene	38000.	U	220.	J	112.	J	140.	J	14000.		720.	U
86-74-8	Carbazole	38000.	U	150.	J	92.	J	80.	J	4800.		720.	U
84-74-2	Di-n-butylphthalate	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
206-44-0	Fluoranthene	24000.	J	3000.		1700.		1000.		21000.		160.	J
129-00-0	Pyrene	23000.	J	3200.		2000.		1400.		30000.		400.	J
85-68-7	Butylbenzylphthalate	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
91-94-1	3,3'-Dichlorobenzidine	75000.	U	780.	U	800.	U	720.	U	7400.	U	1400.	U
56-55-3	Benzo(a)anthracene	38000.	U	1600.		900.		480.		14000.		720.	U
218-01-9	Chrysene	9600.	J	3100.		1700.		580.		11000.		720.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
117-84-0	Di-n-octyl phthalate	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
205-99-2	Benzo(b)fluoranthene	13000.	J	5000.		3500.		950.		12000.		160.	J
207-08-9	Benzo(k)fluoranthene	38000.	U	1700.		1300.		360.	J	5200.		720.	U
50-32-8	Benzo(a)pyrene	6400.	J	2500.		1600.		590.		10000.		110.	J
193-39-5	Indeno(1,2,3-cd)pyrene	6000.	J	2400.		1300.		500.		3600.	J	720.	U
53-70-3	Dibenz(a,h)anthracene	38000.	U	850.		300.	J	112.	J	1300.	J	720.	U
191-24-2	Benzo(g,h,i)perylene	38000.	U	2400.		1300.		520.		3100.	J	720.	U
106-44-5	4-Methylphenol (p-Cresol)	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U
541-73-1	1,3-Dichlorobenzene	38000.	U	390.	U	400.	U	360.	U	3700.	U	720.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B311-93		007-S-B321-93		007-S-B331-93		007-S-B341-93		007-C-B341-93 D		007-S-B342-93	
	ORIGINAL ID ----->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	LAB SAMPLE ID --->	S345784*5		S345784*6		S345784*7		S345784*8		S345784A*2		S345784*9	
	ID FROM REPORT -->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/18/93		10/18/93		10/18/93		10/18/93		10/15/93		10/18/93	
	DATE ANALYZED --->	10/29/93		10/29/93		10/29/93		11/01/93		10/26/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL
108-95-2	Phenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
95-57-8	2-Chlorophenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
106-46-7	1,4-Dichlorobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
95-50-1	1,2-Dichlorobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
67-72-1	Hexachloroethane	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
98-95-3	Nitrobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
78-59-1	Isophorone	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
88-75-5	2-Nitrophenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
105-67-9	2,4-Dimethylphenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
120-83-2	2,4-Dichlorophenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
91-20-3	Naphthalene	240.	J	380.	U	380.	U	730.	U	380.	U	580.	U
106-47-8	4-Chloroaniline	770.	U	770.	U	770.	U	1400.	U	770.	U	1200.	U
87-68-3	Hexachlorobutadiene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
91-57-6	2-Methylnaphthalene	300.	J	380.	U	380.	U	730.	U	380.	U	580.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
91-58-7	2-Chloronaphthalene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
88-74-4	2-Nitroaniline	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
131-11-3	Dimethyl phthalate	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
208-96-8	Acenaphthylene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
606-20-2	2,6-Dinitrotoluene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
99-09-2	3-Nitroaniline	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
83-32-9	Acenaphthene	260.	J	380.	U	380.	U	66.	J	380.	U	580.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2000.	U	2000.	U	3800.	U	2000.	UJ	3000.	U
100-02-7	4-Nitrophenol	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
132-64-9	Dibenzofuran	150.	J	380.	U	380.	U	730.	U	380.	U	580.	U
121-14-2	2,4-Dinitrotoluene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
84-66-2	Diethylphthalate	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	007-S-B311-93		007-S-B321-93		007-S-B331-93		007-S-B341-93		007-C-B341-93 D		007-S-B342-93	
	ORIGINAL ID ----->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	LAB SAMPLE ID --->	S345784*5		S345784*6		S345784*7		S345784*8		S345784A*2		S345784*9	
	ID FROM REPORT -->	S07B3101		S07B3201		S07B3301		S07B3401		S07B341D		S07B3402	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/18/93		10/18/93		10/18/93		10/18/93		10/15/93		10/18/93	
	DATE ANALYZED --->	10/29/93		10/29/93		10/29/93		11/01/93		10/26/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL
86-73-7	Fluorene	170.	J	380.	U	380.	U	88.	J	380.	U	580.	U
100-01-6	4-Nitroaniline	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2000.	U	2000.	U	3800.	U	2000.	UJ	3000.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
118-74-1	Hexachlorobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
87-86-5	Pentachlorophenol	2000.	U	2000.	U	2000.	U	3800.	U	2000.	U	3000.	U
85-01-8	Phenanthrene	400.		380.	U	380.	U	700.	J	280.	J	580.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
120-12-7	Anthracene	78.	J	380.	U	380.	U	170.	J	54.	J	580.	U
86-74-8	Carbazole	64.	J	380.	U	380.	U	93.	J	380.	U	580.	U
84-74-2	Di-n-butylphthalate	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
206-44-0	Fluoranthene	440.		380.	U	380.	U	920.		420.		170.	J
129-00-0	Pyrene	750.		380.	U	380.	U	1000.		570.		320.	J
85-68-7	Butylbenzylphthalate	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U	770.	U	770.	U	1400.	U	770.	U	1200.	U
56-55-3	Benzo(a)anthracene	180.	J	380.	U	380.	U	730.	U	200.	J	580.	U
218-01-9	Chrysene	200.	J	380.	U	380.	U	440.	J	210.	J	130.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	380.	U	380.	U	110.	J	380.	U	580.	U
117-84-0	Di-n-octyl phthalate	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
205-99-2	Benzo(b)fluoranthene	360.	J	380.	U	380.	U	590.	J	320.	J	190.	J
207-08-9	Benzo(k)fluoranthene	130.	J	380.	U	380.	U	230.	J	120.	J	88.	J
50-32-8	Benzo(a)pyrene	220.	J	380.	U	380.	U	400.	J	230.	J	170.	J
193-39-5	Indeno(1,2,3-cd)pyrene	140.	J	380.	U	380.	U	280.	J	380.	U	88.	J
53-70-3	Dibenz(a,h)anthracene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
191-24-2	Benzo(g,h,i)perylene	120.	J	380.	U	380.	U	280.	J	110.	J	580.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U
541-73-1	1,3-Dichlorobenzene	390.	U	380.	U	380.	U	730.	U	380.	U	580.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA											
	SAMPLE ID ------->	007-S-B351-93		007-S-B361-93		007-S-B362-93		007-S-B371-93		007-S-B372-93	
	ORIGINAL ID ----->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	LAB SAMPLE ID --->	S345868*1		S345784*10		S345784*11		S345784*12		S345784*13	
	ID FROM REPORT -->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	SAMPLE DATE ----->	10/18/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/22/93		10/18/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->	10/27/93		10/28/93		10/28/93		11/01/93		10/28/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
108-95-2	Phenol	750.	U	380.	U	670.	U	730.	U	370.	U
95-57-8	2-Chlorophenol	750.	U	380.	U	670.	U	730.	U	370.	U
106-46-7	1,4-Dichlorobenzene	750.	U	380.	U	670.	U	730.	U	370.	U
95-50-1	1,2-Dichlorobenzene	750.	U	380.	U	670.	U	730.	U	370.	U
95-48-7	2-Methylphenol (o-Cresol)	750.	U	380.	U	670.	U	730.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	750.	U	380.	U	670.	U	730.	U	370.	U
67-72-1	Hexachloroethane	750.	U	380.	U	670.	U	730.	U	370.	U
98-95-3	Nitrobenzene	750.	U	380.	U	670.	U	730.	U	370.	U
78-59-1	Isophorone	750.	U	380.	U	670.	U	730.	U	370.	U
88-75-5	2-Nitrophenol	750.	U	380.	U	670.	U	730.	U	370.	U
105-67-9	2,4-Dimethylphenol	750.	U	380.	U	670.	U	730.	U	370.	U
111-91-1	bis(2-Chloroethoxy)methane	750.	U	380.	U	670.	U	730.	U	370.	U
120-83-2	2,4-Dichlorophenol	750.	U	380.	U	670.	U	730.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	750.	U	380.	U	670.	U	730.	U	370.	U
91-20-3	Naphthalene	750.	U	380.	U	670.	U	730.	U	370.	U
106-47-8	4-Chloroaniline	1500.	U	750.	U	1300.	U	1400.	U	740.	U
87-68-3	Hexachlorobutadiene	750.	U	380.	U	670.	U	730.	U	370.	U
59-50-7	4-Chloro-3-methylphenol	750.	U	380.	U	670.	U	730.	U	370.	U
91-57-6	2-Methylnaphthalene	750.	U	380.	U	670.	U	730.	U	370.	U
77-47-4	Hexachlorocyclopentadiene	750.	U	380.	U	670.	U	730.	U	370.	U
88-06-2	2,4,6-Trichlorophenol	750.	U	380.	U	670.	U	730.	U	370.	U
95-95-4	2,4,5-Trichlorophenol	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
91-58-7	2-Chloronaphthalene	750.	U	380.	U	670.	U	730.	U	370.	U
88-74-4	2-Nitroaniline	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
131-11-3	Dimethyl phthalate	750.	U	380.	U	670.	U	730.	U	370.	U
208-96-8	Acenaphthylene	750.	U	380.	U	670.	U	730.	U	370.	U
606-20-2	2,6-Dinitrotoluene	750.	U	380.	U	670.	U	730.	U	370.	U
99-09-2	3-Nitroaniline	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
83-32-9	Acenaphthene	750.	U	380.	U	670.	U	69.	J	370.	U
51-28-5	2,4-Dinitrophenol	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
100-02-7	4-Nitrophenol	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
132-64-9	Dibenzofuran	750.	U	380.	U	670.	U	730.	U	370.	U
121-14-2	2,4-Dinitrotoluene	750.	U	380.	U	670.	U	730.	U	370.	U
84-66-2	Diethylphthalate	750.	U	380.	U	670.	U	730.	U	370.	U
7005-72-3	4-Chlorophenylphenylether	750.	U	380.	U	670.	U	730.	U	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

SVOA											
	SAMPLE ID ------->	007-S-B351-93		007-S-B361-93		007-S-B362-93		007-S-B371-93		007-S-B372-93	
	ORIGINAL ID ----->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	LAB SAMPLE ID --->	S345868*1		S345784*10		S345784*11		S345784*12		S345784*13	
	ID FROM REPORT -->	S07B3501		S07B3601		S07B3602		S07B3701		S07B3702	
	SAMPLE DATE ----->	10/18/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE EXTRACTED -->	10/22/93		10/18/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->	10/27/93		10/28/93		10/28/93		11/01/93		10/28/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
86-73-7	Fluorene	750.	U	380.	U	670.	U	730.	U	370.	U
100-01-6	4-Nitroaniline	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	750.	U	380.	U	670.	U	730.	U	370.	U
101-55-3	4-Bromophenyl-phenylether	750.	U	380.	U	670.	U	730.	U	370.	U
118-74-1	Hexachlorobenzene	750.	U	380.	U	670.	U	730.	U	370.	U
87-86-5	Pentachlorophenol	3900.	U	1900.	U	3400.	U	3800.	U	1900.	U
85-01-8	Phenanthrene	64.	J	66.	J	670.	U	1400.		370.	U
111-44-4	bis(2-Chloroethyl)ether	750.	U	380.	U	670.	U	730.	U	370.	U
120-12-7	Anthracene	750.	U	380.	U	670.	U	490.	J	370.	U
86-74-8	Carbazole	750.	U	380.	U	670.	U	83.	J	370.	U
84-74-2	Di-n-butylphthalate	750.	U	380.	U	670.	U	730.	U	370.	U
206-44-0	Fluoranthene	250.	J	230.	J	250.	J	4600.		73.	J
129-00-0	Pyrene	390.	J	310.	J	660.	J	5400.		150.	J
85-68-7	Butylbenzylphthalate	750.	U	380.	U	670.	U	730.	U	370.	U
91-94-1	3,3'-Dichlorobenzidine	1500.	U	750.	U	1300.	U	1400.	U	740.	U
56-55-3	Benzo(a)anthracene	160.	J	210.	J	670.	U	4500.		370.	U
218-01-9	Chrysene	130.	J	260.	J	150.	J	4200.		66.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	750.	U	51.	J	670.	U	730.	U	370.	U
117-84-0	Di-n-octyl phthalate	750.	U	380.	U	670.	U	730.	U	370.	U
205-99-2	Benzo(b)fluoranthene	230.	J	400.	J	360.	J	5500.		86.	J
207-08-9	Benzo(k)fluoranthene	750.	U	160.	J	150.	J	1400.		27.	J
50-32-8	Benzo(a)pyrene	160.	J	210.	J	300.	J	4200.		63.	J
193-39-5	Indeno(1,2,3-cd)pyrene	750.	U	160.	J	180.	J	2100.		59.	J
53-70-3	Dibenz(a,h)anthracene	750.	U	380.	U	670.	U	670.	J	370.	U
191-24-2	Benzo(g,h,i)perylene	750.	U	140.	J	200.	J	1700.		89.	J
106-44-5	4-Methylphenol (p-Cresol)	750.	U	380.	U	670.	U	730.	U	370.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	750.	U	380.	U	670.	U	730.	U	370.	U
541-73-1	1,3-Dichlorobenzene	750.	U	380.	U	670.	U	730.	U	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B031-93		007-C-B031-93 D		007-S-B032-93		007-S-B041-93		007-S-B051-93		007-S-B061-93	
	ORIGINAL ID ----->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	LAB SAMPLE ID --->	S345716*1		S345716A*1		S345716*2		S345716*3		S345716*4		S345716*5	
	ID FROM REPORT -->	S07B0301		S07B031D		S07B0302		S07B0401		S07B0501		S07B0601	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE ANALYZED --->	10/21/93		10/20/93		10/21/93		10/21/93		10/22/93		10/22/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS08	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL
74-87-3	Chloromethane	12.	U	11.	U	18.	U	11.	U	11.	U	13.	U
74-83-9	Bromomethane	12.	U	11.	U	18.	U	11.	U	11.	U	13.	U
75-01-4	Vinyl chloride	12.	U	11.	U	18.	U	11.	U	11.	U	13.	U
75-00-3	Chloroethane	12.	U	11.	U	18.	U	11.	U	11.	U	13.	U
75-09-2	Methylene chloride	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
67-64-1	Acetone	61.	U	56.	U	89.	U	57.	U	56.	U	66.	U
75-15-0	Carbon disulfide	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
75-35-4	1,1-Dichloroethene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
75-34-3	1,1-Dichloroethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
67-66-3	Chloroform	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
107-06-2	1,2-Dichloroethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
78-93-3	2-Butanone (MEK)	61.	U	56.	U	89.	U	57.	U	56.	U	66.	U
71-55-6	1,1,1-Trichloroethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
56-23-5	Carbon tetrachloride	6.1	U	5.6	UJ	8.9	U	5.7	U	5.6	U	6.6	U
75-27-4	Bromodichloromethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
78-87-5	1,2-Dichloropropane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
79-01-6	Trichloroethene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
124-48-1	Dibromochloromethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
79-00-5	1,1,2-Trichloroethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
71-43-2	Benzene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
10061-02-6	trans-1,3-Dichloropropene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
75-25-2	Bromoform	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	61.	U	56.	U	89.	U	57.	U	56.	U	66.	U
591-78-6	2-Hexanone	61.	U	56.	U	89.	U	57.	U	56.	U	66.	U
127-18-4	Tetrachloroethene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
108-88-3	Toluene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
108-90-7	Chlorobenzene	6.1	U	5.6	U	8.9	U	8.3		5.6	U	6.6	U
100-41-4	Ethylbenzene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
100-42-5	Styrene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
1330-20-7	Xylene (Total)	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
156-59-2	cis-1,2-Dichloroethene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
156-60-5	trans-1,2-Dichloroethene	6.1	U	5.6	U	8.9	U	5.7	U	5.6	U	6.6	U
108-05-4	Vinyl acetate	12.	U	11.	U	18.	U	11.	U	11.	U	13.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B071-93		007-S-B081-93		007-S-B091-93		007-S-B101-93		007-S-B111-93		007-S-B112-93	
	ORIGINAL ID ----->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	LAB SAMPLE ID --->	S345716*6		S345716*7		S345716*8		S345716*9		S345716*10		S345716*11	
	ID FROM REPORT -->	S07B0701		S07B0801		S07B0901		S07B1001		S07B1101		S07B1102	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	DATE ANALYZED --->	10/23/93		10/22/93		10/23/93		10/22/93		10/22/93		10/23/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS09	VAL	CNS10	VAL
74-87-3	Chloromethane	12.	U	12.	U	1400.	U	12.	U	11.	U	38.	U
74-83-9	Bromomethane	12.	U	12.	U	1400.	U	12.	U	11.	U	38.	U
75-01-4	Vinyl chloride	12.	U	12.	U	1400.	U	12.	U	11.	U	38.	U
75-00-3	Chloroethane	12.	U	12.	U	1400.	U	12.	U	11.	U	38.	U
75-09-2	Methylene chloride	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
67-64-1	Acetone	62.	U	59.	U	2100.	J	62.	U	53.	U	190.	U
75-15-0	Carbon disulfide	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
75-35-4	1,1-Dichloroethene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
75-34-3	1,1-Dichloroethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
67-66-3	Chloroform	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
107-06-2	1,2-Dichloroethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
78-93-3	2-Butanone (MEK)	62.	U	59.	U	7100.	U	62.	U	53.	U	190.	U
71-55-6	1,1,1-Trichloroethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
56-23-5	Carbon tetrachloride	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
75-27-4	Bromodichloromethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
78-87-5	1,2-Dichloropropane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
79-01-6	Trichloroethene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
124-48-1	Dibromochloromethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
79-00-5	1,1,2-Trichloroethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
71-43-2	Benzene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
10061-02-6	trans-1,3-Dichloropropene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
75-25-2	Bromoform	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	62.	U	59.	U	7100.	U	62.	U	53.	U	190.	U
591-78-6	2-Hexanone	62.	U	59.	U	7100.	U	6.2	U	53.	U	190.	U
127-18-4	Tetrachloroethene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
108-88-3	Toluene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
108-90-7	Chlorobenzene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	86.	
100-41-4	Ethylbenzene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
100-42-5	Styrene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
1330-20-7	Xylene (Total)	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
156-59-2	cis-1,2-Dichloroethene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
156-60-5	trans-1,2-Dichloroethene	6.2	U	5.9	U	710.	U	6.2	U	5.3	U	19.	U
108-05-4	Vinyl acetate	12.	U	12.	U	1400.	U	12.	U	11.	U	38.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B121-93		007-S-B131-93		007-S-B132-93		007-C-B132-93 D		007-S-B161-93		007-S-B171-93	
	ORIGINAL ID ----->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	LAB SAMPLE ID --->	S345716*12		S345716*13		S345716*14		S345716A*2		45733-3		45733-4	
	ID FROM REPORT -->	S07B1201		S07B1301		S07B1302		S07B132D		S07B1601		S07B1701	
	SAMPLE DATE ----->	10/09/93		10/09/93		10/09/93		10/09/93		10/11/93		10/11/93	
	DATE ANALYZED --->	10/22/93		10/21/93		10/23/93		10/21/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
74-87-3	Chloromethane	11.	U	14.	U	21.	U	21.	U	11.	U	12.	U
74-83-9	Bromomethane	11.	U	14.	U	21.	U	21.	U	11.	U	12.	U
75-01-4	Vinyl chloride	11.	U	14.	U	21.	U	21.	U	11.	U	12.	U
75-00-3	Chloroethane	11.	U	14.	U	21.	U	21.	U	11.	U	12.	U
75-09-2	Methylene chloride	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
67-64-1	Acetone	55.	U	69.	U	200.		110.	U	57.	U	62.	U
75-15-0	Carbon disulfide	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
75-35-4	1,1-Dichloroethene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
75-34-3	1,1-Dichloroethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
67-66-3	Chloroform	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
107-06-2	1,2-Dichloroethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
78-93-3	2-Butanone (MEK)	55.	U	69.	U	100.	U	110.	U	57.	U	62.	U
71-55-6	1,1,1-Trichloroethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
56-23-5	Carbon tetrachloride	5.5	U	6.9	U	10.	U	11.	UJ	5.7	U	6.2	U
75-27-4	Bromodichloromethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
78-87-5	1,2-Dichloropropane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
79-01-6	Trichloroethene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
124-48-1	Dibromochloromethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
79-00-5	1,1,2-Trichloroethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
71-43-2	Benzene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
75-25-2	Bromoform	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	55.	U	69.	U	100.	U	110.	U	57.	U	62.	U
591-78-6	2-Hexanone	55.	U	69.	U	100.	U	110.	U	5.7	U	62.	U
127-18-4	Tetrachloroethene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
108-88-3	Toluene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
108-90-7	Chlorobenzene	5.5	U	6.9	U	10.	U	11.	U	13.		14.	
100-41-4	Ethylbenzene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
100-42-5	Styrene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
1330-20-7	Xylene (Total)	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
156-59-2	cis-1,2-Dichloroethene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	6.9	U	10.	U	11.	U	5.7	U	6.2	U
108-05-4	Vinyl acetate	11.	U	14.	U	21.	U	21.	U	11.	U	12.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B181-93		007-S-B182-93		007-S-B191-93		007-C-B191-93 D		007-S-B211-93		007-S-B221-93	
	ORIGINAL ID ----->	S07B1801		S07B1802		S07B1901		S07B191D		S07B2101		S07B2201	
	LAB SAMPLE ID --->	45733-5		45733-6		45733-7		S345733A*1		45733-8		45733-9	
	ID FROM REPORT -->	S07B1801		S07B1802		S07B1901		S07B191D		S07B2101		S07B2201	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE ANALYZED --->							10/22/93					
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL
74-87-3	Chloromethane	11.	U	15.	U	12.	U	12.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	15.	U	12.	U	12.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	U	15.	U	12.	U	12.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	15.	U	12.	U	12.	U	11.	U	11.	U
75-09-2	Methylene chloride	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
67-64-1	Acetone	55.	U	310.		61.	U	60.	U	54.	U	53.	U
75-15-0	Carbon disulfide	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
75-35-4	1,1-Dichloroethene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
75-34-3	1,1-Dichloroethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
67-66-3	Chloroform	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
107-06-2	1,2-Dichloroethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
78-93-3	2-Butanone (MEK)	55.	U	77.	U	61.	U	60.	UR	54.	U	53.	U
71-55-6	1,1,1-Trichloroethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
56-23-5	Carbon tetrachloride	5.5	U	7.7	U	6.1	U	6.	UJ	5.4	U	5.3	U
75-27-4	Bromodichloromethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
78-87-5	1,2-Dichloropropane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
79-01-6	Trichloroethene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
124-48-1	Dibromochloromethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
79-00-5	1,1,2-Trichloroethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
71-43-2	Benzene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
10061-02-6	trans-1,3-Dichloropropene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
75-25-2	Bromoform	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	55.	U	77.	U	61.	U	60.	U	54.	U	53.	U
591-78-6	2-Hexanone	55.	U	77.	U	61.	U	60.	U	54.	U	53.	U
127-18-4	Tetrachloroethene	11.		7.7	U	6.1	U	6.	U	5.4	U	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
108-88-3	Toluene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
108-90-7	Chlorobenzene	17.		18.		19.		17.		10.		87.	
100-41-4	Ethylbenzene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
100-42-5	Styrene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
1330-20-7	Xylene (Total)	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
156-59-2	cis-1,2-Dichloroethene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
156-60-5	trans-1,2-Dichloroethene	5.5	U	7.7	U	6.1	U	6.	U	5.4	U	5.3	U
108-05-4	Vinyl acetate	11.	U	15.	U	12.	U	12.	U	11.	U	11.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B222-93		007-S-B231-93		007-C-B231-93 D		007-S-B241-93		007-S-B242-93		007-S-B271-93	
	ORIGINAL ID ----->	S07B2202		S07B2301		S07B231D		S07B2401		S07B2402		S07B2701	
	LAB SAMPLE ID --->	45733-10		45733-11		S345733A*2		45733-12		45733-1		45733-2	
	ID FROM REPORT -->	S07B2202		S07B2301		S07B231D		S07B2401		S07B2402		S07B2701	
	SAMPLE DATE ----->	10/11/93		10/11/93		10/11/93		10/11/93		10/11/93		10/11/93	
	DATE ANALYZED --->					10/22/93							
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS10	VAL	CNS10	VAL	CNS08	VAL	CNS10	VAL	CNS10	VAL	CNS10	VAL
74-87-3	Chloromethane	42.	U	11.	U	11.	U	11.	U	20.	U	11.	U
74-83-9	Bromomethane	42.	U	11.	U	11.	U	11.	U	20.	U	11.	U
75-01-4	Vinyl chloride	42.	U	11.	U	11.	U	11.	U	20.	U	11.	U
75-00-3	Chloroethane	42.	U	11.	U	11.	U	11.	U	20.	U	11.	U
75-09-2	Methylene chloride	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
67-64-1	Acetone	780.		57.	U	54.	U	55.	U	190.	U	57.	U
75-15-0	Carbon disulfide	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
75-35-4	1,1-Dichloroethene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
75-34-3	1,1-Dichloroethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
67-66-3	Chloroform	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
107-06-2	1,2-Dichloroethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
78-93-3	2-Butanone (MEK)	210.	U	57.	U	54.	UR	55.	U	10.	U	57.	U
71-55-6	1,1,1-Trichloroethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	21.	U	5.7	U	5.4	UJ	5.5	U	10.	U	10.	U
75-27-4	Bromodichloromethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
78-87-5	1,2-Dichloropropane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
10061-01-5	cis-1,3-Dichloropropene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
79-01-6	Trichloroethene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
124-48-1	Dibromochloromethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
79-00-5	1,1,2-Trichloroethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
71-43-2	Benzene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
10061-02-6	trans-1,3-Dichloropropene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
75-25-2	Bromoform	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	210.	U	57.	U	54.	U	55.	U	100.	U	57.	U
591-78-6	2-Hexanone	210.	U	57.	U	54.	U	55.	U	100.	U	57.	U
127-18-4	Tetrachloroethene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
108-88-3	Toluene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
108-90-7	Chlorobenzene	21.	U	79.		5.4	U	50.		13.		160.	
100-41-4	Ethylbenzene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
100-42-5	Styrene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
1330-20-7	Xylene (Total)	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
156-59-2	cis-1,2-Dichloroethene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
156-60-5	trans-1,2-Dichloroethene	21.	U	5.7	U	5.4	U	5.5	U	10.	U	5.7	U
108-05-4	Vinyl acetate	42.	U	11.	U	11.	U	11.	U	20.	U	11.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B281-93		007-C-B281-93 D		007-S-B291-93		007-S-B301-93		007-S-B302-93		007-S-B311-93	
	ORIGINAL ID ----->	S07B2801		S07B281D		S07B2901		S07B3001		S07B3002		S07B3101	
	LAB SAMPLE ID --->	S345784*1		S345784A*1		S345784*2		S345784*3		S345784*4		S345784*5	
	ID FROM REPORT -->	S07B2801		S07B281D		S07B2901		S07B3001		S07B3002		S07B3101	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/13/93	
	DATE ANALYZED --->	10/23/93		10/25/93		10/23/93		10/23/93		10/23/93		10/23/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL
74-87-3	Chloromethane	12.	U	12.	U	11.	U	11.	U	44.	U	12.	U
74-83-9	Bromomethane	12.	U	12.	U	11.	U	11.	U	44.	U	12.	U
75-01-4	Vinyl chloride	12.	U	12.	U	11.	U	11.	U	44.	U	12.	U
75-00-3	Chloroethane	12.	U	12.	U	11.	U	11.	U	44.	U	12.	U
75-09-2	Methylene chloride	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
67-64-1	Acetone	59.	U	61.	U	56.	U	890.	J	250.		59.	U
75-15-0	Carbon disulfide	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
67-66-3	Chloroform	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
78-93-3	2-Butanone (MEK)	59.	U	61.	U	56.	U	57.	U	220.	U	59.	U
71-55-6	1,1,1-Trichloroethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
56-23-5	Carbon tetrachloride	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
75-27-4	Bromodichloromethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
79-01-6	Trichloroethene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
124-48-1	Dibromochloromethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
71-43-2	Benzene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
75-25-2	Bromoform	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	61.	U	56.	U	57.	U	220.	U	59.	U
591-78-6	2-Hexanone	59.	U	61.	U	56.	U	57.	U	220.	U	59.	U
127-18-4	Tetrachloroethene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
108-88-3	Toluene	5.9	U	6.1	U	5.6	U	10.		22.	U	5.9	U
108-90-7	Chlorobenzene	13.		35.		15.		5.7	U	150.		6.4	
100-41-4	Ethylbenzene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
100-42-5	Styrene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
1330-20-7	Xylene (Total)	5.9	U	6.1	U	5.6	U	57.		22.	U	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U	6.1	U	5.6	U	5.7	U	22.	U	5.9	U
108-05-4	Vinyl acetate	12.	U	12.	U	11.	U	11.	U	44.	U	12.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	007-S-B321-93		007-S-B331-93		007-S-B341-93		007-C-B341-93 D		007-S-B342-93		007-S-B351-93	
	ORIGINAL ID ----->	S07B3201		S07B3301		S07B3401		S07B341D		S07B3402		S07B3501	
	LAB SAMPLE ID --->	S345784*6		S345784*7		S345784*8		S345784A*2		S345784*9		S345868*1	
	ID FROM REPORT -->	S07B3201		S07B3301		S07B3401		S07B341D		S07B3402		S07B3501	
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93		10/13/93		10/18/93	
	DATE ANALYZED --->	10/23/93		10/23/93		10/23/93		10/23/93		10/23/93		10/25/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS08	VAL	CNS11	VAL	CNS13	VAL
74-87-3	Chloromethane	12.	U	12.	U	22.	U	12.	U	36.	U	23.	U
74-83-9	Bromomethane	12.	U	12.	U	22.	U	12.	U	36.	U	23.	U
75-01-4	Vinyl chloride	12.	U	12.	U	22.	U	12.	U	36.	U	23.	U
75-00-3	Chloroethane	12.	U	12.	U	22.	U	12.	U	36.	U	23.	U
75-09-2	Methylene chloride	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
67-64-1	Acetone	59.	U	59.	U	110.	U	58.	U	460.		110.	U
75-15-0	Carbon disulfide	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
75-35-4	1,1-Dichloroethene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
75-34-3	1,1-Dichloroethane	5.9	U	5.9	U	11.	U	37.		18.	U	11.	U
67-66-3	Chloroform	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
107-06-2	1,2-Dichloroethane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
78-93-3	2-Butanone (MEK)	59.	U	59.	U	110.	U	58.	U	180.	U	110.	U
71-55-6	1,1,1-Trichloroethane	5.9	U	5.9	U	11.	U	240.		18.	U	11.	U
56-23-5	Carbon tetrachloride	5.9	U	5.9	U	11.	U	5.8	UJ	18.	U	11.	U
75-27-4	Bromodichloromethane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
78-87-5	1,2-Dichloropropane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
79-01-6	Trichloroethene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
124-48-1	Dibromochloromethane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
79-00-5	1,1,2-Trichloroethane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
71-43-2	Benzene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
75-25-2	Bromoform	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	59.	U	110.	U	58.	U	180.	U	110.	U
591-78-6	2-Hexanone	59.	U	59.	U	110.	U	58.	U	180.	U	110.	U
127-18-4	Tetrachloroethene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
108-88-3	Toluene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
108-90-7	Chlorobenzene	48.		55.		110.		5.8	U	450.		11.	U
100-41-4	Ethylbenzene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
100-42-5	Styrene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
1330-20-7	Xylene (Total)	5.9	U	5.9	U	11.	U	5.8	U	24.		11.	U
156-59-2	cis-1,2-Dichloroethene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
156-60-5	trans-1,2-Dichloroethene	5.9	U	5.9	U	11.	U	5.8	U	18.	U	11.	U
108-05-4	Vinyl acetate	12.	U	12.	U	22.	U	12.	U	36.	U	23.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 007 SOIL BORING SAMPLES

VOA											
	SAMPLE ID ------->	007-S-B361-93		007-S-B362-93		007-S-B371-93		007-S-B372-93			
	ORIGINAL ID ----->	S0783601		S0783602		S0783701		S0783702			
	LAB SAMPLE ID --->	S345784*10		S345784*11		S345784*12		S345784*13			
	ID FROM REPORT -->	S0783601		S0783602		S0783701		S0783702			
	SAMPLE DATE ----->	10/13/93		10/13/93		10/13/93		10/13/93			
	DATE ANALYZED --->	10/25/93		10/25/93		10/23/93		10/25/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil			
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg			
CAS #	Parameter	CNS11	VAL	CNS11	VAL	CNS11	VAL	CNS11	VAL		
74-87-3	Chloromethane	11.	U	42.	U	11.	U	56.	U		
74-83-9	Bromomethane	11.	U	42.	U	11.	U	56.	U		
75-01-4	Vinyl chloride	11.	U	42.	U	11.	U	56.	U		
75-00-3	Chloroethane	11.	U	42.	U	11.	U	56.	U		
75-09-2	Methylene chloride	5.7	U	21.	U	5.6	U	28.	U		
67-64-1	Acetone	57.	U	300.		56.	U	850.			
75-15-0	Carbon disulfide	5.7	U	21.	U	5.6	U	28.	U		
75-35-4	1,1-Dichloroethene	5.7	U	21.	U	5.6	U	28.	U		
75-34-3	1,1-Dichloroethane	5.7	U	21.	U	5.6	U	28.	U		
67-66-3	Chloroform	5.7	U	21.	U	5.6	U	28.	U		
107-06-2	1,2-Dichloroethane	5.7	U	21.	U	5.6	U	28.	U		
78-93-3	2-Butanone (MEK)	57.	U	210.	U	56.	U	280.	U		
71-55-6	1,1,1-Trichloroethane	5.7	U	21.	U	5.6	U	28.	U		
56-23-5	Carbon tetrachloride	5.7	U	21.	U	5.6	U	28.	U		
75-27-4	Bromodichloromethane	5.7	U	21.	U	5.6	U	28.	U		
78-87-5	1,2-Dichloropropane	5.7	U	21.	U	5.6	U	28.	U		
10061-01-5	cis-1,3-Dichloropropene	5.7	U	21.	U	5.6	U	28.	U		
79-01-6	Trichloroethene	5.7	U	21.	U	5.6	U	28.	U		
124-48-1	Dibromochloromethane	5.7	U	21.	U	5.6	U	28.	U		
79-00-5	1,1,2-Trichloroethane	5.7	U	21.	U	5.6	U	28.	U		
71-43-2	Benzene	5.7	U	21.	U	5.6	U	28.	U		
10061-02-6	trans-1,3-Dichloropropene	5.7	U	21.	U	5.6	U	28.	U		
75-25-2	Bromoform	5.7	U	21.	U	5.6	U	28.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	57.	U	210.	U	56.	U	280.	U		
591-78-6	2-Hexanone	57.	U	210.	U	56.	U	280.	U		
127-18-4	Tetrachloroethene	5.7	U	21.	U	5.6	U	28.	U		
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	21.	U	5.6	U	28.	U		
108-88-3	Toluene	5.7	U	21.	U	5.6	U	28.	U		
108-90-7	Chlorobenzene	75.		320.		74.		170.			
100-41-4	Ethylbenzene	5.7	U	21.	U	5.6	U	28.	U		
100-42-5	Styrene	5.7	U	21.	U	5.6	U	28.	U		
1330-20-7	Xylene (Total)	5.7	U	21.	U	5.6	U	28.	U		
156-59-2	cis-1,2-Dichloroethene	5.7	U	21.	U	5.6	U	28.	U		
156-60-5	trans-1,2-Dichloroethene	5.7	U	21.	U	5.6	U	28.	U		
108-05-4	Vinyl acetate	11.	U	42.	U	11.	U	56.	U		

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SURFACE WATER SAMPLES

METAL											
		SAMPLE ID ------->	008-R-0924-93		008-R-1111-93						
		ORIGINAL ID ----->	S08R0924		S08R1111						
		LAB SAMPLE ID --->	S345365*2		46404-7						
		ID FROM REPORT -->	S08R0924		S08R1111						
		SAMPLE DATE ----->	09/23/93		11/11/93						
		MATRIX ---------->	Water		Water						
		UNITS ---------->	ug/l		ug/l						
CAS #	Parameter		CNS03	VAL	CNS24	VAL					
CN	Cyanide		10.	U	10.	UJ					
CD	Cadmium		5.	U	5.	UJ					
CA	Calcium		719.	J	500.	U					
CR	Chromium		10.	U	10.	U					
CO	Cobalt		10.	U	10.	U					
CU	Copper		25.	U	25.	U					
FE	Iron		50.	U	50.	U					
PB	Lead		5.	U	5.	U					
MG	Magnesium		500.	U	500.	U					
MN	Manganese		10.	U	10.	U					
HG	Mercury		0.2	U	0.2	UJ					
NI	Nickel		40.	U	40.	U					
K	Potassium		1000.	U	1000.	U					
SE	Selenium		10.	U	10.	UJ					
AG	Silver (Ag)		10.	U	10.	U					
NA	Sodium		500.	U	500.	U					
TL	Thallium		10.	U	10.	UJ					
ZN	Zinc		20.	U	20.	U					
V	Vanadium		10.	U	10.	U					
AL	Aluminum		200.	U	200.	U					
SB	Antimony		50.	U	50.	U					
AS	Arsenic		10.	U	10.	U					
BA	Barium		10.	U	10.	U					
BE	Beryllium		5.	U	5.	U					

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SURFACE WATER SAMPLES

PEST									
	SAMPLE ID ------->	008-R-0924-93		008-R-1111-93					
	ORIGINAL ID ----->	S08R0924		S08R1111					
	LAB SAMPLE ID --->	S345365*2		46404-7					
	ID FROM REPORT -->	S08R0924		S08R1111					
	SAMPLE DATE ----->	10/05/93		11/11/93					
	DATE ANALYZED --->	09/29/93							
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS03	VAL	CNS24	VAL				
319-84-6	alpha-BHC	0.05	U	0.05	U				
319-85-7	beta-BHC	0.05	U	0.05	U				
319-86-8	delta-BHC	0.05	U	0.05	U				
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U				
76-44-8	Heptachlor	0.05	U	0.05	U				
309-00-2	Aldrin	0.05	U	0.05	U				
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U				
959-98-8	Endosulfan I	0.05	U	0.05	U				
60-57-1	Dieldrin	0.1	U	0.1	U				
72-55-9	4,4'-DDE	0.1	U	0.1	U				
72-20-8	Endrin	0.1	U	0.1	U				
33213-65-9	Endosulfan II	0.1	U	0.1	U				
72-54-8	4,4'-DDD	0.1	U	0.1	U				
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U				
50-29-3	4,4'-DDT	0.1	U	0.1	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
72-43-5	Methoxychlor	0.5	U	0.5	U				
5103-71-9	alpha-Chlordane	0.05	U	0.05	U				
5103-74-2	gamma-Chlordane	0.05	U	0.05	U				
8001-35-2	Toxaphene	5.	U	5.	U				
12674-11-2	Aroclor-1016	1.	U	1.	U				
11104-28-2	Aroclor-1221	2.	U	2.	U				
11141-16-5	Aroclor-1232	1.	U	1.	U				
53469-21-9	Aroclor-1242	1.	U	1.	U				
12672-29-6	Aroclor-1248	1.	U	1.	U				
11097-69-1	Aroclor-1254	1.	U	1.	U				
11096-82-5	Aroclor-1260	1.	U	1.	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SURFACE WATER SAMPLES

SVOA									
	SAMPLE ID ------->	008-R-0924-93		008-R-1111-93					
	ORIGINAL ID ----->	S08R0924		S08R1111					
	LAB SAMPLE ID --->	S345365*2		46404-7					
	ID FROM REPORT -->	S08R0924		S08R1111					
	SAMPLE DATE ----->	09/24/93		11/11/93					
	DATE EXTRACTED -->	09/30/93							
	DATE ANALYZED --->	10/04/93							
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS03	VAL	CNS24	VAL				
108-95-2	Phenol	10.	U	10.	U				
95-57-8	2-Chlorophenol	10.	U	10.	U				
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U				
95-50-1	1,2-Dichlorobenzene	10.	U	10.	U				
95-48-7	2-Methylphenol (o-Cresol)	10.	U	10.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR					
621-64-7	N-Nitroso-di-n-propylamine	10.	U	10.	U				
67-72-1	Hexachloroethane	10.	U	10.	U				
98-95-3	Nitrobenzene	10.	U	10.	U				
78-59-1	Isophorone	10.	U	10.	U				
88-75-5	2-Nitrophenol	10.	U	10.	U				
105-67-9	2,4-Dimethylphenol	10.	U	10.	U				
111-91-1	bis(2-Chloroethoxy)methane	10.	U	10.	U				
120-83-2	2,4-Dichlorophenol	10.	U	10.	U				
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U				
91-20-3	Naphthalene	10.	U	10.	U				
106-47-8	4-Chloroaniline	20.	U	20.	U				
87-68-3	Hexachlorobutadiene	10.	U	10.	U				
59-50-7	4-Chloro-3-methylphenol	10.	U	10.	U				
91-57-6	2-Methylnaphthalene	10.	U	10.	U				
77-47-4	Hexachlorocyclopentadiene	10.	U	10.	U				
88-06-2	2,4,6-Trichlorophenol	10.	U	10.	U				
95-95-4	2,4,5-Trichlorophenol	10.	U	10.	U				
91-58-7	2-Chloronaphthalene	10.	U	10.	U				
88-74-4	2-Nitroaniline	50.	U	50.	U				
131-11-3	Dimethyl phthalate	10.	U	10.	U				
208-96-8	Acenaphthylene	10.	U	10.	U				
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U				
99-09-2	3-Nitroaniline	50.	U	50.	U				
83-32-9	Acenaphthene	10.	U	10.	U				
51-28-5	2,4-Dinitrophenol	50.	U	50.	U				
100-02-7	4-Nitrophenol	50.	U	50.	U				
132-64-9	Dibenzofuran	10.	U	10.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U				
84-66-2	Diethylphthalate	10.	U	10.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SURFACE WATER SAMPLES

SVOA								
	SAMPLE ID ------->	008-R-0924-93		008-R-1111-93				
	ORIGINAL ID ----->	S08R0924		S08R1111				
	LAB SAMPLE ID --->	S345365*2		46404-7				
	ID FROM REPORT -->	S08R0924		S08R1111				
	SAMPLE DATE ----->	09/24/93		11/11/93				
	DATE EXTRACTED -->	09/30/93						
	DATE ANALYZED --->	10/04/93						
	MATRIX ---------->	Water		Water				
	UNITS ---------->	ug/l		ug/l				
CAS #	Parameter	CNS03	VAL	CNS24	VAL			
86-73-7	Fluorene	10.	U	10.	U			
100-01-6	4-Nitroaniline	50.	U	50.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	50.	U	50.	U			
86-30-6	N-Nitrosodiphenylamine	10.	U	10.	U			
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U			
118-74-1	Hexachlorobenzene	10.	U	10.	U			
87-86-5	Pentachlorophenol	50.	U	50.	U			
85-01-8	Phenanthrene	10.	U	10.	U			
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U			
120-12-7	Anthracene	10.	U	10.	U			
86-74-8	Carbazole	10.	U	10.	U			
84-74-2	Di-n-butylphthalate	10.	U	10.	U			
206-44-0	Fluoranthene	10.	U	10.	U			
129-00-0	Pyrene	10.	U	10.	U			
85-68-7	Butylbenzylphthalate	10.	U	10.	U			
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U			
56-55-3	Benzo(a)anthracene	10.	U	10.	U			
218-01-9	Chrysene	10.	U	10.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U	10.	U			
117-84-0	Di-n-octyl phthalate	10.	U	10.	U			
205-99-2	Benzo(b)fluoranthene	10.	U	10.	U			
207-08-9	Benzo(k)fluoranthene	10.	U	10.	U			
50-32-8	Benzo(a)pyrene	10.	U	10.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	10.	U	10.	U			
53-70-3	Dibenz(a,h)anthracene	10.	U	10.	U			
191-24-2	Benzo(g,h,i)perylene	10.	U	10.	U			
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U			
39638-32-9	Bis(2-Chloroisopropyl)Ether	10.	U	10.	U			
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U			

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SURFACE WATER SAMPLES

VOA									
	SAMPLE ID ------->	008-R-0924-93		008-R-1111-93					
	ORIGINAL ID ----->	S08R0924		S08R1111					
	LAB SAMPLE ID --->	S345365*2		46404-7					
	ID FROM REPORT -->	S08R0924		S08R1111					
	SAMPLE DATE ----->	09/24/93		11/11/93					
	DATE ANALYZED --->	10/09/93							
	MATRIX ---------->	Water		Water					
	UNITS ---------->	ug/l		ug/l					
CAS #	Parameter	CNS03	VAL	CNS24	VAL				
74-87-3	Chloromethane	10.	U	10.	U				
74-83-9	Bromomethane	10.	U	10.	U				
75-01-4	Vinyl chloride	10.	U	10.	U				
75-00-3	Chloroethane	10.	U	10.	U				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	64.		50.	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				
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	50.	U	50.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	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	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				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	50.	U				
591-78-6	2-Hexanone	50.	U	50.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	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				
1330-20-7	Xylene (Total)	5.	U	5.	U				
156-59-2	cis-1,2-Dichloroethene	5.	U	5.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL															
	SAMPLE ID ------->	008-S-B011-93		008-S-B021-93		008-S-B022-93		008-S-B031-93		008-C-B031-93 D		008-S-B032-93	
	ORIGINAL ID ----->	S08B0101		S08B0201		S08B0202		S08B0301		S08B031D		S08B0302	
	LAB SAMPLE ID --->	S345365*1		S345382*1		S345382*5		S345382*2		S345382*4		S345382*3	
	ID FROM REPORT -->	S08B0101		S08B0201		S08B0202		S08B0301		S08B031D		S08B0302	
	SAMPLE DATE ----->	09/24/93		09/25/93		09/25/93		09/25/93		09/25/93		09/25/93	
	DATE ANALYZED --->	10/07/93		10/07/93		10/07/93		10/07/93		10/07/93		10/07/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL
CN	Cyanide	1.1	U	1.2	U	1.3	U	1.1	U	1.1	U	1.3	U
CD	Cadmium	0.57	U	0.6	U	0.66	U	0.57	U	0.58	U	5.9	
CA	Calcium	11000.		11000.		170000.		28000.		19000.		11000.	
CR	Chromium	21.		6.5		34.		6.5		5.7		103.	
CO	Cobalt	7.3		1.4		1.5		1.1	U	1.2		12.	
CU	Copper	400.		11.		40.		27.		14.		2700.	
FE	Iron	8600.		2200.		53000.		3200.		2600.		78000.	
PB	Lead	310.	J	11.		9.8		10.		6.3		1400.	
MG	Magnesium	420.		270.		4400.		430.		380.		3800.	
MN	Manganese	41.		13.		81.		27.		24.		520.	
HG	Mercury	0.63		0.03		0.067		0.087		0.062		6.9	
NI	Nickel	13.		4.8	U	16.		4.5	U	4.7	U	79.	
K	Potassium	130.		110.		730.		130.		130.		1200.	
SE	Selenium	1.1	U	1.2	U	1.3	U	1.1	U	1.2	U	1.3	U
AG	Silver (Ag)	1.2		1.2	U	1.3	U	1.1	U	1.2	U	3.4	
NA	Sodium	110.		60.	U	1100.		480.		390.		3200.	
TL	Thallium	1.1	U	1.2	UJ	6.6	UJ	1.1	UJ	1.2	UJ	1.3	UJ
ZN	Zinc	500.		8.7		110.		37.		18.		2300.	
V	Vanadium	6.5		8.4		22.		7.4		6.		96.	
AL	Aluminum	1700.		4500.		5600.		3900.		3400.		8700.	
SB	Antimony	5.7	U	6.	U	6.6	U	5.7	U	5.8	U	32.	
AS	Arsenic	10.		20.		8.		3.5		2.4		21.	
BA	Barium	29.		63.		27.		13.		9.3		500.	
BE	Beryllium	0.57	U	0.6	U	0.66	U	0.57	U	0.58	U	0.63	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B041-93		008-S-B051-93		008-S-B061-93		008-S-B071-93		008-S-B081-93		008-S-B091-93	
	ORIGINAL ID ----->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	LAB SAMPLE ID --->	S345408*1		S345477*1		S345505*1		S345868*2		S345868*3		S345868*4	
	ID FROM REPORT -->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	SAMPLE DATE ----->	09/27/93		09/29/93		09/30/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->	10/20/93		10/20/93		10/20/93		11/05/93		11/05/93		11/05/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS05	VAL	CNS05	VAL	CNS05	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.59	U	0.7	U	0.54	U	0.62	U	0.7		0.64	U
CA	Calcium	190000.		10000.		88000.		7500.		19000.		18000.	
CR	Chromium	6.6	J	8.	J	7.8	J	6.5		20.		17.	
CO	Cobalt	2.1		1.4	U	1.4		1.2	U	1.9		1.5	
CU	Copper	17.		7.9		12.		4.7	J	120.	J	96.	J
FE	Iron	3600.		1700.		3800.		3400.		7700.		7900.	
PB	Lead	19.	J	19.	J	41.	J	6.8	J	76.	J	53.	J
MG	Magnesium	2000.		260.		1200.		440.		1400.		1200.	
MN	Manganese	90.		22.		79.		24.		78.		50.	
HG	Mercury	0.023		0.044		0.065		0.042	J	0.62	J	0.2	J
NI	Nickel	6.9		5.6	U	5.8		4.9	U	8.1		9.3	
K	Potassium	270.	J	140.	U	210.	J	140.		540.		410.	
SE	Selenium	1.2	UJ	1.4	UJ	1.1	UJ	1.2	UJ	1.3	UJ	1.3	UJ
AG	Silver (Ag)	1.2	U	1.4	U	1.1	U	1.2	U	1.3	U	1.3	U
NA	Sodium	290.		70.	U	170.		370.		650.		310.	
TL	Thallium	5.9	UJ	1.4	UJ	1.1	UJ	1.2	U	1.3	U	1.3	U
ZN	Zinc	19.		39.		53.	J	13.	J	190.	J	120.	J
V	Vanadium	6.1		13.		6.9		6.3		18.		13.	
AL	Aluminum	2700.		4000.		2500.		3900.		4400.		5100.	
SB	Antimony	5.9	R	7.	R	5.4	UJ	6.9	UJ	6.5	UJ	6.4	UJ
AS	Arsenic	5.6	J	1.6	J	5.	J	1.9	J	6.9	J	5.9	J
BA	Barium	15.		7.6		52.		9.1		28.		28.	
BE	Beryllium	0.59	U	0.7	U	0.54	U	0.62	U	0.65	U	0.64	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B101-93		008-S-B111-93		008-C-B111-93 D		008-S-B112-93		008-S-B121-93		008-S-B122-93	
	ORIGINAL ID ----->	S08B1001		S08B1101		S08B111D		S08B1102		S08B1201		S08B1202	
	LAB SAMPLE ID --->	S345868*5		S345905*1		S345905A*1		S345905*2		S345905*3		S345905*4	
	ID FROM REPORT -->	S08B1001		S08B1101		S08B111D		S08B1102		S08B1201		S08B1202	
	SAMPLE DATE ----->	10/18/93		10/19/93		10/19/93		10/19/93		10/19/93		10/19/93	
	DATE ANALYZED --->	11/05/93		11/05/93		11/08/93		11/05/93		11/05/93		11/05/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS14	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.6	U	2.3		1.4		0.86	U	0.63		2.	
CA	Calcium	43000.		9500.		10400.	J	5000.		210000.		74000.	
CR	Chromium	8.2		48.		33.8		23.		18.		22.	
CO	Cobalt	1.2	U	5.1		4.8		4.7		3.4		3.5	
CU	Copper	33.	J	190.	J	128.	J	84.	J	39.	J	14000.	J
FE	Iron	2900.		36000.		17800.		16000.		4100.		15000.	
PB	Lead	21.	J	240.	UJ	187.	J	40.	J	29.	J	630.	J
MG	Magnesium	550.		1600.		1540.		2800.		2300.		1000.	
MN	Manganese	29.		410.		154.	J	130.		150.		90.	
HG	Mercury	0.086	J	0.61	J	0.65	J	0.12	J	0.021	J	5.1	J
NI	Nickel	4.8	U	22.		18.3		8.9		13.		22.	
K	Potassium	140.		500.		590.		1400.		290.		780.	
SE	Selenium	1.2	UJ	1.2	UJ	1.3	UJ	1.7	UJ	1.2	UJ	1.1	UJ
AG	Silver (Ag)	1.2	U	1.2	U	1.3	U	1.7	U	1.2	U	1.1	U
NA	Sodium	690.		290.		313.		3300.		240.		450.	
TL	Thallium	1.2	U	1.3	U	1.3	U	1.7	U	6.2	U	1.1	U
ZN	Zinc	44.	J	580.	J	639.		130.	J	110.	J	3300.	J
V	Vanadium	6.2		31.		25.6		25.		14.		15.	
AL	Aluminum	2600.		5900.		7510.		9400.		2200.		4700.	
SB	Antimony	6.	UJ	7.4	J	6.5	UR	8.6	UJ	6.2	UJ	5.7	UJ
AS	Arsenic	3.1	J	6.5	UJ	9.3		9.6	J	2.2	J	2.2	J
BA	Barium	14.		78.		38.2		93.		14.		69.	
BE	Beryllium	0.6	U	0.62	U	0.65	U	1.		0.62	U	0.57	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B131-93		008-S-B141-93		008-S-B151-93		008-S-B161-93		008-S-B171-93		008-C-B171-93 D	
	ORIGINAL ID ----->	S08B1301		S08B1401		S08B1501		S08B1601		S08B1701		S08B171D	
	LAB SAMPLE ID --->	S345905*5		S345905*6		S345905*7		S345933*1		S345933*2		S345933A*1	
	ID FROM REPORT -->	S0881301		S0881401		S0881501		S0881601		S0881701		S0881710	
	SAMPLE DATE ----->	10/19/93		10/19/93		10/19/93		10/20/93		10/20/93		10/20/93	
	DATE ANALYZED --->	11/05/93		11/05/93		11/05/93		11/05/93		11/05/93		11/08/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS14	VAL
CN	Cyanide	NR		NR		NR		NR		NR		NR	
CD	Cadmium	0.66	U	1.1		0.61	U	0.63	U	0.68		0.86	
CA	Calcium	58000.		38000.		140000.		65000.		37000.		50700.	J
CR	Chromium	27.		37.		11.		10.	U	53.		51.	
CO	Cobalt	3.2		3.2		2.2		1.3	R	2.7	R	2.9	
CU	Copper	250.	J	150.	J	37.	J	16.	R	49.	R	74.7	J
FE	Iron	8800.		5500.		3500.		4100.		4900.		7230.	
PB	Lead	34.	J	230.	J	41.	J	340.	J	140.	J	180.	J
MG	Magnesium	2200.		610.		2600.		800.		2000.		1780.	
MN	Manganese	130.		54.		150.		52.		56.		50.6	J
HG	Mercury	0.13	J	0.19	J	0.11	J	0.033	J	0.18	J	0.1	J
NI	Nickel	25.		13.		8.5		5.6		13.		14.9	
K	Potassium	630.		150.		320.		160.		580.		627.	
SE	Selenium	2.6	UJ	1.1	UJ	6.1	UJ	1.3	UJ	1.2	UJ	1.2	UJ
AG	Silver (Ag)	1.3	U	1.1	U	1.2	U	1.3	U	1.2	U	1.2	U
NA	Sodium	950.		210.		220.		370.		160.		193.	
TL	Thallium	1.3	U	1.2	U	6.1	U	6.3	U	1.2	U	1.2	UJ
ZN	Zinc	170.	J	640.	J	54.	J	87.	J	160.	J	155.	
V	Vanadium	28.		8.		20.		15.		16.		32.5	
AL	Aluminum	8100.		1300.		2400.		1900.		3400.		3850.	
SB	Antimony	6.6	UJ	7.6	J	6.1	UJ	6.3	UJ	4.8	UJ	5.8	UR
AS	Arsenic	8.6	J	6.2	J	2.2	J	3.5	J	7.2		6.9	
BA	Barium	28.		36.		13.		13.		50.		51.2	
BE	Beryllium	0.66	U	0.57	U	0.61	U	0.63	U	0.58	U	0.58	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B181-93		008-S-B191-93		008-S-B192-93		008-S-B201-93		008-S-B202-93		008-S-B211-93	
	ORIGINAL ID ----->	S0881801		S0881901		S0881902		S0882001		S0882002		S0882101	
	LAB SAMPLE ID --->	S345933*3		S345933*4		S345933*5		S346088*19		S346088*20		S346088*21	
	ID FROM REPORT -->	S0881801		S0881901		S0881902		S0882001		S0882002		S0882101	
	SAMPLE DATE ----->	10/20/93		10/20/93		10/20/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	11/05/93		11/05/93		11/05/93							
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
CN	Cyanide	NR		NR		NR		1.1	UJ	1.3	UJ	1.1	UJ
CD	Cadmium	0.57	U	0.59		0.61	U	0.54	U	1.6		0.54	U
CA	Calcium	160000.		57000.		39000.		79000.		45000.		8800.	
CR	Chromium	48.		25.		14.		4.2		33.		4.5	
CO	Cobalt	3.1	R	1.5	R	1.2	R	1.9		3.9		1.1	U
CU	Copper	27.	R	22.	R	16.	R	9.1		27.		2.7	U
FE	Iron	4200.		5700.		6100.		3300.		76000.		2100.	
PB	Lead	23.	J	180.	J	120.	J	6.3		47.		6.1	
MG	Magnesium	3200.		1100.		2200.		990.		2400.		260.	
MN	Manganese	110.		82.		140.		69.		210.		13.	
HG	Mercury	0.027	J	0.037	J	0.056	J	0.014		0.15		0.027	
NI	Nickel	9.9		13.		5.8		5.3		11.		4.3	U
K	Potassium	660.		230.		330.		210.		840.		120.	
SE	Selenium	1.1	UJ	1.1	UJ	1.2	UJ	1.1	UJ	6.2	UJ	1.1	UJ
AG	Silver (Ag)	1.1	U	1.1	U	1.2	U	1.1	U	1.2	U	1.1	U
NA	Sodium	410.		150.		190.		150.		2700.		220.	
TL	Thallium	5.7	U	1.1	U	1.2	U	5.4	U	1.2	U	1.1	U
ZN	Zinc	93.	J	130.	J	50.	J	16.		62.		2.8	
V	Vanadium	9.		13.		13.		6.8		30.		4.3	
AL	Aluminum	2200.		3100.		3700.		2000.		9900.		3900.	
SB	Antimony	5.7	UJ	5.3	UJ	6.1	UJ	5.4	UJ	6.2	UJ	5.4	UJ
AS	Arsenic	3.8	J	5.9		5.7		8.4		12.		3.6	
BA	Barium	34.		45.		13.		42.		40.		12.	
BE	Beryllium	0.57	U	0.53	U	0.63	U	0.54	U	0.62	U	0.54	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B212-93		008-S-B221-93		008-S-B222-93		008-S-B231-93		008-S-B232-93		008-S-B241-93	
	ORIGINAL ID ----->	S0882102		S0882201		S0882202		S0882301		S0882302		S0882401	
	LAB SAMPLE ID --->	S346088*22		S346088*23		S346088*24		S346088*25		S346088*26		S346088*27	
	ID FROM REPORT -->	S0882102		S0882201		S0882202		S0882301		S0882302		S0882401	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE EXTRACTED -->					10/29/93		10/29/93		10/29/93		10/29/93	
	DATE ANALYZED --->	11/16/93											
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
CN	Cyanide	1.2	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.5	UJ	1.1	UJ
CD	Cadmium	1.		0.57	U	1.2		0.57	U	2.		0.56	U
CA	Calcium	43000.		56000.		47000.		5800.		16000.		50000.	
CR	Chromium	35.		3.7		26.		4.5		49.		5.4	
CO	Cobalt	2.8		1.1	U	7.		1.2		7.9		3.	
CU	Copper	46.		2.9	U	400.		2.8	U	64.		17.	
FE	Iron	9400.		1600.		11000.		1900.		37000.		3400.	
PB	Lead	37.		2.3		390.	J	29.		38.		11.	
MG	Magnesium	1900.		670.		1300.		140.		4700.		620.	
MN	Manganese	120.		36.		100.		5.7		1600.		33.	
HG	Mercury	0.073		0.018		0.25		0.017		0.15		0.012	
NI	Nickel	14.		4.6	U	32.		4.5	U	16.		6.5	
K	Potassium	1000.		140.		410.		110.	U	2300.		190.	
SE	Selenium	5.9	UJ	1.1	UJ	1.1	UJ	1.1	UJ	7.5	UJ	5.6	UJ
AG	Silver (Ag)	1.2	U	1.1	U	1.1	U	1.1	U	1.5	U	1.1	U
NA	Sodium	1400.		150.		920.		57.	U	3900.		140.	
TL	Thallium	1.2	U	5.7	U	1.2	U	1.1	U	7.5	U	5.6	U
ZN	Zinc	69.		4.9		810.		5.7		110.		9.7	
V	Vanadium	27.		3.3		58.		4.2		16.		8.7	
AL	Aluminum	7700.		2800.		3400.		4200.		17000.		1300.	
SB	Antimony	5.9	UJ	5.7	UJ	23.	J	5.7	UJ	5.7	UJ	5.6	UJ
AS	Arsenic	5.9	U	2.6		6.6		1.1	U	12.		150.	
BA	Barium	35.		15.		100.		3.7		39.		120.	
BE	Beryllium	0.59	U	0.57	U	0.6		0.57	U	1.2		0.69	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL															
	SAMPLE ID ------->	008-S-B242-93		008-S-B251-93		008-C-B251-93 D		008-S-B252-93		008-S-B261-93		008-S-B262-93	
	ORIGINAL ID ----->	S0882402		S0882501		S08B251D		S0882502		S0882601		S0882602	
	LAB SAMPLE ID --->	S346088*28		S346088*29		S346088A*5		S346088*30		S346088*31		S346088*32	
	ID FROM REPORT -->	S0882402		S0882501		S08B251D		S0882502		S0882601		S0882602	
	SAMPLE DATE ----->	10/26/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS18	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
CN	Cyanide	1.1	UJ	1.1	UJ	NR		1.1	UJ	1.3	UJ	1.2	UJ
CD	Cadmium	1.2		0.56	U	0.56	U	0.57	U	0.63	U	0.61	U
CA	Calcium	20000.		260000.		255000.	J	8700.		41000.		24000.	
CR	Chromium	32.		6.5		6.		5.1		24.		9.9	
CO	Cobalt	3.5		2.3		2.4		1.1	U	3.6		1.2	U
CU	Copper	350.		10.		8.6	J	2.8	U	13.		9.7	
FE	Iron	7500.		3400.		3250.		2300.		14000.		3000.	
PB	Lead	310.	J	2.8	UJ	11.4	J	3.	J	56.	J	19.	J
MG	Magnesium	1000.		2400.		2500.		320.		2300.		1000.	
MN	Manganese	72.		130.	J	136.	J	18.	J	270.	J	42.	J
HG	Mercury	2.1		0.03		0.03	J	0.011	U	0.074		0.058	
NI	Nickel	21.		6.8		7.8		4.5	U	8.8		4.9	U
K	Potassium	390.		300.		318.		110.	U	990.		330.	
SE	Selenium	1.1	UJ	1.1	UJ	5.6	UJ	1.1	UJ	1.3	UJ	1.2	UJ
AG	Silver (Ag)	1.1	U	1.1	U	1.1	U	1.1	U	1.3	U	1.2	U
NA	Sodium	710.		470.		374.		170.		1000.		1200.	
TL	Thallium	1.1	U	5.5	U	5.6	U	1.1	U	1.3	U	1.2	UJ
ZN	Zinc	550.		22.		25.8		4.9		40.		26.	
V	Vanadium	26.		5.3		5.2		4.		28.		9.3	
AL	Aluminum	3600.		1100.		1160.		3200.		12000.		3900.	
SB	Antimony	21.	J	5.6	UJ	5.6	UR	5.7	UJ	6.3	UJ	6.1	UJ
AS	Arsenic	7.9		9.7	J	6.1		1.1	UJ	7.6	J	2.8	J
BA	Barium	77.		7.8		6.2		4.8		20.		12.	
BE	Beryllium	0.54	U	0.56	U	0.56	U	0.57	U	0.63	U	0.61	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
	SAMPLE ID ------->	008-S-B271-93		008-S-B272-93		008-S-B281-93		008-S-B282-93		008-S-B291-93		008-S-B301-93	
	ORIGINAL ID ----->	S0882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	LAB SAMPLE ID --->	S346088*33		S346088*34		S346088*35		S346088*36		S346088*37		S346088*38	
	ID FROM REPORT -->	SD882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
CN	Cyanide	1.1	UJ	1.1	UJ	1.1	UJ	1.2	UJ	1.1	UJ	1.1	UJ
CD	Cadmium	0.56	U	0.67	U	0.54	U	0.6	U	0.6		0.54	U
CA	Calcium	330000.		18000.		320000.		81000.		330000.		330000.	
CR	Chromium	11.		5.1		5.6		60.		4.1		5.	
CO	Cobalt	2.4		1.3	U	2.3		3.6		2.7		2.1	
CU	Copper	3.1		3.3	U	3.5		71.		4.4		6.6	
FE	Iron	3800.		3500.		2900.		6900.		2100.		2500.	
PB	Lead	15.	J	2.4	J	9.4	J	140.	J	4.4	J	8.5	J
MG	Magnesium	3200.		420.		3100.		3100.		3300.		3100.	
MN	Manganese	180.	J	69.	J	160.	J	80.	J	270.	J	170.	J
HG	Mercury	0.011	U	0.013	U	0.011	U	0.13		0.011	U	0.012	
NI	Nickel	8.4		5.3	U	7.7		14.		8.		7.4	
K	Potassium	440.		170.		310.		1200.		320.		280.	
SE	Selenium	5.6	UJ	1.3	UJ	5.4	UJ	2.4	UJ	5.6	UJ	5.4	UJ
AG	Silver (Ag)	1.1	U	1.3	U	1.1	U	1.2	U	1.1	U	1.1	U
NA	Sodium	240.		870.		240.		1100.		220.		310.	
TL	Thallium	1.1	U	1.3	U	11.	U	1.2	UJ	5.5	UJ	5.5	UJ
ZN	Zinc	23.		6.7		16.		160.		14.		18.	
V	Vanadium	8.1		4.9		4.4		20.		5.8		4.	
AL	Aluminum	860.		820.		600.		5900.		640.		710.	
SB	Antimony	5.6	UJ	6.7	UJ	5.4	UJ	6.	UJ	5.6	UJ	5.4	UJ
AS	Arsenic	4.	J	3.	J	3.8	J	6.5	J	2.1	J	3.	J
BA	Barium	4.8		5.6		4.3		62.		5.		5.	
BE	Beryllium	0.56	U	0.67	U	0.54	U	0.6	U	0.56	U	0.54	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

METAL													
		SAMPLE ID ------->	008-S-B302-93		008-C-B302-93 D		008-S-B311-93		008-C-B311-93 D		008-S-B312-93		
		ORIGINAL ID ----->	S0883002		S088302D		S0883101		S088311D		S0883102		
		LAB SAMPLE ID --->	S346088*39		S346088A*6		S346088*40		S346088A*7		S346088*41		
		ID FROM REPORT -->	S0883002		S088302D		S0883101		S088311D		S0883102		
		SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		
		DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		
CAS #	Parameter		CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	
CN	Cyanide		1.3	UJ	NR		1.2	UJ	NR		1.5	UJ	
CD	Cadmium		0.63	U	0.61	U	0.6	U	0.61	U	0.76	U	
CA	Calcium		26000.		44900.	J	88000.		109000.	J	55000.		
CR	Chromium		5.1		6.4		96.		110.		29.		
CO	Cobalt		1.4		1.6		7.5		7.2		4.3		
CU	Copper		3.2	U	3.2	J	100.		63.1	J	13.		
FE	Iron		3000.		3730.		6600.		6860.		15000.		
PB	Lead		5.	J	9.	J	130.	J	60.2	J	20.	J	
MG	Magnesium		560.		779.		3900.		4300.		4500.		
MN	Manganese		23.		37.8	J	100.		126.	J	140.		
HG	Mercury		0.057		0.03	J	0.14		0.16	J	0.058		
NI	Nickel		5.1		4.8	U	29.		21.2		10.		
K	Potassium		140.		178.		1200.		1530.		1700.		
SE	Selenium		1.3	UJ	1.2	UJ	1.2	UJ	1.2	UJ	3.	UJ	
AG	Silver (Ag)		1.3	U	1.2	U	1.2	U	1.2	U	1.5	U	
NA	Sodium		400.		398.		620.		705.		4200.		
TL	Thallium		1.3	U	1.2	U	6.	U	6.1	U	1.5	UJ	
ZN	Zinc		8.9		11.9		300.		146.		54.		
V	Vanadium		4.6		5.7		17.		18.5		33.		
AL	Aluminum		3000.		3350.		4200.		5010.		14000.		
SB	Antimony		6.3	UJ	6.1	UR	6.	UJ	6.1	UR	7.6	J	
AS	Arsenic		1.3	J	1.6		11.	J	6.7		7.6	J	
BA	Barium		6.9		7.3		64.		70.2		40.		
BE	Beryllium		0.63	U	0.61	U	0.6	U	0.61	U	0.76	U	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST															
	SAMPLE ID ------->	008-S-B011-93		008-S-B021-93		008-S-B022-93		008-S-B031-93		008-C-B031-93 D		008-S-B032-93	
	ORIGINAL ID ----->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	LAB SAMPLE ID --->	S345365*1		S345382*1		S345382*5		S345382*2		S345382*4		S345382*3	
	ID FROM REPORT -->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	SAMPLE DATE ----->	09/24/93		09/25/93		09/25/93		09/25/93		09/25/93		09/25/93	
	DATE EXTRACTED -->	09/29/93		09/29/93		09/29/93		09/29/93		09/29/93		09/29/93	
	DATE ANALYZED --->	10/19/93		10/19/93		10/19/93		10/19/93		10/19/93		10/19/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL
319-84-6	alpha-BHC	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
319-85-7	beta-BHC	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
319-86-8	delta-BHC	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
76-44-8	Heptachlor	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
309-00-2	Aldrin	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
1024-57-3	Heptachlor epoxide	5.1		2.	U	2.2	U	1.9	U	2.	U	250.	
959-98-8	Endosulfan I	2.	U	2.	U	2.2	U	1.9	U	2.	U	110.	U
60-57-1	Dieldrin	8.5		4.	U	4.3	U	3.8	U	3.8	U	610.	
72-55-9	4,4'-DDE	13.		4.	U	4.3	U	3.8	U	3.8	U	43.	
72-20-8	Endrin	3.8	U	4.	U	4.3	U	3.8	U	3.8	U	210.	U
33213-65-9	Endosulfan II	3.8	U	4.	U	4.3	U	3.8	U	3.8	U	210.	U
72-54-8	4,4'-DDD	45.		4.	U	4.3	U	3.8	U	3.8	U	210.	U
1031-07-8	Endosulfan sulfate	3.8	U	4.	U	4.3	U	3.8	U	3.8	U	210.	U
50-29-3	4,4'-DDT	3.8	U	4.	U	4.3	U	3.8	U	3.8	U	210.	U
53494-70-5	Endrin ketone	4.5		4.	U	4.3	U	3.8	U	3.8	U	210.	U
72-43-5	Methoxychlor	20.	U	20.	U	22.	U	19.	U	20.	U	1100.	U
5103-71-9	alpha-Chlordane	2.	U	2.	U	2.2	U	1.9	U	2.	U	240.	
5103-74-2	gamma-Chlordane	3.7		2.	U	2.2	U	3.		3.		110.	U
8001-35-2	Toxaphene	200.	U	200.	U	220.	U	190.	U	200.	U	11000.	U
12674-11-2	Aroclor-1016	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
11104-28-2	Aroclor-1221	77.	U	81.	U	88.	U	76.	U	77.	U	4200.	U
11141-16-5	Aroclor-1232	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
53469-21-9	Aroclor-1242	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
12672-29-6	Aroclor-1248	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
11097-69-1	Aroclor-1254	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
11096-82-5	Aroclor-1260	38.	U	40.	U	43.	U	38.	U	38.	U	2100.	U
7421-93-4	Endrin aldehyde	3.8	U	4.	U	4.3	U	3.8	U	3.8	U	210.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B041-93		008-S-B051-93		008-S-B061-93		008-S-B071-93		008-S-B081-93		008-S-B091-93	
	ORIGINAL ID ----->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	LAB SAMPLE ID --->	S345408*1		S345477*1		S345505*1		S345868*2		S345868*3		S345868*4	
	ID FROM REPORT -->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	SAMPLE DATE ----->	09/27/93		09/29/93		09/30/93		10/18/93		10/18/93		10/18/93	
	DATE EXTRACTED -->	10/05/93		10/04/93		10/04/93		10/21/93		10/21/93		10/21/93	
	DATE ANALYZED --->	11/04/93		11/05/93		11/04/93		11/22/93		11/21/93		11/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS05	VAL	CNS05	VAL	CNS05	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
319-84-6	alpha-BHC	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
319-85-7	beta-BHC	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
319-86-8	delta-BHC	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
58-89-9	gamma-BHC (Lindane)	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
76-44-8	Heptachlor	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	3.9	J
309-00-2	Aldrin	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
1024-57-3	Heptachlor epoxide	2.	U	2.4	U	2.2	J	2.1	U	2.2	U	11.	
959-98-8	Endosulfan I	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	2.2	U
60-57-1	Dieldrin	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
72-55-9	4,4'-DDE	3.8	U	4.6	U	15.		4.1	U	4.3	U	4.2	U
72-20-8	Endrin	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
33213-65-9	Endosulfan II	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
72-54-8	4,4'-DDD	8.4		4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
1031-07-8	Endosulfan sulfate	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
50-29-3	4,4'-DDT	3.8	U	4.6	U	6.6	J	4.1	U	4.3	U	4.2	U
53494-70-5	Endrin ketone	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U
72-43-5	Methoxychlor	20.	U	24.	U	18.	U	21.	U	22.	U	22.	U
5103-71-9	alpha-Chlordane	2.	U	2.4	U	1.8	U	2.1	U	2.2	U	11.	
5103-74-2	gamma-Chlordane	2.	U	2.4	U	4.4	J	2.8		4.5		51.	D
8001-35-2	Toxaphene	200.	U	240.	U	180.	U	210.	U	220.	U	220.	U
12674-11-2	Aroclor-1016	38.	U	46.	U	36.	U	41.	U	43.	U	42.	U
11104-28-2	Aroclor-1221	78.	U	94.	U	73.	U	83.	U	87.	U	86.	U
11141-16-5	Aroclor-1232	38.	U	46.	U	36.	U	41.	U	43.	U	42.	U
53469-21-9	Aroclor-1242	38.	U	46.	U	36.	U	41.	U	43.	U	42.	U
12672-29-6	Aroclor-1248	38.	U	46.	U	36.	U	41.	U	43.	U	42.	U
11097-69-1	Aroclor-1254	38.	U	46.	U	36.	U	41.	U	43.	U	42.	U
11096-82-5	Aroclor-1260	38.	U	46.	U	36.	U	41.	U	77.		42.	U
7421-93-4	Endrin aldehyde	3.8	U	4.6	U	3.6	U	4.1	U	4.3	U	4.2	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST															
	SAMPLE ID ------->	008-S-B101-93		008-S-B111-93		008-C-B111-93 D		008-S-B112-93		008-S-B121-93		008-S-B122-93	
	ORIGINAL ID ----->	S0881001		S08B1101		S08B111D		S0881102		S08B1201		S0881202	
	LAB SAMPLE ID --->	S345868*5		S345905*1		S345905A*1		S345905*2		S345905*3		S345905*4	
	ID FROM REPORT -->	S0881001		S0881101		S08B111D		S0881102		S08B1201		S0881202	
	SAMPLE DATE ----->	10/17/93		10/18/93		10/18/93		10/19/93		10/18/93		10/18/93	
	DATE EXTRACTED -->	10/19/93		10/20/93		10/20/93		10/20/93		10/20/93		10/20/93	
	DATE ANALYZED --->	10/21/93		10/21/93		10/21/93		10/21/93		10/21/93		10/21/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS14	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
319-84-6	alpha-BHC	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
319-85-7	beta-BHC	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
319-86-8	delta-BHC	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
58-89-9	gamma-BHC (Lindane)	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
76-44-8	Heptachlor	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
309-00-2	Aldrin	2.	U	22.	U	41.	J	2.6	U	2.1	U	7.6	J
1024-57-3	Heptachlor epoxide	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
959-98-8	Endosulfan I	2.	U	22.	U	22.	U	2.6	U	2.1	U	4.	U
60-57-1	Dieldrin	4.	U	42.	U	46.		5.	U	4.	U	7.8	U
72-55-9	4,4'-DDE	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
72-20-8	Endrin	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
33213-65-9	Endosulfan II	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
72-54-8	4,4'-DDD	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
1031-07-8	Endosulfan sulfate	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
50-29-3	4,4'-DDT	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
53494-70-5	Endrin ketone	4.	U	42.	U	43.	U	5.	U	4.	U	7.8	U
72-43-5	Methoxychlor	20.	U	220.	U	220.	U	26.	U	21.	U	40.	U
5103-71-9	alpha-Chlordane	2.	U	22.	U	22.	U	2.6	U	2.8		21.	
5103-74-2	gamma-Chlordane	2.	U	22.	U	22.	U	2.6	U	4.4	J	4.	U
8001-35-2	Toxaphene	200.	U	2200.	U	2200.	U	260.	U	210.	U	400.	U
12674-11-2	Aroclor-1016	40.	U	420.	U	430.	U	50.	U	40.	U	78.	U
11104-28-2	Aroclor-1221	81.	U	860.	U	880.	U	100.	U	82.	U	158.	U
11141-16-5	Aroclor-1232	40.	U	420.	U	430.	U	50.	U	40.	U	78.	U
53469-21-9	Aroclor-1242	40.	U	420.	U	430.	U	50.	U	40.	U	78.	U
12672-29-6	Aroclor-1248	40.	U	420.	U	430.	U	50.	U	40.	U	78.	U
11097-69-1	Aroclor-1254	40.	U	420.	U	430.	U	50.	U	40.	U	78.	U
11096-82-5	Aroclor-1260	40.	U	420.	U	430.	U	50.	U	40.	U	570.	
7421-93-4	Endrin aldehyde	4.	U	42.	U	43.	U	5.	U	4.	U	71.	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B131-93		008-S-B141-93		008-S-B151-93		008-S-B161-93		008-S-B171-93		008-C-B171-93 D	
	ORIGINAL ID ----->	S0881301		S0881401		S0881501		S0881601		S0881701		S088171D	
	LAB SAMPLE ID --->	S345905*5		S345905*6		S345905*7		S345933*1		S345933*2		S345933A*1	
	ID FROM REPORT -->	S0881301		S0881401		S0881501		S0881601		S0881701		S088171D	
	SAMPLE DATE ----->	10/18/93		10/18/93		10/18/93		10/19/93		10/19/93		10/19/93	
	DATE EXTRACTED -->	10/20/93		10/20/93		10/20/93		10/21/93		10/21/93		10/21/93	
	DATE ANALYZED --->	10/21/93		10/21/93		10/21/93		10/25/93		10/25/93		10/25/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS14	VAL
319-84-6	alpha-BHC	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
319-85-7	beta-BHC	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
319-86-8	delta-BHC	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
58-89-9	gamma-BHC (Lindane)	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
76-44-8	Heptachlor	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
309-00-2	Aldrin	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
1024-57-3	Heptachlor epoxide	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
959-98-8	Endosulfan I	2.3	U	2.	U	2.2	U	4.3	U	4.	U	10.	U
60-57-1	Dieldrin	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
72-55-9	4,4'-DDE	4.4	U	12.		4.7	U	28.	J	14.	J	20.	
72-20-8	Endrin	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
33213-65-9	Endosulfan II	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
72-54-8	4,4'-DDD	4.4	U	38.		4.2	U	24.	J	7.8	J	19.	U
1031-07-8	Endosulfan sulfate	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
50-29-3	4,4'-DDT	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
53494-70-5	Endrin ketone	4.4	U	3.9	U	4.2	U	8.4	U	7.7	U	19.	U
72-43-5	Methoxychlor	23.	U	20.	U	22.	U	43.	U	40.	U	100.	U
5103-71-9	alpha-Chlordane	2.3	U	2.	U	2.2	U	7.3	J	4.6	J	10.	
5103-74-2	gamma-Chlordane	2.3	U	2.	U	2.2	U	22.	J	26.	J	40.	J
8001-35-2	Toxaphene	230.	U	200.	U	220.	U	430.	U	400.	U	1000.	U
12674-11-2	Aroclor-1016	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
11104-28-2	Aroclor-1221	89.	U	80.	U	86.	U	170.	U	156.	U	390.	U
11141-16-5	Aroclor-1232	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
53469-21-9	Aroclor-1242	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
12672-29-6	Aroclor-1248	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
11097-69-1	Aroclor-1254	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
11096-82-5	Aroclor-1260	44.	U	39.	U	42.	U	84.	U	77.	U	190.	U
7421-93-4	Endrin aldehyde	4.4	U	4.		4.2	U	8.4	U	7.7	U	19.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST															
		SAMPLE ID ------->	008-S-B181-93		008-S-B191-93		008-S-B192-93		008-S-B201-93		008-S-B201-93 RE		008-S-B202-93		
		ORIGINAL ID ----->	S08B1801		S08B1901		S08B1902		S08B2001		S08B2001RE		S08B2002		
		LAB SAMPLE ID --->	S345933*3		S345933*4		S345933*5		S346088*19		S346088*119		S346088*20		
		ID FROM REPORT -->	S08B1801		S08B1901		S08B1902		S08B2001		S08B2001RE		S08B2002		
		SAMPLE DATE ----->	10/19/93		10/19/93		10/19/93		10/26/93		10/26/93		10/26/93		
		DATE EXTRACTED -->	10/21/93		10/21/93		10/21/93		10/29/93		10/29/93		10/29/93		
		DATE ANALYZED --->	10/25/93		10/25/93		10/25/93								
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		
CAS #	Parameter		CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	
319-84-6	alpha-BHC		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
319-85-7	beta-BHC		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
319-86-8	delta-BHC		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
58-89-9	gamma-BHC (Lindane)		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
76-44-8	Heptachlor		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
309-00-2	Aldrin		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
1024-57-3	Heptachlor epoxide		1.9	U	1.8	J	4.1	U	1.8	U	1.8	U	2.1	U	
959-98-8	Endosulfan I		1.9	U	1.8	U	4.1	U	1.8	U	1.8	U	2.1	U	
60-57-1	Dieldrin		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
72-55-9	4,4'-DDE		5.2		35.	J	110.	J	3.5	U	3.6	U	4.1	U	
72-20-8	Endrin		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
33213-65-9	Endosulfan II		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
72-54-8	4,4'-DDD		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
1031-07-8	Endosulfan sulfate		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
50-29-3	4,4'-DDT		3.8	U	29.	J	200.	J	3.5	U	3.6	U	4.1	U	
53494-70-5	Endrin ketone		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	
72-43-5	Methoxychlor		19.	U	18.	U	8.	U	18.	U	18.	U	21.	U	
5103-71-9	alpha-Chlordane		1.9	U	1.8	U	8.	U	1.8	U	1.8	U	2.1	U	
5103-74-2	gamma-Chlordane		1.9	U	5.1	J	8.4		1.8	U	1.8	U	2.1	U	
8001-35-2	Toxaphene		190.	U	180.	U	410.	U	180.	U	180.	U	210.	U	
12674-11-2	Aroclor-1016		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
11104-28-2	Aroclor-1221		76.	U	71.	U	160.	U	72.	U	73.	U	84.	U	
11141-16-5	Aroclor-1232		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
53469-21-9	Aroclor-1242		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
12672-29-6	Aroclor-1248		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
11097-69-1	Aroclor-1254		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
11096-82-5	Aroclor-1260		38.	U	35.	U	80.	U	35.	U	36.	U	41.	U	
7421-93-4	Endrin aldehyde		3.8	U	3.5	U	8.	U	3.5	U	3.6	U	4.1	U	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B202-93 RE		008-S-B211-93		008-S-B211-93 RE		008-S-B212-93		008-S-B212-93 RE		008-S-B221-93	
	ORIGINAL ID ----->	S0882002RE		S0882101		S0882101RE		S0882102		S0882102RE		S0882201	
	LAB SAMPLE ID --->	S346088*120		S346088*21		S346088*121		S346088*22		S346088*122		S346088*23	
	ID FROM REPORT -->	S0882002RE		S0882101		S0882101RE		S0882102		S0882102RE		S0882201	
	SAMPLE DATE ----->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
319-84-6	alpha-BHC	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
319-85-7	beta-BHC	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
319-86-8	delta-BHC	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
58-89-9	gamma-BHC (Lindane)	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
76-44-8	Heptachlor	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
309-00-2	Aldrin	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
1024-57-3	Heptachlor epoxide	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
959-98-8	Endosulfan I	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
60-57-1	Dieldrin	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
72-55-9	4,4'-DDE	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
72-20-8	Endrin	4.1	U	3.6	U	3.6	U	47.		19.	U	3.8	U
33213-65-9	Endosulfan II	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
72-54-8	4,4'-DDD	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
1031-07-8	Endosulfan sulfate	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
50-29-3	4,4'-DDT	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
53494-70-5	Endrin ketone	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U
72-43-5	Methoxychlor	21.	U	18.	U	18.	U	200.	U	100.	U	20.	U
5103-71-9	alpha-Chlordane	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
5103-74-2	gamma-Chlordane	2.1	U	1.8	U	1.8	U	20.	U	10.	U	2.	U
8001-35-2	Toxaphene	210.	U	180.	U	180.	U	2000.	U	1000.	U	200.	U
12674-11-2	Aroclor-1016	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
11104-28-2	Aroclor-1221	84.	U	73.	U	73.	U	790.	U	400.	U	77.	U
11141-16-5	Aroclor-1232	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
53469-21-9	Aroclor-1242	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
12672-29-6	Aroclor-1248	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
11097-69-1	Aroclor-1254	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
11096-82-5	Aroclor-1260	41.	U	36.	U	36.	U	380.	U	190.	U	38.	U
7421-93-4	Endrin aldehyde	4.1	U	3.6	U	3.6	U	38.	U	19.	U	3.8	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B221-93 RE		008-S-B222-93		008-S-B222-93 RE		008-S-B231-93		008-S-B232-93		008-S-B241-93	
	ORIGINAL ID ----->	S0882201RE		S0882202		S0882202RE		S0882301		S0882302		S0882401	
	LAB SAMPLE ID --->	S346088*123		S346088*24		S346088*124		S346088*25		S346088*26		S346088*27	
	ID FROM REPORT -->	S0882201RE		S0882202		S0882202RE		S0882301		S0882302		S0882401	
	SAMPLE DATE ----->	10/26/93		12/12/93		10/26/93		10/26/93		12/09/93		10/26/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
319-84-6	alpha-BHC	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
319-85-7	beta-BHC	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
319-86-8	delta-BHC	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
58-89-9	gamma-BHC (Lindane)	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
76-44-8	Heptachlor	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
309-00-2	Aldrin	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
1024-57-3	Heptachlor epoxide	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
959-98-8	Endosulfan I	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
60-57-1	Dieldrin	3.8	U	66.	J	19.	U	3.8	U	4.9	U	3.6	U
72-55-9	4,4'-DDE	3.8	U	40.	J	38.		3.8	U	4.9	U	3.6	U
72-20-8	Endrin	3.8	U	38.	U	19.	U	3.8	U	4.9	U	3.6	U
33213-65-9	Endosulfan II	3.8	U	38.	U	19.	J	3.8	U	4.9	U	3.6	U
72-54-8	4,4'-DDD	3.8	U	75.	J	71.		3.8	U	4.9	U	3.6	U
1031-07-8	Endosulfan sulfate	3.8	U	38.	U	19.	U	3.8	U	4.9	U	3.6	U
50-29-3	4,4'-DDT	3.8	U	38.	U	19.	U	3.8	U	4.9	U	3.6	U
53494-70-5	Endrin ketone	3.8	U	38.	U	19.	U	3.8	U	4.9	U	3.6	U
72-43-5	Methoxychlor	20.	U	200.	U	98.	U	19.	U	25.	U	19.	U
5103-71-9	alpha-Chlordane	2.	U	20.	U	9.8	U	1.9	U	2.5	U	1.9	U
5103-74-2	gamma-Chlordane	2.	U	36.	J	34.	J	1.9	U	2.5	U	1.9	U
8001-35-2	Toxaphene	200.	U	2000.	U	980.	U	190.	U	250.	U	190.	U
12674-11-2	Aroclor-1016	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
11104-28-2	Aroclor-1221	77.	U	770.	U	380.	U	76.	U	100.	U	73.	U
11141-16-5	Aroclor-1232	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
53469-21-9	Aroclor-1242	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
12672-29-6	Aroclor-1248	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
11097-69-1	Aroclor-1254	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
11096-82-5	Aroclor-1260	38.	U	380.	U	190.	U	38.	U	49.	U	36.	U
7421-93-4	Endrin aldehyde	3.8	U	55.	J	19.	U	3.8	U	4.9	U	3.6	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B242-93		008-S-B251-93		008-C-B251-93 D		008-S-B252-93		008-S-B261-93		008-S-B262-93	
	ORIGINAL ID ----->	S08B2402		S08B2501		S08B251D		S08B2502		S08B2601		S08B2602	
	LAB SAMPLE ID --->	S346088*28		S346088*29		S346088A*5		S346088*30		S346088*31		S346088*32	
	ID FROM REPORT -->	S08B2402		S08B2501		S08B251D		S08B2502		S08B2601		S08B2602	
	SAMPLE DATE ----->	12/08/93		10/27/93		12/07/93		10/27/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	DATE ANALYZED --->					11/03/93							
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
319-84-6	alpha-BHC	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
319-85-7	beta-BHC	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
319-86-8	delta-BHC	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
58-89-9	gamma-BHC (Lindane)	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
76-44-8	Heptachlor	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
309-00-2	Aldrin	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
1024-57-3	Heptachlor epoxide	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
959-98-8	Endosulfan I	3.7	U	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
60-57-1	Dieldrin	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
72-55-9	4,4'-DDE	47.		3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
72-20-8	Endrin	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
33213-65-9	Endosulfan II	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
72-54-8	4,4'-DDD	130.		3.6	U	3.7	U	3.7	U	4.1	U	23.	P
1031-07-8	Endosulfan sulfate	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
50-29-3	4,4'-DDT	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
53494-70-5	Endrin ketone	7.1	U	3.6	U	3.7	U	3.7	U	4.1	U	4.1	U
72-43-5	Methoxychlor	37.	U	19.	U	19.	U	19.	U	21.	U	21.	U
5103-71-9	alpha-Chlordane	4.2	J	1.9	U	1.9	U	1.9	U	2.1	U	2.1	U
5103-74-2	gamma-Chlordane	19.		1.9	U	1.9	U	1.9	U	2.1	U	8.	P
8001-35-2	Toxaphene	370.	U	190.	U	190.	U	190.	U	210.	U	210.	U
12674-11-2	Aroclor-1016	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
11104-28-2	Aroclor-1221	150.	U	73.	U	74.	U	75.	U	84.	U	82.	U
11141-16-5	Aroclor-1232	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
53469-21-9	Aroclor-1242	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
12672-29-6	Aroclor-1248	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
11097-69-1	Aroclor-1254	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
11096-82-5	Aroclor-1260	71.	U	36.	U	37.	U	37.	U	41.	U	41.	U
7421-93-4	Endrin aldehyde	25.		3.6	U	3.7	U	3.7	U	4.1	U	4.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST													
	SAMPLE ID ------->	008-S-B271-93		008-S-B272-93		008-S-B281-93		008-S-B282-93		008-S-B291-93		008-S-B301-93	
	ORIGINAL ID ----->	S0882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	LAB SAMPLE ID --->	S346088*33		S346088*34		S346088*35		S346088*36		S346088*37		S346088*38	
	ID FROM REPORT -->	S0882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	SAMPLE DATE ----->	12/11/93		10/27/93		12/09/93		10/27/93		12/11/93		10/27/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
319-84-6	alpha-BHC	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
319-85-7	beta-BHC	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
319-86-8	delta-BHC	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
58-89-9	gamma-BHC (Lindane)	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
76-44-8	Heptachlor	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
309-00-2	Aldrin	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
1024-57-3	Heptachlor epoxide	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
959-98-8	Endosulfan I	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
60-57-1	Dieldrin	3.6	U	4.4	U	3.5	U	7.9	P	3.6	U	3.6	U
72-55-9	4,4'-DDE	3.6	U	4.4		3.5	U	27.	D	3.6	U	3.6	U
72-20-8	Endrin	3.6	U	4.4	U	3.5	U	3.9	U	3.6	U	3.6	U
33213-65-9	Endosulfan II	3.6	U	4.4	U	3.5	U	3.9	U	3.6	U	3.6	U
72-54-8	4,4'-DDD	3.6	U	4.4	U	3.5	U	58.	D	3.6	U	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U	4.4	U	3.5	U	3.9	U	3.6	U	3.6	U
50-29-3	4,4'-DDT	3.6	U	4.4	U	3.5	U	3.9	U	3.6	U	3.6	U
53494-70-5	Endrin ketone	3.6	U	4.4	U	3.5	U	6.	P	3.6	U	3.6	U
72-43-5	Methoxychlor	19.	U	22.	U	18.	U	20.	U	18.	U	18.	U
5103-71-9	alpha-Chlordane	1.9	U	2.2	U	1.8	U	2.	U	1.8	U	1.8	U
5103-74-2	gamma-Chlordane	1.9	U	2.8		1.8	U	14.	P	1.8	U	1.8	U
8001-35-2	Toxaphene	190.	U	220.	U	180.	U	200.	U	180.	U	180.	U
12674-11-2	Aroclor-1016	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
11104-28-2	Aroclor-1221	74.	U	89.	U	71.	U	80.	U	73.	U	73.	U
11141-16-5	Aroclor-1232	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
53469-21-9	Aroclor-1242	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
12672-29-6	Aroclor-1248	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
11097-69-1	Aroclor-1254	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
11096-82-5	Aroclor-1260	36.	U	44.	U	35.	U	39.	U	36.	U	36.	U
7421-93-4	Endrin aldehyde	3.6	U	4.4	U	3.5	U	3.9	U	3.6	U	3.6	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

PEST											
	SAMPLE ID ------->	008-S-B302-93		008-C-B302-93 D		008-S-B311-93		008-C-B311-93 D		008-S-B312-93	
	ORIGINAL ID ----->	S0883002		S0883020		S0883101		S0883110		S0883102	
	LAB SAMPLE ID --->	S346088*39		S346088A*6		S346088*40		S346088A*7		S346088*41	
	ID FROM REPORT -->	S0883002		S0883020		S0883101		S0883110		S0883102	
	SAMPLE DATE ----->	12/10/93		12/07/93		10/27/93		12/07/93		12/09/93	
	DATE EXTRACTED -->	10/29/93		10/29/93		10/29/93		10/29/93		10/29/93	
	DATE ANALYZED --->			11/03/93				11/03/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL
319-84-6	alpha-BHC	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
319-85-7	beta-BHC	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
319-86-8	delta-BHC	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
58-89-9	gamma-BHC (Lindane)	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
76-44-8	Heptachlor	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
309-00-2	Aldrin	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
1024-57-3	Heptachlor epoxide	2.1	U	2.	UJ	10.	U	2.6	J	2.6	U
959-98-8	Endosulfan I	2.1	U	2.	UJ	10.	U	2.1	U	2.6	U
60-57-1	Dieldrin	4.1	U	4.	UJ	20.	U	4.	U	5.	U
72-55-9	4,4'-DDE	4.1	U	4.	UJ	72.	J	82.	D	5.	U
72-20-8	Endrin	4.1	U	4.	UJ	20.	U	4.	U	5.	U
33213-65-9	Endosulfan II	4.1	U	4.	UJ	20.	U	4.	U	5.	U
72-54-8	4,4'-DDD	4.1	U	4.	UJ	20.	J	37.	J	5.	U
1031-07-8	Endosulfan sulfate	4.1	U	4.	UJ	20.	U	4.	U	5.	U
50-29-3	4,4'-DDT	4.1	U	4.	UJ	20.	U	25.		5.	U
53494-70-5	Endrin ketone	4.1	U	4.	UJ	20.	U	4.	U	5.	U
72-43-5	Methoxychlor	21.	U	20.	UJ	100.	U	21.	U	26.	U
5103-71-9	alpha-Chlordane	2.1	U	2.	UJ	10.	U	11.		2.6	U
5103-74-2	gamma-Chlordane	2.1	U	2.	UJ	96.		95.	D	2.6	U
8001-35-2	Toxaphene	210.	U	200.	UJ	100.	U	210.	U	260.	U
12674-11-2	Aroclor-1016	41.	U	40.	UJ	200.	U	40.	U	50.	U
11104-28-2	Aroclor-1221	83.	U	81.	UJ	400.	U	82.	U	100.	U
11141-16-5	Aroclor-1232	41.	U	40.	UJ	200.	U	40.	U	50.	U
53469-21-9	Aroclor-1242	41.	U	40.	UJ	200.	U	40.	U	50.	U
12672-29-6	Aroclor-1248	41.	U	40.	UJ	200.	U	40.	U	50.	U
11097-69-1	Aroclor-1254	41.	U	40.	UJ	200.	U	40.	U	50.	U
11096-82-5	Aroclor-1260	41.	U	40.	UJ	200.	U	40.	U	50.	U
7421-93-4	Endrin aldehyde	4.1	U	4.	UJ	20.	U	4.	U	5.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B011-93		008-S-B021-93		008-S-B022-93		008-S-B031-93		008-C-B031-93 D		008-S-B032-93	
	ORIGINAL ID ----->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	LAB SAMPLE ID --->	S345365*1		S345382*1		S345382*5		S345382*2		S345382*4		S345382*3	
	ID FROM REPORT -->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	SAMPLE DATE ----->	09/24/93		09/25/93		09/25/93		09/25/93		09/25/93		09/25/93	
	DATE EXTRACTED -->	09/29/93		09/29/93		09/29/93		09/29/93		09/29/93		09/29/93	
	DATE ANALYZED --->	10/01/93		10/01/93		10/01/93		10/01/93		10/01/93		10/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL
108-95-2	Phenol	380065.	U*F	400.	U	430.	U	380.	U	380.	U	420.	U
95-57-8	2-Chlorophenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
106-46-7	1,4-Dichlorobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
95-50-1	1,2-Dichlorobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
95-48-7	2-Methylphenol (o-Cresol)	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
67-72-1	Hexachloroethane	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
98-95-3	Nitrobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
78-59-1	Isophorone	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
88-75-5	2-Nitrophenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
105-67-9	2,4-Dimethylphenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
120-83-2	2,4-Dichlorophenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
91-20-3	Naphthalene	3800.	U	110.	J	430.	U	380.	U	380.	U	72.	J
106-47-8	4-Chloroaniline	7600.	U	800.	U	870.	U	750.	U	760.	U	840.	U
87-68-3	Hexachlorobutadiene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
91-57-6	2-Methylnaphthalene	3800.	U	160.	J	430.	U	380.	U	380.	U	46.	J
77-47-4	Hexachlorocyclopentadiene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
91-58-7	2-Chloronaphthalene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
88-74-4	2-Nitroaniline	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
131-11-3	Dimethyl phthalate	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
208-96-8	Acenaphthylene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
606-20-2	2,6-Dinitrotoluene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
99-09-2	3-Nitroaniline	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
83-32-9	Acenaphthene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
51-28-5	2,4-Dinitrophenol	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
100-02-7	4-Nitrophenol	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
132-64-9	Dibenzofuran	3800.	U	400.	U	430.	U	380.	U	380.	U	52.	J
121-14-2	2,4-Dinitrotoluene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
84-66-2	Diethylphthalate	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B011-93		008-S-B021-93		008-S-B022-93		008-S-B031-93		008-C-B031-93 D		008-S-B032-93	
	ORIGINAL ID ----->	S08B0101		S08B0201		S08B0202		S08B0301		S08B031D		S08B0302	
	LAB SAMPLE ID --->	S345365*1		S345382*1		S345382*5		S345382*2		S345382*4		S345382*3	
	ID FROM REPORT -->	S08B0101		S08B0201		S08B0202		S08B0301		S08B031D		S08B0302	
	SAMPLE DATE ----->	09/24/93		09/25/93		09/25/93		09/25/93		09/25/93		09/25/93	
	DATE EXTRACTED -->	09/29/93		09/29/93		09/29/93		09/29/93		09/29/93		09/29/93	
	DATE ANALYZED --->	10/01/93		10/01/93		10/01/93		10/01/93		10/01/93		10/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL
86-73-7	Fluorene	3800.	U	400.	U	430.	U	380.	U	380.	U	52.	J
100-01-6	4-Nitroaniline	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
118-74-1	Hexachlorobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
87-86-5	Pentachlorophenol	20000.	U	2000.	U	2200.	U	1900.	U	2000.	U	2200.	U
85-01-8	Phenanthrene	3800.	U	94.	J	430.	U	30.	J	380.	U	810.	
111-44-4	bis(2-Chloroethyl)ether	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
120-12-7	Anthracene	3800.	U	400.	U	430.	U	380.	U	380.	U	180.	J
86-74-8	Carbazole	3800.	U	400.	U	430.	U	380.	U	380.	U	93.	J
84-74-2	Di-n-butylphthalate	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
206-44-0	Fluoranthene	3800.	U	400.	U	430.	U	75.	J	44.	J	1100.	
129-00-0	Pyrene	490.	J	400.	U	430.	U	58.	J	40.	J	1100.	
85-68-7	Butylbenzylphthalate	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	7600.	U	800.	U	870.	U	750.	U	760.	U	840.	U
56-55-3	Benzo(a)anthracene	3800.	U	400.	U	430.	U	380.	U	380.	U	590.	
218-01-9	Chrysene	3800.	U	400.	U	430.	U	57.	J	54.	J	660.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
117-84-0	Di-n-octyl phthalate	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
205-99-2	Benzo(b)fluoranthene	3800.	U	27.	J	430.	U	52.	J	57.	J	1300.	
207-08-9	Benzo(k)fluoranthene	3800.	U	400.	U	430.	U	380.	U	380.	U	370.	J
50-32-8	Benzo(a)pyrene	450.	J	400.	U	430.	U	380.	U	380.	U	790.	
193-39-5	Indeno(1,2,3-cd)pyrene	3800.	U	400.	U	430.	U	380.	U	380.	U	540.	
53-70-3	Dibenz(a,h)anthracene	3800.	U	400.	U	430.	U	380.	U	380.	U	150.	J
191-24-2	Benzo(g,h,i)perylene	3800.	U	400.	U	430.	U	380.	U	380.	U	570.	
106-44-5	4-Methylphenol (p-Cresol)	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U
541-73-1	1,3-Dichlorobenzene	3800.	U	400.	U	430.	U	380.	U	380.	U	420.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B041-93		008-S-B051-93		008-S-B061-93		008-S-B071-93		008-S-B071-93 RE		008-S-B081-93	
	ORIGINAL ID ----->	S0880401		S0880501		S0880601		S0880701		S0880701		S0880801	
	LAB SAMPLE ID --->	S345408*1		S345477*1		S345505*1		S345868*2		S345868*20		S345868*3	
	ID FROM REPORT -->	S0880401		S0880501		S0880601		S0880701		S0880701		S0880801	
	SAMPLE DATE ----->	09/27/93		09/29/93		09/30/93		10/18/93		10/18/93		10/18/93	
	DATE EXTRACTED -->	10/01/93		10/05/93		10/06/93		10/22/93		11/01/93		10/22/93	
	DATE ANALYZED --->	10/05/93		10/08/93		10/08/93		10/27/93		11/03/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS05	VAL	CNS05	VAL	CNS05	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
108-95-2	Phenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
95-57-8	2-Chlorophenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
106-46-7	1,4-Dichlorobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
95-50-1	1,2-Dichlorobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
67-72-1	Hexachloroethane	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
98-95-3	Nitrobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
78-59-1	Isophorone	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
88-75-5	2-Nitrophenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
105-67-9	2,4-Dimethylphenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
120-83-2	2,4-Dichlorophenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
91-20-3	Naphthalene	38.	J	460.	U	360.	U	410.	U	410.	U	430.	U
106-47-8	4-Chloroaniline	780.	U	930.	U	720.	U	810.	U	810.	U	860.	U
87-68-3	Hexachlorobutadiene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
91-57-6	2-Methylnaphthalene	60.	J	460.	U	360.	U	410.	U	410.	U	430.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
91-58-7	2-Chloronaphthalene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
88-74-4	2-Nitroaniline	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
131-11-3	Dimethyl phthalate	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
208-96-8	Acenaphthylene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
606-20-2	2,6-Dinitrotoluene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
99-09-2	3-Nitroaniline	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
83-32-9	Acenaphthene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
51-28-5	2,4-Dinitrophenol	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
100-02-7	4-Nitrophenol	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
132-64-9	Dibenzofuran	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
121-14-2	2,4-Dinitrotoluene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
84-66-2	Diethylphthalate	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B041-93		008-S-B051-93		008-S-B061-93		008-S-B071-93		008-S-B071-93 RE		008-S-B081-93	
	ORIGINAL ID ----->	S0880401		S0880501		S0880601		S0880701		S0880701		S0880801	
	LAB SAMPLE ID --->	S345408*1		S345477*1		S345505*1		S345868*2		S345868*20		S345868*3	
	ID FROM REPORT -->	S0880401		S0880501		S0880601		S0880701		S0880701		S0880801	
	SAMPLE DATE ----->	09/27/93		09/29/93		09/30/93		10/18/93		10/18/93		10/18/93	
	DATE EXTRACTED -->	10/01/93		10/05/93		10/06/93		10/22/93		11/01/93		10/22/93	
	DATE ANALYZED --->	10/05/93		10/08/93		10/08/93		10/27/93		11/03/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS05	VAL	CNS05	VAL	CNS05	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
86-73-7	Fluorene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
100-01-6	4-Nitroaniline	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
118-74-1	Hexachlorobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
87-86-5	Pentachlorophenol	2000.	U	2400.	U	1800.	U	2100.	U	2100.	U	2200.	U
85-01-8	Phenanthrene	67.	J	460.	U	46.	J	410.	U	410.	U	430.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
120-12-7	Anthracene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
86-74-8	Carbazole	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
84-74-2	Di-n-butylphthalate	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
206-44-0	Fluoranthene	44.	J	130.	J	39.	J	410.	U	46.	J	430.	U
129-00-0	Pyrene	88.	J	140.	J	360.	U	410.	U	48.	J	430.	U
85-68-7	Butylbenzylphthalate	390.	U	62.	J	360.	U	410.	U	410.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U	930.	U	720.	U	810.	U	810.	U	860.	U
56-55-3	Benzo(a)anthracene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
218-01-9	Chrysene	390.	U	100.	J	360.	U	410.	U	410.	U	430.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	50.	J	320.	J	360.	U	410.	U	80.	J	430.	U
117-84-0	Di-n-octyl phthalate	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
205-99-2	Benzo(b)fluoranthene	44.	J	86.	J	360.	U	410.	U	410.	U	430.	U
207-08-9	Benzo(k)fluoranthene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
50-32-8	Benzo(a)pyrene	46.	J	36.	J	360.	U	410.	U	410.	U	430.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
53-70-3	Dibenz(a,h)anthracene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
191-24-2	Benzo(g,h,i)perylene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U
541-73-1	1,3-Dichlorobenzene	390.	U	460.	U	360.	U	410.	U	410.	U	430.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B091-93		008-S-B101-93		008-S-B111-93		008-C-B111-93 D		008-S-B112-93		008-S-B121-93	
	ORIGINAL ID ----->	S08B0901		S08B1001		S08B1101		S08B111D		S08B1102		S08B1201	
	LAB SAMPLE ID --->	S345868*4		S345868*5		S345905*1		S345905A*1		S345905*2		S345905*3	
	ID FROM REPORT -->	S0880901		S0881001		S0881101		S0881110		S0881102		S0881201	
	SAMPLE DATE ----->	10/18/93		10/18/93		10/19/93		10/19/93		10/19/93		10/19/93	
	DATE EXTRACTED -->	10/22/93		10/22/93		10/22/93		10/22/93		10/22/93		10/22/93	
	DATE ANALYZED --->	10/27/93		10/27/93		11/04/93		10/27/93		10/27/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS14	VAL	CNS13	VAL	CNS13	VAL
108-95-2	Phenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
95-57-8	2-Chlorophenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
106-46-7	1,4-Dichlorobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
95-50-1	1,2-Dichlorobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
67-72-1	Hexachloroethane	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
98-95-3	Nitrobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
78-59-1	Isophorone	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
88-75-5	2-Nitrophenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
105-67-9	2,4-Dimethylphenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
120-83-2	2,4-Dichlorophenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
91-20-3	Naphthalene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
106-47-8	4-Chloroaniline	850.	U	800.	U	42000.	U	4300.	U	1000.	U	800.	U
87-68-3	Hexachlorobutadiene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
91-57-6	2-Methylnaphthalene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
77-47-4	Hexachlorocyclopentadiene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
91-58-7	2-Chloronaphthalene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
88-74-4	2-Nitroaniline	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
131-11-3	Dimethyl phthalate	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
208-96-8	Acenaphthylene	420.	U	400.	U	21000.	U	2200.	U	500.	U	100.	J
606-20-2	2,6-Dinitrotoluene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
99-09-2	3-Nitroaniline	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
83-32-9	Acenaphthene	420.	U	400.	U	11000.	J	600.	J	500.	U	130.	J
51-28-5	2,4-Dinitrophenol	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
100-02-7	4-Nitrophenol	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
132-64-9	Dibenzofuran	420.	U	400.	U	3800.	J	330.	J	500.	U	400.	U
121-14-2	2,4-Dinitrotoluene	420.	U	400.	U	21000.	U	2200.	U	500.	U	130.	J
84-66-2	Diethylphthalate	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
7005-72-3	4-Chlorophenylphenylether	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B091-93		008-S-B101-93		008-S-B111-93		008-C-B111-93 D		008-S-B112-93		008-S-B121-93	
	ORIGINAL ID ----->	S08B0901		S08B1001		S08B1101		S08B111D		S08B1102		S08B1201	
	LAB SAMPLE ID --->	S345868*4		S345868*5		S345905*1		S345905A*1		S345905*2		S345905*3	
	ID FROM REPORT -->	S08B0901		S08B1001		S08B1101		S08B111D		S08B1102		S08B1201	
	SAMPLE DATE ----->	10/18/93		10/18/93		10/19/93		10/19/93		10/19/93		10/19/93	
	DATE EXTRACTED -->	10/22/93		10/22/93		10/22/93		10/22/93		10/22/93		10/22/93	
	DATE ANALYZED --->	10/27/93		10/27/93		11/04/93		10/27/93		10/27/93		10/27/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS14	VAL	CNS13	VAL	CNS13	VAL
86-73-7	Fluorene	420.	U	400.	U	10000.	J	760.	J	500.	U	240.	J
100-01-6	4-Nitroaniline	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
118-74-1	Hexachlorobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
87-86-5	Pentachlorophenol	2200.	U	2000.	U	110000.	U	11000.	U	2600.	U	2100.	U
85-01-8	Phenanthrene	110.	J	400.	U	120000.		10000.		110.	J	3500.	
111-44-4	bis(2-Chloroethyl)ether	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
120-12-7	Anthracene	420.	U	400.	U	31000.		2200.	J	32.	J	210.	J
86-74-8	Carbazole	420.	U	400.	U	6400.	J	790.	J	500.	U	270.	U
84-74-2	Di-n-butylphthalate	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
206-44-0	Fluoranthene	310.	J	46.	J	200000.		21000.		400.	J	5300.	
129-00-0	Pyrene	310.	J	49.	J	200000.		15000.		400.	J	5600.	
85-68-7	Butylbenzylphthalate	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
91-94-1	3,3'-Dichlorobenzidine	850.	U	800.	U	42000.	U	4300.	U	1000.	U	800.	U
56-55-3	Benzo(a)anthracene	140.	J	400.	U	853000.		7400.		180.	J	660.	
218-01-9	Chrysene	200.	J	400.	U	83000.		7000.		500.	U	2600.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	U	110.	J	21000.	U	2200.	U	500.	U	400.	U
117-84-0	Di-n-octyl phthalate	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
205-99-2	Benzo(b)fluoranthene	190.	J	400.	U	76000.		7500.		210.	J	2700.	
207-08-9	Benzo(k)fluoranthene	420.	U	400.	U	38000.		3500.		100.	J	760.	
50-32-8	Benzo(a)pyrene	100.	J	400.	U	58000.		5200.		140.	J	480.	
193-39-5	Indeno(1,2,3-cd)pyrene	420.	U	400.	U	34000.		2800.	J	500.	U	400.	U
53-70-3	Dibenz(a,h)anthracene	420.	U	400.	U	8200.	J	910.	J	500.	U	400.	U
191-24-2	Benzo(g,h,i)perylene	420.	U	400.	U	29000.		2700.	J	500.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U
541-73-1	1,3-Dichlorobenzene	420.	U	400.	U	21000.	U	2200.	U	500.	U	400.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B122-93		008-S-B131-93		008-S-B141-93		008-S-B151-93		008-S-B161-93		008-S-B171-93	
	ORIGINAL ID ----->	S0881202		S0881301		S0881401		S0881501		S0881601		S0881701	
	LAB SAMPLE ID --->	S345905*4		S345905*5		S345905*6		S345905*7		S345933*1		S345933*2	
	ID FROM REPORT -->	S0881202		S0881301		S0881401		S0881501		S0881601		S0881701	
	SAMPLE DATE ----->	10/19/93		10/19/93		10/19/93		10/19/93		10/20/93		10/20/93	
	DATE EXTRACTED -->	10/22/93		10/22/93		10/22/93		10/22/93		10/25/93		10/25/93	
	DATE ANALYZED --->	10/28/93		10/27/93		10/27/93		10/27/93		10/26/93		10/26/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
108-95-2	Phenol	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
95-57-8	2-Chlorophenol	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
106-46-7	1,4-Dichlorobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
95-50-1	1,2-Dichlorobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
67-72-1	Hexachloroethane	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
98-95-3	Nitrobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
78-59-1	Isophorone	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
88-75-5	2-Nitrophenol	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
105-67-9	2,4-Dimethylphenol	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
120-83-2	2,4-Dichlorophenol	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
91-20-3	Naphthalene	12000.	J	440.	U	200.	J	420.	U	420.	U	380.	U
106-47-8	4-Chloroaniline	39000.	U	880.	U	780.	J	850.	U	830.	U	760.	U
87-68-3	Hexachlorobutadiene	19000.	U	440.	U	390.	U	720.	U	420.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	19000.	U	440.	U	390.	U	720.	U	420.	U	380.	U
91-57-6	2-Methylnaphthalene	63000.		37.	J	330.	J	720.	U	420.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	19000.	U	440.	U	390.	U	720.	U	420.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	19000.	U	440.	U	390.	U	720.	U	420.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
91-58-7	2-Chloronaphthalene	19000.	U	440.	U	390.	U	720.	U	420.	U	380.	U
88-74-4	2-Nitroaniline	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
131-11-3	Dimethyl phthalate	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
208-96-8	Acenaphthylene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
606-20-2	2,6-Dinitrotoluene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
99-09-2	3-Nitroaniline	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
83-32-9	Acenaphthene	19000.	U	440.	U	390.	U	140.	J	420.	U	260.	J
51-28-5	2,4-Dinitrophenol	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
100-02-7	4-Nitrophenol	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
132-64-9	Dibenzofuran	19000.	U	440.	U	68.	J	280.	J	420.	U	91.	J
121-14-2	2,4-Dinitrotoluene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
84-66-2	Diethylphthalate	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B122-93		008-S-B131-93		008-S-B141-93		008-S-B151-93		008-S-B161-93		008-S-B171-93	
	ORIGINAL ID ----->	S08B1202		S08B1301		S08B1401		S08B1501		S08B1601		S08B1701	
	LAB SAMPLE ID --->	S345905*4		S345905*5		S345905*6		S345905*7		S345933*1		S345933*2	
	ID FROM REPORT -->	S08B1202		S08B1301		S08B1401		S08B1501		S08B1601		S08B1701	
	SAMPLE DATE ----->	10/19/93		10/19/93		10/19/93		10/19/93		10/20/93		10/20/93	
	DATE EXTRACTED -->	10/22/93		10/22/93		10/22/93		10/22/93		10/25/93		10/25/93	
	DATE ANALYZED --->	10/28/93		10/27/93		10/27/93		10/27/93		10/26/93		10/26/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
86-73-7	Fluorene	19000.	U	440.	U	390.	U	150.	J	420.	U	220.	J
100-01-6	4-Nitroaniline	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
118-74-1	Hexachlorobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
87-86-5	Pentachlorophenol	100000.	U	2300.	U	2000.	U	2200.	U	2100.	U	2000.	U
85-01-8	Phenanthrene	42000.		78.	J	220.	J	3000.		420.	U	1400.	
111-44-4	bis(2-Chloroethyl)ether	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
120-12-7	Anthracene	7100.	J	440.	U	36.	J	90.	J	420.	U	380.	U
86-74-8	Carbazole	19000.	U	440.	U	390.	U	190.	J	420.	U	130.	J
84-74-2	Di-n-butylphthalate	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
206-44-0	Fluoranthene	7500.	J	60.	J	290.	J	2200.		210.	J	1700.	
129-00-0	Pyrene	30000.		180.	J	620.		3700.		360.	J	1600.	
85-68-7	Butylbenzylphthalate	19000.	U	440.	U	52.	J	420.	U	420.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	39000.	U	880.	U	780.	U	850.	U	830.	U	760.	U
56-55-3	Benzo(a)anthracene	19000.	U	440.	U	390.	U	200.	J	420.	U	1100.	
218-01-9	Chrysene	9300.	J	440.	U	260.	J	620.		380.	J	1200.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	19000.	U	440.	U	370.	J	420.	U	140.	J	380.	U
117-84-0	Di-n-octyl phthalate	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
205-99-2	Benzo(b)fluoranthene	19000.	U	440.	U	390.	U	400.	J	130.	J	1200.	
207-08-9	Benzo(k)fluoranthene	5100.	J	440.	U	70.	J	180.	J	420.	U	450.	
50-32-8	Benzo(a)pyrene	3800.	J	440.	U	110.	J	120.	J	65.	J	920.	
193-39-5	Indeno(1,2,3-cd)pyrene	19000.	U	440.	U	99.	J	420.	U	420.	U	500.	
53-70-3	Dibenz(a,h)anthracene	19000.	U	440.	U	390.	U	420.	U	420.	U	160.	J
191-24-2	Benzo(g,h,i)perylene	19000.	U	440.	U	120.	J	94.	J	420.	U	480.	
106-44-5	4-Methylphenol (p-Cresol)	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U
541-73-1	1,3-Dichlorobenzene	19000.	U	440.	U	390.	U	420.	U	420.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA															
	SAMPLE ID ------->	008-C-B171-93 D		008-S-B181-93		008-S-B191-93		008-S-B192-93		008-S-B201-93		008-S-B202-93	
	ORIGINAL ID ----->	S088171D		S0881801		S0881901		S0881902		S0882001		S0882002	
	LAB SAMPLE ID --->	S345933A*1		S345933*3		S345933*4		S345933*5		S346088*19		S346088*20	
	ID FROM REPORT -->	S088171D		S0881801		S0881901		S0881902		S0882001		S0882002	
	SAMPLE DATE ----->	10/20/93		10/20/93		10/20/93		10/20/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/25/93		10/25/93		10/25/93		10/25/93					
	DATE ANALYZED --->	10/26/93		11/19/93		10/27/93		10/27/93				11/03/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS14	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS18	VAL	CNS18	VAL
108-95-2	Phenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
95-57-8	2-Chlorophenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
106-46-7	1,4-Dichlorobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
95-50-1	1,2-Dichlorobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
67-72-1	Hexachloroethane	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
98-95-3	Nitrobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
78-59-1	Isophorone	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
88-75-5	2-Nitrophenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
105-67-9	2,4-Dimethylphenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
120-83-2	2,4-Dichlorophenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
91-20-3	Naphthalene	130.	J	430.	J	340.	U	400.	U	90.	J	410.	U
106-47-8	4-Chloroaniline	770.	U	3000.	U	680.	U	790.	U	710.	U	820.	U
87-68-3	Hexachlorobutadiene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
91-57-6	2-Methylnaphthalene	180.	J	500.	J	340.	U	400.	U	110.	J	410.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
95-95-4	2,4,5-Trichlorophenol	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
91-58-7	2-Chloronaphthalene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
88-74-4	2-Nitroaniline	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
131-11-3	Dimethyl phthalate	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
208-96-8	Acenaphthylene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
606-20-2	2,6-Dinitrotoluene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
99-09-2	3-Nitroaniline	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
83-32-9	Acenaphthene	800.		2200.		340.	U	400.	U	350.	U	410.	U
51-28-5	2,4-Dinitrophenol	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
100-02-7	4-Nitrophenol	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
132-64-9	Dibenzofuran	290.	J	950.	J	340.	U	400.	U	350.	U	410.	U
121-14-2	2,4-Dinitrotoluene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
84-66-2	Diethylphthalate	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
7005-72-3	4-Chlorophenylphenylether	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-C-B171-93 D		008-S-B181-93		008-S-B191-93		008-S-B192-93		008-S-B201-93		008-S-B202-93	
	ORIGINAL ID ----->	S088171D		S088181		S088190		S088190		S088200		S088200	
	LAB SAMPLE ID --->	S345933A*1		S345933*3		S345933*4		S345933*5		S346088*19		S346088*20	
	ID FROM REPORT -->	S088171D		S088181		S088190		S088190		S088200		S088200	
	SAMPLE DATE ----->	10/20/93		10/20/93		10/20/93		10/20/93		10/27/93		10/27/93	
	DATE EXTRACTED -->	10/25/93		10/25/93		10/25/93		10/25/93					
	DATE ANALYZED --->	10/26/93		11/19/93		10/27/93		10/27/93				11/03/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS14	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS18	VAL	CNS18	VAL
86-73-7	Fluorene	670.		1900.		340.	U	400.	U	350.	U	410.	U
100-01-6	4-Nitroaniline	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
118-74-1	Hexachlorobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
87-86-5	Pentachlorophenol	2000.	U	7600.	U	1800.	U	2000.	U	1800.	U	2100.	U
85-01-8	Phenanthrene	3800.		10000.		44.	J	400.	U	55.	J	410.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
120-12-7	Anthracene	1200.		3500.		340.	U	400.	U	350.	U	410.	U
86-74-8	Carbazole	390.	J	1200.	J	340.	U	400.	U	350.	U	410.	U
84-74-2	Di-n-butylphthalate	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
206-44-0	Fluoranthene	3800.		12000.		69.	J	24.	J	350.	U	78.	J
129-00-0	Pyrene	4400.		13000.		150.	J	64.	J	350.	U	410.	U
85-68-7	Butylbenzylphthalate	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
91-94-1	3,3'-Dichlorobenzidine	770.	U	3000.	U	680.	U	790.	U	710.	U	820.	U
56-55-3	Benzo(a)anthracene	2800.		7700.		340.	U	400.	U	350.	U	410.	U
218-01-9	Chrysene	3100.		7600.		64.	J	400.	U	350.	U	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	390.	U	1500.	U	78.	J	400.	U	350.	U	410.	U
117-84-0	Di-n-octyl phthalate	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
205-99-2	Benzo(b)fluoranthene	2800.		9200.		98.	J	84.	J	350.	U	410.	U
207-08-9	Benzo(k)fluoranthene	1100.		2800.		340.	U	400.	U	350.	U	410.	U
50-32-8	Benzo(a)pyrene	2200.		6700.		59.	J	400.	U	350.	U	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1200.		2600.		340.	U	400.	U	350.	U	410.	U
53-70-3	Dibenz(a,h)anthracene	360.	J	830.	J	340.	U	400.	U	350.	U	410.	U
191-24-2	Benzo(g,h,i)perylene	1000.		2100.		340.	U	400.	U	350.	U	410.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U
541-73-1	1,3-Dichlorobenzene	390.	U	1500.	U	340.	U	400.	U	350.	U	410.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B211-93		008-S-B212-93		008-S-B221-93		008-S-B222-93		008-S-B231-93		008-S-B232-93	
	ORIGINAL ID ----->	S08B2101		S08B2102		S08B2201		S08B2202		S08B2301		S08B2302	
	LAB SAMPLE ID --->	S346088*21		S346088*22		S346088*23		S346088*24		S346088*25		S346088*26	
	ID FROM REPORT -->	S08B2101		S08B2102		S08B2201		S08B2202		S08B2301		S08B2302	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->			11/03/93				11/03/93				11/03/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
108-95-2	Phenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
95-57-8	2-Chlorophenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
106-46-7	1,4-Dichlorobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
95-50-1	1,2-Dichlorobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
95-48-7	2-Methylphenol (o-Cresol)	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
67-72-1	Hexachloroethane	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
98-95-3	Nitrobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
78-59-1	Isophorone	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
88-75-5	2-Nitrophenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
105-67-9	2,4-Dimethylphenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
111-91-1	bis(2-Chloroethoxy)methane	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
120-83-2	2,4-Dichlorophenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
91-20-3	Naphthalene	360.	U	670.		380.	U	380.	U	380.	U	490.	U
106-47-8	4-Chloroaniline	720.	U	780.	U	760.	U	760.	U	750.	U	980.	U
87-68-3	Hexachlorobutadiene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
59-50-7	4-Chloro-3-methylphenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
91-57-6	2-Methylnaphthalene	360.	U	1000.		380.	U	380.	J	380.	U	490.	U
77-47-4	Hexachlorocyclopentadiene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
88-06-2	2,4,6-Trichlorophenol	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
91-58-7	2-Chloronaphthalene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
88-74-4	2-Nitroaniline	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
131-11-3	Dimethyl phthalate	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
208-96-8	Acenaphthylene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
606-20-2	2,6-Dinitrotoluene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
99-09-2	3-Nitroaniline	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
83-32-9	Acenaphthene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
51-28-5	2,4-Dinitrophenol	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
100-02-7	4-Nitrophenol	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
132-64-9	Dibenzofuran	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
121-14-2	2,4-Dinitrotoluene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
84-66-2	Diethylphthalate	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
7005-72-3	4-Chlorophenylphenylether	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
86-73-7	Fluorene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B211-93		008-S-B212-93		008-S-B221-93		008-S-B222-93		008-S-B231-93		008-S-B232-93	
	ORIGINAL ID ----->	S0882101		S0882102		S0882201		S0882202		S0882301		S0882302	
	LAB SAMPLE ID --->	S346088*21		S346088*22		S346088*23		S346088*24		S346088*25		S346088*26	
	ID FROM REPORT -->	S0882101		S0882102		S0882201		S0882202		S0882301		S0882302	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->			11/03/93				11/03/93				11/03/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
100-01-6	4-Nitroaniline	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
86-30-6	N-Nitrosodiphenylamine	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
101-55-3	4-Bromophenyl-phenylether	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
118-74-1	Hexachlorobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
87-86-5	Pentachlorophenol	1800.	U	2000.	U	2000.	U	2000.	U	1900.	U	2500.	U
85-01-8	Phenanthrene	360.	U	1700.		380.	U	790.		380.	U	490.	U
111-44-4	bis(2-Chloroethyl)ether	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
120-12-7	Anthracene	360.	U	600.		380.	U	480.		380.	U	490.	U
86-74-8	Carbazole	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
84-74-2	Di-n-butylphthalate	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
206-44-0	Fluoranthene	360.	U	350.	J	380.	U	1100.		380.	U	68.	J
129-00-0	Pyrene	360.	U	2300.		380.	U	2900.		380.	U	53.	J
85-68-7	Butylbenzylphthalate	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
91-94-1	3,3'-Dichlorobenzidine	720.	U	780.	U	760.	U	760.	U	750.	U	980.	U
56-55-3	Benzo(a)anthracene	360.	U	200.	J	380.	U	380.	U	380.	U	490.	U
218-01-9	Chrysene	360.	U	390.	U	380.	U	380.	U	380.	U	46.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
117-84-0	Di-n-octyl phthalate	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
205-99-2	Benzo(b)fluoranthene	360.	U	390.	U	380.	U	760.		380.	U	67.	J
207-08-9	Benzo(k)fluoranthene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
50-32-8	Benzo(a)pyrene	360.	U	490.		380.	U	850.		380.	U	35.	J
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
53-70-3	Dibenz(a,h)anthracene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
191-24-2	Benzo(g,h,i)perylene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
106-44-5	4-Methylphenol (p-Cresol)	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U
541-73-1	1,3-Dichlorobenzene	360.	U	390.	U	380.	U	380.	U	380.	U	490.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B241-93		008-S-B242-93		008-S-B251-93		008-C-B251-93 D		008-S-B252-93		008-S-B261-93	
	ORIGINAL ID ------>	S0882401		S0882402		S0882501		S0882510		S0882502		S0882601	
	LAB SAMPLE ID --->	S346088*27		S346088*28		S346088*29		S346088A*5		S346088*30		S346088*31	
	ID FROM REPORT -->	S0882401		S0882402		S0882501		S0882510		S0882502		S0882601	
	SAMPLE DATE ------>	10/27/93		10/27/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE EXTRACTED -->							11/02/93					
	DATE ANALYZED --->							11/08/93				11/04/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS19	VAL
108-95-2	Phenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
95-57-8	2-Chlorophenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
106-46-7	1,4-Dichlorobenzene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
95-50-1	1,2-Dichlorobenzene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
95-48-7	2-Methylphenol (o-Cresol)	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
67-72-1	Hexachloroethane	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
98-95-3	Nitrobenzene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
78-59-1	Isophorone	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
88-75-5	2-Nitrophenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
105-67-9	2,4-Dimethylphenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
120-83-2	2,4-Dichlorophenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
91-20-3	Naphthalene	130.	J	220.	J	370.	U	360.	U	370.	U	420.	U
106-47-8	4-Chloroaniline	730.	U	720.	U	730.	U	720.	U	750.	U	840.	U
87-68-3	Hexachlorobutadiene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
91-57-6	2-Methylnaphthalene	180.	J	320.	J	370.	U	360.	U	370.	U	420.	U
77-47-4	Hexachlorocyclopentadiene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
88-06-2	2,4,6-Trichlorophenol	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
91-58-7	2-Chloronaphthalene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
88-74-4	2-Nitroaniline	1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
131-11-3	Dimethyl phthalate	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
208-96-8	Acenaphthylene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
606-20-2	2,6-Dinitrotoluene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
99-09-2	3-Nitroaniline	1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
83-32-9	Acenaphthene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
51-28-5	2,4-Dinitrophenol	1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
100-02-7	4-Nitrophenol	1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
132-64-9	Dibenzofuran	42.	J	360.	U	370.	U	360.	U	370.	U	420.	U
121-14-2	2,4-Dinitrotoluene	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
84-66-2	Diethylphthalate	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
7005-72-3	4-Chlorophenylphenylether	370.	U	360.	U	370.	U	360.	U	370.	U	420.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
		SAMPLE ID ------->	008-S-B241-93		008-S-B242-93		008-S-B251-93		008-C-B251-93 D		008-S-B252-93		008-S-B261-93	
		ORIGINAL ID ----->	S0882401		S0882402		S0882501		S088251D		S0882502		S0882601	
		LAB SAMPLE ID --->	S346088*27		S346088*28		S346088*29		S346088A*5		S346088*30		S346088*31	
		ID FROM REPORT -->	S0882401		S0882402		S0882501		S088251D		S0882502		S0882601	
		SAMPLE DATE ----->	10/27/93		10/27/93		10/28/93		10/28/93		10/28/93		10/28/93	
		DATE EXTRACTED -->							11/02/93					
		DATE ANALYZED --->							11/08/93				11/04/93	
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
		UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter		CNS18	VAL	CNS18	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS19	VAL
86-73-7	Fluorene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
100-01-6	4-Nitroaniline		1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
86-30-6	N-Nitrosodiphenylamine		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
101-55-3	4-Bromophenyl-phenylether		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
118-74-1	Hexachlorobenzene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
87-86-5	Pentachlorophenol		1900.	U	1800.	U	1900.	U	1900.	U	1900.	U	2200.	U
85-01-8	Phenanthrene		95.	J	300.	J	75.	J	100.	J	39.	J	420.	U
111-44-4	bis(2-Chloroethyl)ether		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
120-12-7	Anthracene		370.	U	73.	J	370.	U	360.	U	370.	U	420.	U
86-74-8	Carbazole		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
84-74-2	Di-n-butylphthalate		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
206-44-0	Fluoranthene		370.	U	670.		180.	J	210.	J	370.	U	35.	J
129-00-0	Pyrene		370.	U	2300.		190.	J	230.	J	54.	J	49.	J
85-68-7	Butylbenzylphthalate		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine		730.	U	720.	U	730.	U	720.	U	750.	U	840.	U
56-55-3	Benzo(a)anthracene		370.	U	460.		370.	U	360.	U	370.	U	420.	U
218-01-9	Chrysene		370.	U	670.		370.	U	68.	J	370.	U	420.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
117-84-0	Di-n-octyl phthalate		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
205-99-2	Benzo(b)fluoranthene		370.	U	630.		370.	U	360.	U	370.	U	420.	U
207-08-9	Benzo(k)fluoranthene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
50-32-8	Benzo(a)pyrene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
193-39-5	Indeno(1,2,3-cd)pyrene		370.	U	250.	J	370.	U	360.	U	370.	U	420.	U
53-70-3	Dibenz(a,h)anthracene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
191-24-2	Benzo(g,h,i)perylene		370.	U	160.	J	370.	U	360.	U	370.	U	420.	U
106-44-5	4-Methylphenol (p-Cresol)		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U
541-73-1	1,3-Dichlorobenzene		370.	U	360.	U	370.	U	360.	U	370.	U	420.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B262-93		008-S-B271-93		008-S-B272-93		008-S-B281-93		008-S-B282-93		008-S-B291-93	
	ORIGINAL ID ----->	S08B2602		S08B2701		S08B2702		S08B2801		S08B2802		S08B2901	
	LAB SAMPLE ID --->	S346088*32		S346088*33		S346088*34		S346088*35		S346088*36		S346088*37	
	ID FROM REPORT -->	S08B2602		S08B2701		S08B2702		S08B2801		S08B2802		S08B2901	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE ANALYZED --->			11/04/93				11/05/93				11/06/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
108-95-2	Phenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
95-57-8	2-Chlorophenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
106-46-7	1,4-Dichlorobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
95-50-1	1,2-Dichlorobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
95-48-7	2-Methylphenol (o-Cresol)	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
67-72-1	Hexachloroethane	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
98-95-3	Nitrobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
78-59-1	Isophorone	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
88-75-5	2-Nitrophenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
105-67-9	2,4-Dimethylphenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
120-83-2	2,4-Dichlorophenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
91-20-3	Naphthalene	410.	U	370.	U	440.	U	360.	U	250.	J	370.	U
106-47-8	4-Chloroaniline	810.	U	730.	U	880.	U	720.	U	1600.	U	730.	U
87-68-3	Hexachlorobutadiene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
59-50-7	4-Chloro-3-methylphenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
91-57-6	2-Methylnaphthalene	180.	J	370.	U	440.	U	360.	U	780.	U	370.	U
77-47-4	Hexachlorocyclopentadiene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
88-06-2	2,4,6-Trichlorophenol	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
95-95-4	2,4,5-Trichlorophenol	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
91-58-7	2-Chloronaphthalene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
88-74-4	2-Nitroaniline	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
131-11-3	Dimethyl phthalate	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
208-96-8	Acenaphthylene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
606-20-2	2,6-Dinitrotoluene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
99-09-2	3-Nitroaniline	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
83-32-9	Acenaphthene	410.	U	370.	U	440.	U	360.	U	830.		370.	U
51-28-5	2,4-Dinitrophenol	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
100-02-7	4-Nitrophenol	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
132-64-9	Dibenzofuran	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
121-14-2	2,4-Dinitrotoluene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
84-66-2	Diethylphthalate	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
7005-72-3	4-Chlorophenylphenylether	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
86-73-7	Fluorene	410.	U	370.	U	440.	U	360.	U	780.	J	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B262-93		008-S-B271-93		008-S-B272-93		008-S-B281-93		008-S-B282-93		008-S-B291-93	
	ORIGINAL ID ----->	S0882602		S0882701		S0882702		S0882801		S0882802		S0882901	
	LAB SAMPLE ID --->	S346088*32		S346088*33		S346088*34		S346088*35		S346088*36		S346088*37	
	ID FROM REPORT -->	S0882602		S0882701		S0882702		S0882801		S0882802		S0882901	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE ANALYZED --->			11/04/93				11/05/93				11/06/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
100-01-6	4-Nitroaniline	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
86-30-6	N-Nitrosodiphenylamine	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
101-55-3	4-Bromophenyl-phenylether	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
118-74-1	Hexachlorobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
87-86-5	Pentachlorophenol	2100.	U	1900.	U	2300.	U	1800.	U	4000.	U	1900.	U
85-01-8	Phenanthrene	410.	U	370.	U	440.	U	360.	U	4500.		370.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
120-12-7	Anthracene	410.	U	370.	U	440.	U	360.	U	1200.		370.	U
86-74-8	Carbazole	410.	U	370.	U	440.	U	360.	U	320.	J	370.	U
84-74-2	Di-n-butylphthalate	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
206-44-0	Fluoranthene	410.	U	150.	J	440.	U	64.	J	3700.		41.	J
129-00-0	Pyrene	1300.		280.	J	67.	J	64.	J	5800.		47.	J
85-68-7	Butylbenzylphthalate	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U	730.	U	880.	U	720.	U	1600.	U	730.	U
56-55-3	Benzo(a)anthracene	410.	U	370.	U	440.	U	360.	U	2400.		370.	U
218-01-9	Chrysene	320.	J	130.	J	440.	U	360.	U	2300.		370.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	370.	U	440.	U	360.	U	750.	U	370.	U
117-84-0	Di-n-octyl phthalate	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
205-99-2	Benzo(b)fluoranthene	120.	J	370.	U	440.	U	360.	U	2400.		370.	U
207-08-9	Benzo(k)fluoranthene	410.	U	120.	J	440.	U	360.	U	730.	J	370.	U
50-32-8	Benzo(a)pyrene	160.	J	370.	U	440.	U	360.	U	1600.		370.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U	370.	U	440.	U	360.	U	760.	J	370.	U
53-70-3	Dibenz(a,h)anthracene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
191-24-2	Benzo(g,h,i)perylene	410.	U	370.	U	440.	U	360.	U	750.	J	370.	U
106-44-5	4-Methylphenol (p-Cresol)	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U
541-73-1	1,3-Dichlorobenzene	410.	U	370.	U	440.	U	360.	U	780.	U	370.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B301-93		008-S-B302-93		008-C-B302-93 D		008-S-B311-93		008-C-B311-93 D		008-S-B312-93	
	ORIGINAL ID ----->	S08B3001		S08B3002		S08B302D		S08B3101		S08B311D		S08B3102	
	LAB SAMPLE ID --->	S346088*38		S346088*39		S346088A*6		S346088*40		S346088A*7		S346088*41	
	ID FROM REPORT -->	S08B3001		S08B3002		S08B302D		S08B3101		S08B311D		S08B3102	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE EXTRACTED -->					11/02/93				11/02/93			
	DATE ANALYZED --->			11/06/93		11/08/93				11/12/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL
108-95-2	Phenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
95-57-8	2-Chlorophenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
106-46-7	1,4-Dichlorobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
95-50-1	1,2-Dichlorobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
95-48-7	2-Methylphenol (o-Cresol)	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	NR		NR		NR		NR		NR		NR	
621-64-7	N-Nitroso-di-n-propylamine	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
67-72-1	Hexachloroethane	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
98-95-3	Nitrobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
78-59-1	Isophorone	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
88-75-5	2-Nitrophenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
105-67-9	2,4-Dimethylphenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
111-91-1	bis(2-Chloroethoxy)methane	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
120-83-2	2,4-Dichlorophenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
91-20-3	Naphthalene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
106-47-8	4-Chloroaniline	720.	U	840.	U	780.	U	8000.	U	8000.	U	770.	U
87-68-3	Hexachlorobutadiene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
59-50-7	4-Chloro-3-methylphenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
91-57-6	2-Methylnaphthalene	360.	U	160.	J	90.	J	4000.	U	4000.	U	380.	U
77-47-4	Hexachlorocyclopentadiene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
88-06-2	2,4,6-Trichlorophenol	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
95-95-4	2,4,5-Trichlorophenol	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
91-58-7	2-Chloronaphthalene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
88-74-4	2-Nitroaniline	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
131-11-3	Dimethyl phthalate	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
208-96-8	Acenaphthylene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
606-20-2	2,6-Dinitrotoluene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
99-09-2	3-Nitroaniline	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
83-32-9	Acenaphthene	360.	U	93.	J	390.	U	5300.		4100.		380.	U
51-28-5	2,4-Dinitrophenol	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
100-02-7	4-Nitrophenol	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
132-64-9	Dibenzofuran	360.	U	420.	U	390.	U	1600.	J	1200.	J	380.	U
121-14-2	2,4-Dinitrotoluene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
84-66-2	Diethylphthalate	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
7005-72-3	4-Chlorophenylphenylether	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

SVOA													
	SAMPLE ID ------->	008-S-B301-93		008-S-B302-93		008-C-B302-93 D		008-S-B311-93		008-C-B311-93 D		008-S-B312-93	
	ORIGINAL ID ----->	S08B3001		S08B3002		S08B302D		S08B3101		S08B311D		S08B3102	
	LAB SAMPLE ID --->	S346088*38		S346088*39		S346088A*6		S346088*40		S346088A*7		S346088*41	
	ID FROM REPORT -->	S08B3001		S08B3002		S08B302D		S08B3101		S08B311D		S08B3102	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE EXTRACTED -->					11/02/93				11/02/93			
	DATE ANALYZED --->			11/06/93		11/08/93				11/12/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL
86-73-7	Fluorene	360.	U	420.	U	390.	U	4300.		3100.	J	380.	U
100-01-6	4-Nitroaniline	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
86-30-6	N-Nitrosodiphenylamine	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
101-55-3	4-Bromophenyl-phenylether	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
118-74-1	Hexachlorobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
87-86-5	Pentachlorophenol	1800.	U	2200.	U	2000.	U	20000.	U	20000.	U	2000.	U
85-01-8	Phenanthrene	140.	J	590.		390.	U	24000.		19000.		380.	U
111-44-4	bis(2-Chloroethyl)ether	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
120-12-7	Anthracene	360.	U	110.	J	390.	U	8300.		6100.		380.	U
86-74-8	Carbazole	360.	U	420.	U	390.	U	2200.	J	1600.	J	380.	U
84-74-2	Di-n-butylphthalate	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
206-44-0	Fluoranthene	170.	J	81.	J	85.	J	32000.		27000.		42.	J
129-00-0	Pyrene	150.	J	300.		280.	J	30000.		24000.		53.	J
85-68-7	Butylbenzylphthalate	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
91-94-1	3,3'-Dichlorobenzidine	720.	U	840.	U	780.	U	8000.	U	8000.	U	770.	U
56-55-3	Benzo(a)anthracene	360.	U	420.	U	390.	U	18000.		14000.		380.	U
218-01-9	Chrysene	360.	U	150.	J	91.	J	21000.		17000.		380.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
117-84-0	Di-n-octyl phthalate	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
205-99-2	Benzo(b)fluoranthene	360.	U	420.	U	390.	U	20000.		16000.		380.	U
207-08-9	Benzo(k)fluoranthene	360.	U	420.	U	390.	U	7600.		7200.		380.	U
50-32-8	Benzo(a)pyrene	360.	U	66.	J	49.	J	15000.		13000.		380.	U
193-39-5	Indeno(1,2,3-cd)pyrene	360.	U	420.	U	390.	U	7800.		6100.		380.	U
53-70-3	Dibenz(a,h)anthracene	360.	U	420.	U	390.	U	2900.	J	1900.	J	380.	U
191-24-2	Benzo(g,h,i)perylene	360.	U	420.	U	390.	U	6400.		5100.		380.	U
106-44-5	4-Methylphenol (p-Cresol)	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
39638-32-9	Bis(2-Chloroisopropyl)Ether	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U
541-73-1	1,3-Dichlorobenzene	360.	U	420.	U	390.	U	4000.	U	4000.	U	380.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B011-93		008-S-B021-93		008-S-B022-93		008-S-B031-93		008-C-B031-93 D		008-S-B032-93	
	ORIGINAL ID ----->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	LAB SAMPLE ID --->	S345365*1		S345382*1		S345382*5		S345382*2		S345382*4		S345382*3	
	ID FROM REPORT -->	S0880101		S0880201		S0880202		S0880301		S0880310		S0880302	
	SAMPLE DATE ----->	09/24/93		09/25/93		09/25/93		09/25/93		09/25/93		09/25/93	
	DATE ANALYZED --->	10/09/93		10/09/93		10/09/93		10/09/93		10/09/93		10/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL	CNS03	VAL
74-87-3	Chloromethane	11.	U	12.	U	13.	U	11.	U	11.	U	13.	U
74-83-9	Bromomethane	11.	U	12.	U	13.	U	11.	U	11.	U	13.	U
75-01-4	Vinyl chloride	11.	U	12.	U	13.	U	11.	U	11.	U	13.	U
75-00-3	Chloroethane	11.	U	12.	U	13.	U	11.	U	11.	U	13.	U
75-09-2	Methylene chloride	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
67-64-1	Acetone	130.		60.	U	66.	U	57.	U	57.	U	160.	
75-15-0	Carbon disulfide	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
75-35-4	1,1-Dichloroethene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
75-34-3	1,1-Dichloroethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
67-66-3	Chloroform	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
107-06-2	1,2-Dichloroethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
78-93-3	2-Butanone (MEK)	57.	U	60.	U	66.	U	57.	U	57.	U	63.	U
71-55-6	1,1,1-Trichloroethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
56-23-5	Carbon tetrachloride	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
75-27-4	Bromodichloromethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
78-87-5	1,2-Dichloropropane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
79-01-6	Trichloroethene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
124-48-1	Dibromochloromethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
79-00-5	1,1,2-Trichloroethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
71-43-2	Benzene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
75-25-2	Bromoform	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	57.	U	60.	U	66.	U	57.	U	57.	U	63.	U
591-78-6	2-Hexanone	57.	U	60.	U	66.	U	57.	U	57.	U	63.	U
127-18-4	Tetrachloroethene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
108-88-3	Toluene	8.2		6.	U	6.6	U	5.7	U	5.7	U	6.3	U
108-90-7	Chlorobenzene	18.		6.	U	50.		5.7	U	5.7	U	7.3	
100-41-4	Ethylbenzene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
100-42-5	Styrene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
1330-20-7	Xylene (Total)	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
156-59-2	cis-1,2-Dichloroethene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
156-60-5	trans-1,2-Dichloroethene	5.7	U	6.	U	6.6	U	5.7	U	5.7	U	6.3	U
108-05-4	Vinyl acetate	11.	U	12.	U	13.	U	11.	U	11.	U	13.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B041-93		008-S-B051-93		008-S-B061-93		008-S-B071-93		008-S-B081-93		008-S-B091-93	
	ORIGINAL ID ----->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	LAB SAMPLE ID --->	S345408*1		S345477*1		S345505*1		S345868*2		S345868*3		S345868*4	
	ID FROM REPORT -->	S0880401		S0880501		S0880601		S0880701		S0880801		S0880901	
	SAMPLE DATE ----->	09/27/93		09/29/93		09/30/93		10/18/93		10/18/93		10/18/93	
	DATE ANALYZED --->	10/11/93		10/13/93		10/14/93		10/25/93		10/25/93		10/26/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS05	VAL	CNS05	VAL	CNS05	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
74-87-3	Chloromethane	12.	U	14.	UJ	11.	U	12.	U	13.	U	13.	U
74-83-9	Bromomethane	12.	U	14.	UJ	11.	U	12.	U	13.	U	13.	U
75-01-4	Vinyl chloride	12.	U	14.	UJ	11.	U	12.	U	13.	U	13.	U
75-00-3	Chloroethane	12.	U	14.	UJ	11.	U	12.	U	13.	U	13.	U
75-09-2	Methylene chloride	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
67-64-1	Acetone	59.	U	70.	UJ	54.	U	62.	U	65.	U	64.	U
75-15-0	Carbon disulfide	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
75-35-4	1,1-Dichloroethene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
75-34-3	1,1-Dichloroethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
67-66-3	Chloroform	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
107-06-2	1,2-Dichloroethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
78-93-3	2-Butanone (MEK)	59.	U	70.	UJ	54.	U	62.	U	65.	U	64.	U
71-55-6	1,1,1-Trichloroethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
56-23-5	Carbon tetrachloride	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
75-27-4	Bromodichloromethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
78-87-5	1,2-Dichloropropane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
79-01-6	Trichloroethene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
124-48-1	Dibromochloromethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
79-00-5	1,1,2-Trichloroethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
71-43-2	Benzene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
75-25-2	Bromoform	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	70.	UJ	54.	U	62.	U	65.	U	64.	U
591-78-6	2-Hexanone	59.	U	70.	UJ	54.	U	62.	U	65.	U	64.	U
127-18-4	Tetrachloroethene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
108-88-3	Toluene	5.9	U	9.3	J	5.4	U	6.2	U	6.5	U	6.4	U
108-90-7	Chlorobenzene	5.9	U	53.	J	5.4	U	11.		6.5	U	8.5	
100-41-4	Ethylbenzene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
100-42-5	Styrene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
1330-20-7	Xylene (Total)	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
156-59-2	cis-1,2-Dichloroethene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
156-60-5	trans-1,2-Dichloroethene	5.9	U	7.	UJ	5.4	U	6.2	U	6.5	U	6.4	U
108-05-4	Vinyl acetate	12.	U	14.	UJ	11.	U	12.	U	13.	U	13.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B101-93		008-S-B111-93		008-C-B111-93 D		008-S-B112-93		008-S-B121-93		008-S-B122-93	
	ORIGINAL ID ----->	S08B1001		S08B1101		S08B111D		S08B1102		S08B1201		S08B1202	
	LAB SAMPLE ID --->	S345868*5		S345905*1		S345905A*1		S345905*2		S345905*3		S345905*4	
	ID FROM REPORT -->	S08B1001		S08B1101		S08B111D		S08B1102		S08B1201		S08B1202	
	SAMPLE DATE ----->	10/18/93		10/19/93		10/19/93		10/19/93		10/19/93		10/19/93	
	DATE ANALYZED --->	10/26/93		10/26/93		10/27/93		10/26/93		10/26/93		11/01/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS14	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL
74-87-3	Chloromethane	12.	U	13.	U	1600.	U	15.	U	12.	U	150039.	U*F
74-83-9	Bromomethane	12.	U	13.	U	1600.	U	15.	U	12.	U	1500.	U
75-01-4	Vinyl chloride	12.	U	13.	U	1600.	U	15.	U	12.	U	1500.	U
75-00-3	Chloroethane	12.	U	13.	U	1600.	U	15.	U	12.	U	1500.	U
75-09-2	Methylene chloride	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
67-64-1	Acetone	60.	U	64.	U	8200.	U	170.		61.	U	7400.	U
75-15-0	Carbon disulfide	6.	U	6.4	U	820.	U	7.9		6.1	U	740.	U
75-35-4	1,1-Dichloroethene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
75-34-3	1,1-Dichloroethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
67-66-3	Chloroform	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
107-06-2	1,2-Dichloroethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
78-93-3	2-Butanone (MEK)	60.	U	64.	U	8200.	UJ	76.	U	61.	U	7400.	U
71-55-6	1,1,1-Trichloroethane	6.	U	6.4	U	1600.		7.6	U	6.1	U	740.	U
56-23-5	Carbon tetrachloride	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
75-27-4	Bromodichloromethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
78-87-5	1,2-Dichloropropane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
79-01-6	Trichloroethene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
124-48-1	Dibromochloromethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
79-00-5	1,1,2-Trichloroethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
71-43-2	Benzene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
75-25-2	Bromoform	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	60.	U	64.	U	8200.	U	76.	U	61.	U	7400.	U
591-78-6	2-Hexanone	60.	U	64.	U	8200.	U	76.	U	61.	U	7400.	U
127-18-4	Tetrachloroethene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
108-88-3	Toluene	6.	U	6.4	U	580.	J	7.6	U	6.1	U	740.	U
108-90-7	Chlorobenzene	6.	U	60.		310.	J	35.		14.		740.	U
100-41-4	Ethylbenzene	6.	U	6.4	U	840.		7.6	U	6.1	U	740.	U
100-42-5	Styrene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
1330-20-7	Xylene (Total)	6.	U	6.4	U	3400.		7.6	U	6.1	U	740.	U
156-59-2	cis-1,2-Dichloroethene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
156-60-5	trans-1,2-Dichloroethene	6.	U	6.4	U	820.	U	7.6	U	6.1	U	740.	U
108-05-4	Vinyl acetate	12.	U	13.	U	1600.	U	15.	U	12.	U	1500.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B131-93		008-S-B141-93		008-S-B151-93		008-S-B161-93		008-S-B171-93		008-C-B171-93 D	
	ORIGINAL ID ----->	S08B1301		S08B1401		S08B1501		S08B1601		S08B1701		S08B171D	
	LAB SAMPLE ID --->	S345905*5		S345905*6		S345905*7		S345933*1		S345933*2		S345933A*1	
	ID FROM REPORT -->	S08B1301		S08B1401		S08B1501		S08B1601		S08B1701		S08B171D	
	SAMPLE DATE ----->	10/19/93		10/19/93		10/19/93		10/20/93		10/20/93		10/20/93	
	DATE ANALYZED --->	10/26/93		10/26/93		10/26/93		10/26/93		10/26/93		10/26/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS14	VAL
74-87-3	Chloromethane	13.	U	12.	U	13.	U	13.	U	12.	U	12.	U
74-83-9	Bromomethane	13.	U	12.	U	13.	U	13.	U	12.	U	12.	UJ
75-01-4	Vinyl chloride	13.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-00-3	Chloroethane	13.	U	12.	U	13.	U	13.	U	12.	U	12.	U
75-09-2	Methylene chloride	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
67-64-1	Acetone	67.	U	60.	U	64.	U	63.	U	57.	J	49.	J
75-15-0	Carbon disulfide	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
75-35-4	1,1-Dichloroethene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
75-34-3	1,1-Dichloroethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
67-66-3	Chloroform	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
107-06-2	1,2-Dichloroethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
78-93-3	2-Butanone (MEK)	67.	U	60.	U	64.	U	63.	U	58.	U	5.9	U
71-55-6	1,1,1-Trichloroethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	1.4	J
56-23-5	Carbon tetrachloride	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
75-27-4	Bromodichloromethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
78-87-5	1,2-Dichloropropane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
10061-01-5	cis-1,3-Dichloropropene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
79-01-6	Trichloroethene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
124-48-1	Dibromochloromethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
79-00-5	1,1,2-Trichloroethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
71-43-2	Benzene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
75-25-2	Bromoform	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	67.	U	60.	U	64.	U	63.	U	58.	U	59.	U
591-78-6	2-Hexanone	67.	U	60.	U	64.	U	63.	U	58.	U	59.	U
127-18-4	Tetrachloroethene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
108-88-3	Toluene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
108-90-7	Chlorobenzene	66.		16.		56.		30.		19.		5.9	U
100-41-4	Ethylbenzene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
100-42-5	Styrene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
1330-20-7	Xylene (Total)	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
156-59-2	cis-1,2-Dichloroethene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	6.7	U	6.	U	6.4	U	6.3	U	5.8	U	5.9	U
108-05-4	Vinyl acetate	13.	U	12.	U	13.	U	13.	U	12.	U	12.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B181-93		008-S-B191-93		008-S-B192-93		008-S-B201-93		008-S-B202-93		008-S-B211-93	
	ORIGINAL ID ----->	S0881801		S0881901		S0881902		S0882001		S0882002		S0882101	
	LAB SAMPLE ID --->	S345933*3		S345933*4		S345933*5		S346088*19		S346088*20		S346088*21	
	ID FROM REPORT -->	S0881801		S0881901		S0881902		S0882001		S0882002		S0882101	
	SAMPLE DATE ----->	10/20/93		10/20/93		10/20/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	10/26/93		10/27/93		10/27/93				11/08/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS13	VAL	CNS13	VAL	CNS13	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
74-87-3	Chloromethane	11.	U	11.	U	12.	U	11.	U	12.	U	11.	U
74-83-9	Bromomethane	11.	U	11.	U	12.	U	11.	U	12.	U	11.	U
75-01-4	Vinyl chloride	11.	U	11.	U	12.	U	11.	U	12.	U	11.	U
75-00-3	Chloroethane	11.	U	11.	U	12.	U	11.	U	12.	U	11.	U
75-09-2	Methylene chloride	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
67-64-1	Acetone	57.	U	53.	U	29.	J	54.	U	170.		54.	U
75-15-0	Carbon disulfide	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
75-35-4	1,1-Dichloroethene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
75-34-3	1,1-Dichloroethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
67-66-3	Chloroform	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
107-06-2	1,2-Dichloroethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
78-93-3	2-Butanone (MEK)	57.	U	53.	U	61.	U	54.	U	62.	U	54.	U
71-55-6	1,1,1-Trichloroethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
56-23-5	Carbon tetrachloride	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
75-27-4	Bromodichloromethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
78-87-5	1,2-Dichloropropane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
79-01-6	Trichloroethene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
124-48-1	Dibromochloromethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
79-00-5	1,1,2-Trichloroethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
71-43-2	Benzene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
10061-02-6	trans-1,3-Dichloropropene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
75-25-2	Bromoform	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	57.	U	53.	U	61.	U	54.	U	62.	U	54.	U
591-78-6	2-Hexanone	57.	U	53.	U	61.	U	54.	U	62.	U	54.	U
127-18-4	Tetrachloroethene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
108-88-3	Toluene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
108-90-7	Chlorobenzene	12.		17.		6.1	U	19.		41.		5.4	U
100-41-4	Ethylbenzene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
100-42-5	Styrene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
1330-20-7	Xylene (Total)	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
156-60-5	trans-1,2-Dichloroethene	5.7	U	5.3	U	6.1	U	5.4	U	6.2	U	5.4	U
108-05-4	Vinyl acetate	11.	U	11.	U	12.	U	11.	U	12.	U	11.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B212-93		008-S-B221-93		008-S-B222-93		008-S-B231-93		008-S-B232-93		008-S-B241-93	
	ORIGINAL ID ----->	S0882102		S0882201		S0882202		S0882301		S0882302		S0882401	
	LAB SAMPLE ID --->	S346088*22		S346088*23		S346088*24		S346088*25		S346088*26		S346088*27	
	ID FROM REPORT -->	S08B2102		S08B2201		S08B2202		S08B2301		S08B2302		S08B2401	
	SAMPLE DATE ----->	10/27/93		10/27/93		10/27/93		10/27/93		10/27/93		10/27/93	
	DATE ANALYZED --->	11/08/93										11/09/93	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL	CNS18	VAL
74-87-3	Chloromethane	12.	U	11.	U	11.	U	11.	U	75.	U	11.	U
74-83-9	Bromomethane	12.	U	11.	U	11.	U	11.	U	75.	U	11.	U
75-01-4	Vinyl chloride	12.	U	11.	U	11.	U	11.	U	75.	U	11.	U
75-00-3	Chloroethane	12.	U	11.	U	11.	U	11.	U	75.	U	11.	U
75-09-2	Methylene chloride	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
67-64-1	Acetone	76.		57.	U	200.		57.	U	1100.		56.	U
75-15-0	Carbon disulfide	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
75-35-4	1,1-Dichloroethene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
75-34-3	1,1-Dichloroethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
67-66-3	Chloroform	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
107-06-2	1,2-Dichloroethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
78-93-3	2-Butanone (MEK)	59.	U	57.	U	57.	U	57.	U	370.	U	56.	U
71-55-6	1,1,1-Trichloroethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	8.7	
56-23-5	Carbon tetrachloride	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
75-27-4	Bromodichloromethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
78-87-5	1,2-Dichloropropane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
79-01-6	Trichloroethene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
124-48-1	Dibromochloromethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
79-00-5	1,1,2-Trichloroethane	5.9	U	5.7	U	92.		5.7	U	37.	U	5.6	U
71-43-2	Benzene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
10061-02-6	trans-1,3-Dichloropropene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
75-25-2	Bromoform	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	57.	U	57.	U	57.	U	370.	U	56.	U
591-78-6	2-Hexanone	59.	U	57.	U	57.	U	57.	U	370.	U	56.	U
127-18-4	Tetrachloroethene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
108-88-3	Toluene	5.9	U	5.7	U	5.8		5.7	U	37.	U	8.6	
108-90-7	Chlorobenzene	5.9	U	9.2		28.		5.7	U	37.	U	33.	
100-41-4	Ethylbenzene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
100-42-5	Styrene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
1330-20-7	Xylene (Total)	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.9	U	5.7	U	5.7	U	5.7	U	37.	U	5.6	U
108-05-4	Vinyl acetate	12.	U	11.	U	17.		11.	U	75.	U	11.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA															
		SAMPLE ID ------->	008-S-B242-93		008-S-B251-93		008-C-B251-93 D		008-S-B252-93		008-S-B261-93		008-S-B262-93		
		ORIGINAL ID ----->	S0882402		S0882501		S0882510		S0882502		S0882601		S0882602		
		LAB SAMPLE ID --->	S346088*28		S346088*29		S346088A*5		S346088*30		S346088*31		S346088*32		
		ID FROM REPORT -->	S0882402		S0882501		S0882510		S0882502		S0882601		S0882602		
		SAMPLE DATE ----->	10/27/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		
		DATE ANALYZED --->			11/08/93		11/09/93				11/09/93				
		MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil		
		UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		
CAS #	Parameter		CNS18	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	
74-87-3	Chloromethane		11.	U	11.	U	11.	U	11.	U	13.	U	12.	U	
74-83-9	Bromomethane		11.	U	11.	U	11.	U	11.	U	13.	U	12.	U	
75-01-4	Vinyl chloride		11.	U	11.	U	11.	U	11.	U	13.	U	12.	U	
75-00-3	Chloroethane		11.	U	11.	U	11.	U	11.	U	13.	U	12.	U	
75-09-2	Methylene chloride		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
67-64-1	Acetone		220.		56.	U	56.		140.		220.		220.		
75-15-0	Carbon disulfide		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
75-35-4	1,1-Dichloroethene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
75-34-3	1,1-Dichloroethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
67-66-3	Chloroform		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
107-06-2	1,2-Dichloroethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
78-93-3	2-Butanone (MEK)		54.	U	56.	U	7.8	J	57.	U	63.	U	62.	U	
71-55-6	1,1,1-Trichloroethane		5.4	U	5.6	U	2.9	J	5.7	U	6.3	U	6.2	U	
56-23-5	Carbon tetrachloride		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
75-27-4	Bromodichloromethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
78-87-5	1,2-Dichloropropane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
10061-01-5	cis-1,3-Dichloropropene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
79-01-6	Trichloroethene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
124-48-1	Dibromochloromethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
79-00-5	1,1,2-Trichloroethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
71-43-2	Benzene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
10061-02-6	trans-1,3-Dichloropropene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
75-25-2	Bromoform		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
108-10-1	4-Methyl-2-Pentanone (MIBK)		54.	U	56.	U	56.	U	57.	U	63.	U	62.	U	
591-78-6	2-Hexanone		54.	U	56.	U	56.	U	57.	U	63.	U	62.	U	
127-18-4	Tetrachloroethene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
79-34-5	1,1,2,2-Tetrachloroethane		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
108-88-3	Toluene		5.4	U	5.6	U	1.5	J	5.7	U	6.3	U	6.2	U	
108-90-7	Chlorobenzene		5.4	U	7.6		5.6	U	5.7	U	26.		6.2	U	
100-41-4	Ethylbenzene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
100-42-5	Styrene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
1330-20-7	Xylene (Total)		5.4	U	5.6	U	1.7	J	5.7	U	6.3	U	6.2	U	
156-59-2	cis-1,2-Dichloroethene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
156-60-5	trans-1,2-Dichloroethene		5.4	U	5.6	U	5.6	U	5.7	U	6.3	U	6.2	U	
108-05-4	Vinyl acetate		11.	U	11.	U	11.	U	11.	U	13.	U	12.	U	

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA													
	SAMPLE ID ------->	008-S-B271-93		008-S-B272-93		008-S-B281-93		008-S-B282-93		008-S-B291-93		008-S-B301-93	
	ORIGINAL ID ----->	S0882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	LAB SAMPLE ID --->	S346088*33		S346088*34		S346088*35		S346088*36		S346088*37		S346088*38	
	ID FROM REPORT -->	S0882701		S0882702		S0882801		S0882802		S0882901		S0883001	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE ANALYZED --->	11/08/93				11/09/93							
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL	CNS19	VAL
74-87-3	Chloromethane	11.	U	13.	U	11.	U	12.	U	11.	U	11.	U
74-83-9	Bromomethane	11.	U	13.	U	11.	U	12.	U	11.	U	11.	U
75-01-4	Vinyl chloride	11.	U	13.	U	11.	U	12.	U	11.	U	11.	U
75-00-3	Chloroethane	11.	U	13.	U	11.	U	12.	U	11.	U	11.	U
75-09-2	Methylene chloride	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
67-64-1	Acetone	56.	U	67.	U	54.	U	60.	U	56.	U	54.	U
75-15-0	Carbon disulfide	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
75-35-4	1,1-Dichloroethene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
75-34-3	1,1-Dichloroethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
67-66-3	Chloroform	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
107-06-2	1,2-Dichloroethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
78-93-3	2-Butanone (MEK)	56.	U	67.	U	54.	U	60.	U	56.	U	54.	U
71-55-6	1,1,1-Trichloroethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
56-23-5	Carbon tetrachloride	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
75-27-4	Bromodichloromethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
78-87-5	1,2-Dichloropropane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
79-01-6	Trichloroethene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
124-48-1	Dibromochloromethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
79-00-5	1,1,2-Trichloroethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
71-43-2	Benzene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
10061-02-6	trans-1,3-Dichloropropene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
75-25-2	Bromoform	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	56.	U	67.	U	54.	U	60.	U	56.	U	54.	U
591-78-6	2-Hexanone	56.	U	67.	U	54.	U	60.	U	56.	U	54.	U
127-18-4	Tetrachloroethene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
108-88-3	Toluene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
108-90-7	Chlorobenzene	6.6		6.7	U	9.1		6.	U	5.6	U	5.4	U
100-41-4	Ethylbenzene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
100-42-5	Styrene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
1330-20-7	Xylene (Total)	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
156-59-2	cis-1,2-Dichloroethene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
156-60-5	trans-1,2-Dichloroethene	5.6	U	6.7	U	5.4	U	6.	U	5.6	U	5.4	U
108-05-4	Vinyl acetate	11.	U	13.	U	11.	U	12.	U	11.	U	11.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 SOIL BORING SAMPLES

VOA											
	SAMPLE ID ------->	008-S-B302-93		008-C-B302-93 D		008-S-B311-93		008-C-B311-93 D		008-S-B312-93	
	ORIGINAL ID ----->	S0883002		S088302D		S0883101		S088311D		S0883102	
	LAB SAMPLE ID --->	S346088*39		S346088A*6		S346088*40		S346088A*7		S346088*41	
	ID FROM REPORT -->	S0883002		S088302D		S0883101		S088311D		S0883102	
	SAMPLE DATE ----->	10/28/93		10/28/93		10/28/93		10/28/93		10/28/93	
	DATE ANALYZED --->			11/09/93		11/09/93		11/09/93			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
CAS #	Parameter	CNS19	VAL	CNS14	VAL	CNS19	VAL	CNS14	VAL	CNS19	VAL
74-87-3	Chloromethane	13.	U	12.	U	12.	U	12.	U	15.	U
74-83-9	Bromomethane	13.	U	12.	U	12.	U	12.	U	15.	U
75-01-4	Vinyl chloride	13.	U	12.	U	12.	U	12.	U	15.	U
75-00-3	Chloroethane	13.	U	12.	U	12.	U	12.	U	15.	U
75-09-2	Methylene chloride	6.3	U	6.	U	6.	U	6.1	U	7.6	U
67-64-1	Acetone	63.	U	100.		60.	U	120.		160.	
75-15-0	Carbon disulfide	6.3	U	6.	U	6.	U	2.1	J	7.6	U
75-35-4	1,1-Dichloroethene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
75-34-3	1,1-Dichloroethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
67-66-3	Chloroform	6.3	U	6.	U	6.	U	6.1	U	7.6	U
107-06-2	1,2-Dichloroethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
78-93-3	2-Butanone (MEK)	63.	U	10.	J	60.	U	12.	J	76.	U
71-55-6	1,1,1-Trichloroethane	6.3	U	3.8	J	6.	U	3.9	J	7.6	U
56-23-5	Carbon tetrachloride	6.3	U	6.	U	6.	U	6.1	U	7.6	U
75-27-4	Bromodichloromethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
78-87-5	1,2-Dichloropropane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
79-01-6	Trichloroethene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
124-48-1	Dibromochloromethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
79-00-5	1,1,2-Trichloroethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
71-43-2	Benzene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
10061-02-6	trans-1,3-Dichloropropene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
75-25-2	Bromoform	6.3	U	6.	U	6.	U	6.1	U	7.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	63.	U	60.	U	60.	U	61.	U	76.	U
591-78-6	2-Hexanone	63.	U	60.	U	60.	U	61.	U	76.	U
127-18-4	Tetrachloroethene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	6.	U	6.	U	6.1	U	7.6	U
108-88-3	Toluene	6.3	U	6.	J	6.	U	6.1	U	7.6	U
108-90-7	Chlorobenzene	28.		64.		6.	U	20.		33.	
100-41-4	Ethylbenzene	6.3	U	6.6		6.	U	6.1	U	7.6	U
100-42-5	Styrene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
1330-20-7	Xylene (Total)	6.3	U	14.		6.	U	2.2	J	7.6	U
156-59-2	cis-1,2-Dichloroethene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
156-60-5	trans-1,2-Dichloroethene	6.3	U	6.	U	6.	U	6.1	U	7.6	U
108-05-4	Vinyl acetate	13.	U	12.	U	12.	U	12.	U	15.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

METAL													
	SAMPLE ID ------->	008-G-W011-93		008-G-W021-93		008-G-W031-93		008-G-W041-93		008-G-W051-93		008-G-W061-93	
	ORIGINAL ID ----->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	LAB SAMPLE ID --->	S346404*4		S346404*3		S346404*1		S346404*2		46404-5		46404-6	
	ID FROM REPORT -->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	SAMPLE DATE ----->	11/10/93		11/10/93		11/10/93		11/10/93		11/11/93		11/11/93	
	DATE EXTRACTED -->	11/12/93		11/12/93		11/12/93		11/12/93					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
CN	Cyanide	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	U
CD	Cadmium	120.	UJ	10.	UJ	50.	UJ	250.	UJ	25.	UJ	5.	UJ
CA	Calcium	120000.		110000.		280000.		110000.		94000.		93000.	
CR	Chromium	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
CO	Cobalt	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
CU	Copper	25.	U	25.	U	25.	U	25.	U	25.	U	25.	U
FE	Iron	2600.		5800.		2600.		7000.		3200.		2300.	
PB	Lead	5.	UJ	5.	U	50.	U	50.	U	5.	U	5.	U
MG	Magnesium	820000.		78000.		920000.		920000.		250000.		75000.	
MN	Manganese	87.		120.		84.		140.		1100.		750.	
HG	Mercury	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ
NI	Nickel	40.	U	40.	U	40.	U	40.	U	40.	U	40.	U
K	Potassium	270000.		33000.		280000.		260000.		90000.		36000.	
SE	Selenium	10.	UJ	10.	UJ	20.	UJ	50.	UJ	10.	UJ	10.	UJ
AG	Silver (Ag)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
NA	Sodium	6500000.		650000.		7700000.		7500000.		2300000.		790000.	
TL	Thallium	250.	UJ	50.	UJ	200.	UJ	500.	UJ	200.	UJ	50.	UJ
ZN	Zinc	40.		20.	U	29.		20.	U	20.	U	20.	U
V	Vanadium	17.		10.	U	25.		10.	U	10.	U	10.	U
AL	Aluminum	1000.		200.	U	710.		200.	U	1400.		200.	U
SB	Antimony	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
AS	Arsenic	20.	U	10.	U	15.		10.	UJ	100.	UJ	11.	
BA	Barium	33.		530.		68.		70.		12.		11.	
BE	Beryllium	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

PEST													
	SAMPLE ID ------->	008-G-W011-93		008-G-W021-93		008-G-W031-93		008-G-W041-93		008-G-W051-93		008-H-W051-93 D	
	ORIGINAL ID ----->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W051D	
	LAB SAMPLE ID --->	S346404*4		S346404*3		S346404*1		S346404*2		46404-5		S346404A*1	
	ID FROM REPORT -->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W051D	
	SAMPLE DATE ----->	12/18/93		12/18/93		12/18/93		12/18/93		11/11/93		11/11/93	
	DATE EXTRACTED -->	11/12/93		11/12/93		11/12/93		11/12/93					
	DATE ANALYZED --->	11/17/93		11/17/93		11/17/93		11/17/93					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS23	VAL
319-84-6	alpha-BHC	0.05	U	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	0.5	U
319-86-8	delta-BHC	0.05	U	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	0.05	U
76-44-8	Heptachlor	0.05	U	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	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	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	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	0.1	U	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	0.1	U
33213-65-9	Endosulfan II	0.1	U	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	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	0.	U"	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
53494-70-5	Endrin ketone	0.1	U	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	0.5	U
5103-71-9	alpha-Chlordane	0.05	U	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	0.05	U
8001-35-2	Toxaphene	5.	U	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	1.	U
11104-28-2	Aroclor-1221	2.	U	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	1.	U
53469-21-9	Aroclor-1242	1.	U	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	1.	U
11097-69-1	Aroclor-1254	1.	U	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	1.	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

PEST

SAMPLE ID -------> 008-G-W061-93
ORIGINAL ID -----> S08W0601
LAB SAMPLE ID ---> 46404-6
ID FROM REPORT --> S08W0601
SAMPLE DATE -----> 11/11/93
MATRIX ----------> Soil
UNITS -----------> ug/l

CAS #	Parameter	CNS24	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
53494-70-5	Endrin ketone	0.1	U
72-43-5	Methoxychlor	0.5	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
7421-93-4	Endrin aldehyde	0.1	U

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	008-G-W011-93		008-G-W021-93		008-G-W031-93		008-G-W041-93		008-G-W051-93		008-G-W061-93	
	ORIGINAL ID ----->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	LAB SAMPLE ID --->	S346404*4		S346404*3		S346404*1		S346404*2		46404-5		46404-6	
	ID FROM REPORT -->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	SAMPLE DATE ----->	11/11/93		11/11/93		11/11/93		11/11/93		11/11/93		11/11/93	
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93		11/16/93					
	DATE ANALYZED --->	11/21/93		11/21/93		11/21/93		11/21/93					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
108-95-2	Phenol	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
106-46-7	1,4-Dichlorobenzene	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)	NR		NR		NR		NR		NR		NR	
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
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	20.	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	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	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	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
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

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

SVOA													
	SAMPLE ID ------->	008-G-W011-93		008-G-W021-93		008-G-W031-93		008-G-W041-93		008-G-W051-93		008-G-W061-93	
	ORIGINAL ID ----->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	LAB SAMPLE ID --->	S346404*4		S346404*3		S346404*1		S346404*2		46404-5		46404-6	
	ID FROM REPORT -->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W0601	
	SAMPLE DATE ----->	11/11/93		11/11/93		11/11/93		11/11/93		11/11/93		11/11/93	
	DATE EXTRACTED -->	11/16/93		11/16/93		11/16/93		11/16/93					
	DATE ANALYZED --->	11/21/93		11/21/93		11/21/93		11/21/93					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL
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
111-44-4	bis(2-Chloroethyl)ether	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	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.	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
39638-32-9	Bis(2-Chloroisopropyl)Ether	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

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

VOA													
	SAMPLE ID ------->	008-G-W011-93		008-G-W021-93		008-G-W031-93		008-G-W041-93		008-G-W051-93		008-H-W051-93 D	
	ORIGINAL ID ----->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W051D	
	LAB SAMPLE ID --->	S346404*4		S346404*3		S346404*1		S346404*2		46404-5		S346404A*1	
	ID FROM REPORT -->	S08W0101		S08W0201		S08W0301		S08W0401		S08W0501		S08W051D	
	SAMPLE DATE ----->	11/11/93		11/11/93		11/11/93		11/11/93		11/11/93		11/11/93	
	DATE ANALYZED --->	11/20/93		11/20/93		11/20/93		11/20/93					
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
CAS #	Parameter	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS24	VAL	CNS23	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	50.	U	50.	U	50.	U	50.	U	50.	U	50.	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)	50.	U	50.	U	50.	U	50.	U	50.	U	50.	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
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.	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
10061-02-6	trans-1,3-Dichloropropene	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
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
591-78-6	2-Hexanone	50.	U	50.	U	50.	U	50.	U	50.	U	50.	U
127-18-4	Tetrachloroethene	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
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
156-59-2	cis-1,2-Dichloroethene	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.	UJ

*** Validation Complete ***

NAVAL BASE CHARLESTON-1993 DATA FROM SAS
NAVAL BASE CHARLESTON-1993 DATA
1993 SWMU 008 GROUNDWATER SAMPLES

VOA

SAMPLE ID ------->	008-G-W061-93
ORIGINAL ID ----->	S08W0601
LAB SAMPLE ID --->	46404-6
ID FROM REPORT -->	S08W0601
SAMPLE DATE ----->	11/11/93
MATRIX ---------->	Water
UNITS ---------->	ug/l

CAS #	Parameter	CNS24	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	50.	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)	50.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	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
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)	50.	U
591-78-6	2-Hexanone	50.	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
156-59-2	cis-1,2-Dichloroethene	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
108-05-4	Vinyl acetate	10.	U

*** Validation Complete ***

Appendix E
Zone G
Data Validation Reports

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26725A
Date:	October 18, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston Zone G
Date Sampled:	August 28, 1996
Number of Samples:	1 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, Organophosphorus Pesticides, Herbicides, Dioxin/Furans, Hexavalent Chromium, 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. Scarpa
Paul B. Humburg, President

10-21-96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26725A

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		OPP		HERB		D/F		HCR		TAL		CN	
011CB00301	SOIL		X		X		X		X		X		X		X		X		X
Total Billable Samples (Water/Soil)		0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

VOA= SW846 Volatiles
SV= SW846 Semivolatiles
P/P= SW846 Pesticide/PCBs
OPP= SW846 Organophosphorus Pesticides
HERB= SW846 Herbicides
D/F= SW846 Dioxin/Furans
HCR= SW846 Hexavalent Chromium
TAL= SW846 Metals
CN= SW846 Cyanide

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 for the Appendix IX List; 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 # 26725A

A validation was performed on the Volatile Data from SDG 26725A. 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 calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The average RRF requirements were not met for all continuing calibration standards.

Continuing Calibrations, continued

Specific Findings

The continuing calibration on 09/03/96 on instrument I, file ID I20899.D, contained compounds with average 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, UR.

011CB00301	2-chloroethyl_vinyl_ether (0.010) 1,4-dioxane (0.002) Isobutyl alcohol (0.008) Acetonitrile (0.020) Acrolein (0.018)

Method Blanks

The method blank that was analyzed exhibited contamination for methylene chloride.

	VBLK1
acetone	3 µg/Kg

Specific Finding

Samples	Compound	Action Level	Qualification
011CB00301	acetone	30 µg/Kg	NA

Field QC Blanks

The field QC blank associated with the field sample exhibited target compound contamination. Qualifications were required based on the contamination.

	011TB00301
acetone	9 µg/L
1,1-dichloroethene	20 µg/L
methylene chloride	2 µg/L

Field QC Blanks, continued

	011TB003 01
1,1-dichloroethane	10 μg/L
1,1,1-trichloroethane	88 μg/L
carbon tetrachloride	11 μg/L

Specific Finding

Samples	Compound	Action Level	Qualification
011CB00301	acetone	90 μg/L or μg/Kg	U
	Methylene chloride	20 μg/L or μg/Kg	U
	1,1-dichloroethene	100 μg/L or μg/Kg	CRQL

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
011CB00301	2-chloroethyl_vinyl_ether	+/-	J/UR
	1,4-dioxane		
	Isobutyl alcohol		
	Acetonitrile		
	Acrolein		
011CB00301	acetone	+B	NA
011CB00301	acetone	+	U
	Methylene chloride	+	U
	1,1-dichloroethene	+	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 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 for the Appendix IX List; 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 # 26725A

A validation was performed on the Semivolatile Data from SDG 26725A. 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 Calibrations

The laboratory did not calibrate the instrument for three (3) compounds which were reported as target compounds. Therefore, the results for these compounds required rejection.

Initial Calibrations, continued

Specific Finding

The results for the following compounds are rejected, UR, in all samples, because there was no calibration analyzed for them.

Carbazole
1,2-Dibromo-3-chloropropane
3-Methyl cholanthrene

Continuing Calibrations

The continuing calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The continuing calibration standards that were analyzed did not all meet the minimum RRF criteria.

Specific Findings

The continuing calibrations analyzed on 09/06/96 on instrument A.I contained compounds with average 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, UR.

0ϕ1CB00301	aramite (0.037) Hexachlorophene (0.017)

The continuing calibration analyzed on 09/06/96 on instrument A.I 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, UR.

0ϕ1CB00301	Pentachloronitrobenzene (122.5) 4-nitroquinoline-1-oxide (236.2) Kepone (218.0) 7,12-Dimethylbenz(a)anthracene (96.0)

Continuing Calibrations, continued

The continuing calibration on 09/06/96 on instrument A.I contained compounds with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, all positive and non-detect results are qualified as estimated, J/UJ.

011CB00301	2,6-dichlorophenol (51.2)
	Pentachlorobenzene (56.4)
	Pyridine (50.5)
	Safrole (61.9)
	1,4-Naphthoquinone (54.3)
	1,3-Dinitrobenzene (59.5)
	2-Methyl-5-nitroaniline (67.7)
	Parathion (72.8)
	Famphur (74.1)
	m-Cresol (78.9)
	Diphenylamine (86.3)
	Sulfotepp (52.6)
	4-Methylphenol (58.6)

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates less than 10% 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

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
All Samples	Carbazole	+/-	UR
	1,2-Dibromo-3-chloropropane		
	3-Methyl cholanthrene		
001CB00301	aramite	+/-	J/UR
	Hexachlorophene		
001CB00301	Pentachloronitrobenzene	+/-	J/UR
	4-nitroquinoline-1-oxide		
	Kepone		
	7,12-Dimethylbenz(a)anthracene		
011CB00301	2,6-dichlorophenol	+/-	J/UJ
	Pentachlorobenzene		
	Pyridine		
	Safrole		
	1,4-Naphthoquinone		
	1,3-Dinitrobenzene		
	2-Methyl-5-nitroaniline		
	Parathion		
	Famphur		
	m-Cresol		
	Diphenylamine		
	Sulfotepp		
	4-Methylphenol		

* 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 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 # 26725A

A validation was performed on the Pesticide/Aroclor Data from SDG 26725A. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory analyzed a single point curve for the Aroclors and Toxaphene. The data did not require qualification because no positive results were reported for the compounds analyzed with a single point calibration.

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

NJ = Result is considered presumptively present at an estimated concentration.

UR = 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 compound 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 compound 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	COMPOUND 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

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 # 26725A

A validation was performed on the Organophosphorus Pesticide Data from SDG 26725A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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

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 # 26725A

A validation was performed on the Herbicide Data from SDG 26725A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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 AND NARRATIVE

Dioxin/Furans

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 SW846, Method 8290; 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 # 26725

A validation was performed on the Dioxin/Furans Data from SDG 26725. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • Mass Resolution Checks
* • Column Performance
* • Calibrations
* • Internal Standard Performance
* • Blanks
* • Matrix Spike/Matrix Spike Duplicate
* • Field Duplicates
* • Congener Identification /Quantitation

* - All criteria were met for this parameter

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. 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

UR = Result is rejected and unusable

D= Result value is based on the 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

* 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, HEXAVALENT CHROMIUM 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 SW 846 Methods; 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 # 26725A

A validation was performed on the Metals Data from SDG 26725A. The data was evaluated based on the following parameters for field duplicate samples.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	Post Digestion Spiking

* - 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
Aluminum	1.49 mg/kg	no impact
Chromium	0.14 mg/kg	no impact
Iron	3.43 mg/kg	no impact
Lead	0.17 mg/kg	no impact
Silver	0.25 mg/kg	no impact

Tin	1.79 mg/kg	all soil samples below 8.95 mg/kg
Vanadium	0.11 mg/kg	no impact
Cyanide	0.24 mg/kg	all soil samples below 1.2 mg/kg

The USEPA requires that all sample values below five times the preparation, field, DI or calibration blank contamination be qualified as non-detect, "U".

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 below 8.95 mg/kg	Sn.	+	U
all soil samples below 1.2 mg/kg	Cn.		
All "B" results	all analytes	B	J

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26725B
Date:	October 18, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston Zone G
Date Sampled:	August 23-28, 1996
Number of Samples:	3 Aqueous Sample(s) with 0 MS/MSD(s) 12 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, pH, 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. Searson

Paul B. Humburg, President

10-21-96

Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26725B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		pH		TAL		CN	
003SB00201	SOIL								X		X		X
003SB00202	SOIL								X		X		X
003SB00301	SOIL								X		X		X
003SB00302	SOIL								X		X		X
011SB00101	SOIL								X		X		X
011SB00102	SOIL								X		X		X
011SB00201	SOIL								X		X		X
011SB00301	SOIL								X		X		X
011SB00302	SOIL								X		X		X
GDGSB00101	SOIL		X		X		X				X		X
GDGSB00201	SOIL		X		X		X				X		X
GDGSB00202	SOIL		X		X		X				X		X
011TB00301	WATER	X											
GDGTB00101	WATER	X											
GDGTB00201	WATER	X											
Total Billable Samples (Water/Soil)		3	3	0	3	0	3	0	9	0	12	0	12

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
pH= pH
TAL= SW846 Metals
CN= SW846 Cyanide

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 SW846 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 # 26725B

A validation was performed on the Volatile Data from SDG 26725B. 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 calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The continuing calibration standards that were analyzed did not all meet the minimum RRF criteria.

Continuing Calibrations, continued

Specific Findings

The continuing calibration analyzed on 08/30/96 on instrument I, file ID I20871.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below, the positive results are qualified as estimated, J, and the non-detect results are rejected, UR.

GDGSB00201	2-chloroethyl_vinyl_ether (0.032)
GDGSB00202	

The continuing calibration analyzed on 09/03/96 on instrument I, file ID I20899.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below, the positive results are qualified as estimated, J, and the non-detect results are rejected, UR.

GDGSB00101	2-chloroethyl_vinyl_ether (0.010)
GDGSB00201RE	
GDGSB00202RE	

Internal Standards

Two (2) samples and the reanalysis of the samples exhibited non-compliant internal standard areas.

Specific Finding

The following samples exhibited low internal standard areas for the noted internal standards. All positive and non-detect results for the compounds associated with the noted internal standards are qualified as estimated, J/UJ.

GDGSB00201	All Internal Standards
GDGSB00202	
GDGSB00201RE	
GDGSB00202RE	1,4-difluorobenzene Chlorobenzene-d5

Method Blanks

One (1) of the five (5) method blanks that were analyzed exhibited contamination for acetone which resulted in the qualification of field samples.

	VBLK5
acetone	3 µg/Kg

Specific Finding

Samples	Compound	Action Level	Qualification
GDGSB00101 GDGSBB00201RE	acetone	30 µg/Kg	CRQL
GDGSB00202RE	acetone	30 µg/Kg	NA

Surrogate Recoveries

One (1) sample required qualifications due to surrogate recoveries above the QC limits.

Specific Finding

The following sample exhibited one (1) surrogate compound above the QC limits. All positive results in the samples are qualified as estimated, J.

Sample	Surrogate	Recovery
GDGSB00202	Toluene-d8	124%

Compound Identification

Specific Finding

The following samples are rejected, UR, in favor of the results reported from the original or RE analysis of the sample. The sample exhibiting the best internal standard area recoveries was chosen by the reviewer.

GDGSB00202
GDGSB00201RE

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 5% of the data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
GDGSB00201 GDGSB00202	2-chloroethyl_vinyl_ether	+/-	J/UR
GDGSB00101 GDGSB00201RE GDGSB00202RE	2-chloroethyl_vinyl_ether	+/-	J/UR
GDGSB00201 GDGSB00202 GDGSB00201RE	All Associated with All Internal Standards	+/-	J/UJ
GDGSB00202RE	All Associated with 1,4-difluorobenzene Chlorobenzene-d5	+/-	J/UJ
GDGSB00101 GDGSB00201RE	acetone	+B	CRQL
GDGSB00202RE	acetone	+B	NA
GDGSB00202	All Compounds	+	J
GDGSB00202 GDGSB00201RE	All Compounds	+/-	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

SEMIVOLATILE ORGANICS

General

The organic findings offered in this screening report assume that all analytical results are correct as reported and are 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 # 26725B

A validation was performed on the Semivolatile Data from SDG 26725B. 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 calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The average RRF requirements were met for all target compounds.

Continuing Calibrations, continued

Specific Findings

The continuing calibration on 09/06/96 on instrument J, file ID JJS369.D, contained compounds with %Ds greater than 50% but less than 90%. For the samples and non-compliant compounds listed below, all positive and non-detect results are qualified as estimated, J/UJ.

GDGSB00101	indeno(1,2,3-cd)pyrene (54.0)
GDGSB00201	benzo(g,h,i)perylene (62.0)
GDGSB00202	

Method Blanks

One (1) method blank exhibited contamination which resulted in the qualification of field samples.

	SBLK1
bis(2-ethylhexyl)phthalate	44 µg/Kg

Specific Findings

Sample	Contaminant	Action Level	Qualification
GDGSB00101	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

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
GDGSB00101 GDGSB00201 GDGSB00202	indeno(1,2,3-cd)pyrene benzo(g,h,i)perylene	+/-	J/UJ
GDGSB00101	bis(2-ethylhexyl)phthalate	+B	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 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 # 26725B

A validation was performed on the Pesticide/Aroclor Data from SDG 26725B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory analyzed a single point curve for the Aroclors and Toxaphene. The data did not require qualification because no positive results were reported for the compounds analyzed with a single point calibration.

Compound Identification/Quantitation

One (1) sample exhibited a column quantitation %D greater than 70%. Qualifications were required per Ensafe guidelines.

Specific Findings

The positive results reported in all samples which exhibited column quantitation differences greater than 70% are reported as undetected, U.

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

NJ = Result is considered presumptively present at an estimated concentration.

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
ALL	ALL P > 70%	+	U

* 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 SW 846 Methods; 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 # 26725B

A validation was performed on the Metals Data from SDG 26725B. 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
*	•	Post Digestion Spiking

* - 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
Aluminum	3.41 mg/kg	no impact
Antimony	0.32 mg/kg	all soil samples below 1.6 mg/kg
Chromium	0.14 mg/kg	no impact
Iron	3.43 mg/kg	no impact
Lead	0.17 mg/kg	no impact

Potassium	14.4 mg/kg	no impact
Selenium	0.30 mg/kg	all soil samples below 1.5 mg/kg
Silver	0.25 mg/kg	all soil samples below 1.25 mg/kg
Tin	1.79 mg/kg	all soil samples below 8.95 mg/kg
Zinc	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".

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.

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26792A
Date:	October 23, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	August 29-30, 1996
Number of Samples:	2 Aqueous Sample(s) with 0 MS/MSD(s) 1 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, Organophosphorus Pesticides, Herbicides, Dioxin/Furans, Hexavalent Chromium, 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 B. Seaman
Paul B. Hamburg, President

10/30/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26792A

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		OPP		HERB		D/F		HCR		TAL		CN	
706CB00201	SOIL		X		X		X		X		X		X		X		X		X
003EB00101	WATER	X		X		X		X		X		X		X		X		X	
003DB00101	WATER	X		X		X		X		X		X		X		X		X	
Total Billable Samples	(Water/Soil)	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1

VOA= SW846 Volatiles
SV= SW846 Semivolatiles
P/P= SW846 Pesticide/PCBs
OPP= SW846 Organophosphorus Pesticides
HERB= SW846 Herbicides
D/F= SW846 Dioxin/Furans
HCR= SW846 Hexavalent Chromium
TAL= SW846 Metals
CN= SW846 Cyanide

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 for Appendix IX target list; 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 # 26792A

A validation was performed on the Volatile Data from SDG 26792A. 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 calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The average RRF requirements were not met for all continuing calibration compounds. The original analysis of the sample is not noted in these specific findings because it is rejected in favor of the RE sample in the Compound Quantitation section of this narrative.

Continuing Calibrations, continued
Specific Findings

The continuing calibration standard I20970.D contained compounds with average 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, UR.

706CB00201RE	Acrolein (0.015)
	Acetonitrile (0.021)
	Isobutyl alcohol (0.010)
	1,4-dioxane (0.002)

The continuing calibration standard I20970.D contained a compound with a %D greater than 50% but less than 90%. For the samples and non-compliant compound listed below, the positive and non-detect results are qualified as estimated, J/UJ.

706CB00201RE	2-chloroethyl_vinyl_ether (78.8%)

Internal Standards

All samples did not exhibit acceptable EICP area recoveries. The original sample was not noted in these specific findings because it was rejected in favor of the RE sample in the Compound Quantitation section of this narrative.

Specific Finding

The following samples exhibited EICP area recoveries below the lower QC limit. All positive results and non detect for compounds associated with the noted internal standard are qualified as estimated, J/UJ.

706CB00201RE	Chlorobenzene-d5

Method Blanks

The method blanks exhibited contamination. The sample required qualification. 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 consideration when applying the 5X or 10X criteria to field samples. The original sample was not noted in these specific findings because it was rejected in favor of the RE sample in the Compound Quantitation section of this narrative.

Method Blanks, continued

	VBLK2	VBLK3
acetone	4 μg/Kg	3 μg/Kg
methylene chloride	3 μg/Kg	6 μg/Kg

Specific Finding

Blank	Samples	Compound	Action Level	Qualification
VBLK3	706CB00201RE	acetone	30 μg/Kg	U
	706CB00201RE	methylene chloride	60 μg/Kg	U

Compound Quantitation

Specific Finding

The following sample is rejected, UR, in favor of the original analysis for the noted reason.

Sample	Compounds	Reason
706CB00201	All compounds	Better EICP area recoveries in RE analysis.

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
706CB00201RE	Acrolein Acetonitrile Isobutyl alcohol 1,4-dioxane	+/-	J/UR
706CB00201RE	2-chloroethyl_vinyl_ether	+/-	J/UJ
706CB00201RE	All associated with Chlorobenzene-d5	+/-	J/UJ
706CB00201RE	acetone	+B	U
706CB00201RE	methylene chloride	+B	U
706CB00201	All compounds	+/-	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 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 SW846, Method 8270 with CLP deliverables; 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 # 26792A

A validation was performed on the Semivolatile Data from SDG 26792A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	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 RRFs were not within calibration criteria.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5676,-77,-78,-79,-80, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

706CB00201	hexachloropropene (66.5)
	pentachlorobenzene (59.7)
	pyridine (52.9)
	safrole (60.7)
	1,4-naphthoquinone (62.0)
	methyl parathion (54.3)
	parathion (71.9)
	famphur (74.0)
	m-cresol (77.4)
	diphenylamine (83.5)
	sulfotepp (52.8)
	4-methylphenol (63.5)
	p-phenylenediamine (51.3)
	1,3,5-trinitrobenzene (79.5)
	5-nitro-o-toluidine (67.8)

The continuing calibration, A5676,-77,-78,-79,-80, contained compounds with %Ds greater than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

706CB00201	1,3-dinitrobenzene (93.5)
	pentachloronitrobenzene (93.3)
	4-nitroquinoline-1-oxide (259.0)
	kepone (266.7)
	7,12-dimethylbenz(a)anthrace (94.6)

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5676,-77,-78,-79,-80, contained compounds with RRFs less than 0.05. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (R).

706CB00201	aramite (0.039) hexachlorophene (0.021)

DI Blanks

Associated blank	Compound	Conc.	Action level
003DB00101	bis(2-ethylhexyl) phthalate	4J ug/Kg	40 ug/Kg

Samples	Compound	Qualification
706CB00201	bis(2-ethylhexyl) phthalate	CRQL

Compound Identification/Quantitation

Specific Finding:

The laboratory did not include the following compounds in there calibration curve or continuing calibration, compounds carbazole, 3-methyl-cholanthrene and 1,2-dibromo-3-chloropropane. For all samples, qualify all positive results estimated (J) and reject all non detects (UR).

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
706CB00201	hexachloropropene (66.5) pentachlorobenzene (59.7) pyridine (52.9) safrole (60.7) 1,4-naphthoquinone (62.0) methyl parathion (54.3) parathion (71.9) famphur (74.0) m-cresol (77.4) diphenylamine (83.5) sulfotepp (52.8) 4-methylphenol (63.5) p-phenylenediamine (51.3) 1,3,5-trinitrobenzene (79.5) 5-nitro-o-toluidine (67.8)	+/-	J/UJ
706CB00201	1,3-dinitrobenzene (93.5) pentachloronitrobenzene (93.3) 4-nitroquinoline-1-oxide (259.0) kepone (266.7) 7,12-dimethylbenz(a)anthrace (94.6)	+/-	J/UR
706CB00201	aramite (0.039) hexachlorophene (0.021)	+/-	J/UR
706CB00201	bis(2-ethylhexyl) phthalate	+	CRQL
706CB00201	carbazole 3-methyl-cholanthrene 1,2-dibromo-3-chloropropane	+/-	J/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

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 8080A; 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 # 26792A

A validation was performed on the Pesticide/Aroclor Data from SDG 26792A. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory analyzed a single point curve for the aroclors and toxaphene. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Holding Times

The extraction holding times were exceeded for two (2) samples.

Specific Finding

The extraction holding times were exceeded by seven (7) days for a re-extracted sample and dilution. For the following samples, the positive results are qualified as estimated, J, and the non-detect results are qualified as estimated, UJ.

706CB00201RE
706CB00201DL

Field Duplicates

The field duplicate pair of samples 706SB00201 and 706CB00201RE/DL exhibited positive results for 4,4'-DDE, 4,4'DDD, and 4,4'-DDT in the field sample. The field duplicate exhibited positive results for 4,4'-DDE, 4,4'DDD, 4,4'-DDT, and Gamma Chlordane. Qualifications were required for Gamma Chlordane.

Specific Finding

The field duplicate pair of samples 706SB00201 and 706CB00201RE/DL exhibited a positive result above the CRQL for Gamma Chlordane in the field duplicate. Gamma Chlordane was not detected in the field sample. The positive result is qualified as estimated, J, and the non-detect result is qualified as estimated, UJ.

706CB00201RE/DL	Gamma Chlordane (200%)

Compound Identification/Quantitation

One (1) sample was re-extracted due to 0% surrogate recoveries. The RE sample required dilution to accurately quantitate target compounds. Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines.

Compound Identification/Quantitation, Continued

Specific Findings

For the following sample, the results are rejected, UR, in favor of the results reported from the re-extracted analysis for the noted reason.

Sample	Compound	Reason
706CB00201	All compounds	0% surrogate recoveries

For the following sample, the results for the E flagged compound 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.

706CB00201RE

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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.

DATA ASSESSMENT NARRATIVE

ORGANOPHOSPHOROUS 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 SW-846 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 # 26792A

A validation was performed on the Organophosphorous Pesticide Data from SDG 26792A. 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

UR = 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 compound 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 compound 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	COMPOUND 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

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 SW-846 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 # 26792A

A validation was performed on the Chlorinated Herbicides from SDG 26792A. 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

UR = 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 compound 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 compound 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	COMPOUND 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 AND NARRATIVE

Dioxin/Furans

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, matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA SW846, Method 8290; 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 # 26792

A validation was performed on the Dioxin/Furans Data from SDG 26792. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Mass Resolution Checks
- * Column Performance
- * Calibrations
- * Internal Standard Performance
- Blanks
- * Matrix Spike/Matrix Spike Duplicate
- * Field Duplicates
- * Congener Identification /Quantitation

* - All criteria were met for this parameter

Method Blanks

One (1) of the two (2) method blanks exhibited contamination for a octa-dioxin.

Sample ID	Congener ID	Blank Conc. pg/L	Sample Conc. pg/L	Qualification
003-E-B001-001	OCDD	7.14	3.8	U

Field Blanks

The field and equipment rinseate blanks exhibited a positive result for 1,2,3,4,6,7,8-HpCDF. However, the results did not impact the associated field sample.

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = Result is rejected and unusable

D= Result value is based on the 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
003-E-B001-01	OCDD	+XB	U

* 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, HEXAVALENT CHROMIUM 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 SW 846 Methods; 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 # 26792B

A validation was performed on the Metals, Hexavalent Chromium and Cyanide Data from SDG 26792B. The data was evaluated based on the following parameters for field duplicate samples.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	Post Digestion Spiking

* - 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	0.15 mg/kg	no impact
Nickel	0.15 mg/kg	no impact
Tin	1.42 mg/kg	all soil samples below 7.1 mg/kg
Cyanide	0.24 mg/kg	all soil samples below 1.2 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Beryllium	0.45 ug/l	all soil samples below 0.45 mg/kg
Calcium	23.1 ug/l	no impact
Zinc	5.8 ug/l	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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Cobalt	-0.06 mg/kg	no impact
Thallium	-0.43 mg/kg	all soil samples below 4.3 mg/kg

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

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 below 7.1 mg/kg	Sn.	+	U
all soil samples below 1.29 mg/kg	Cn.		
all soil samples below 0.45 mg/kg	Be.		
all soil samples below 4.3 mg/kg	Tl.	+/U	J/UJ
All "B" results	all analytes	B	J

ANNOTATED FORM Is

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26792B
Date:	October 23, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	August 29-30, 1996
Number of Samples:	2 Aqueous Sample(s) with 0 MS/MSD(s) 10 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/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 S. Simpson
for Paul B. Hamburg, President

10/30/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26792B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL		CN	
003SB00101	SOIL				X		X		X		X
003SB00102	SOIL				X		X		X		X
120SB00101	SOIL		X		X		X		X		X
120SB00201	SOIL		X		X		X		X		X
120SB00202	SOIL		X		X		X		X		X
120SB00301	SOIL		X		X		X		X		X
706SB00101	SOIL		X		X		X		X		X
706SB00102	SOIL		X		X		X		X		X
706SB00201	SOIL		X		X		X		X		X
706SB00202	SOIL		X		X		X		X		X
120TB00101	WATER	X									
706TB00202	WATER	X									
Total Billable Samples (Water/Soil)		2	8	0	10	0	10	0	10	0	10

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
TAL= SW846 Metals
CN= SW846 Cyanide

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 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 # 26792B

A validation was performed on the Volatile Data from SDG 26792B. 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 calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The average RRF requirements were not met for all continuing calibration compounds.

Continuing Calibrations, continued

Specific Findings

The continuing calibration standard I20919.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below, positive results are qualified as estimated, J, and non-detect results are rejected, UR.

120SB00201	2-chloroethyl_vinyl_ether (0.043)
120SB00202	
120SB00301	
120SB00101	

The continuing calibration standard I20945.D contained a compound with a %D greater than 50% but less than 90%. For the samples and non-compliant compound listed below, the positive and non-detect results are qualified as estimated, J/UJ.

706SB00101	2-chloroethyl_vinyl_ether (57.6%)
706SB00102	
706SB00201	

The continuing calibration standard I20970.D contained a compound with a %D greater than 50% but less than 90%. For the samples and non-compliant compound listed below, the positive and non-detect results are qualified as estimated, J/UJ.

706SB00202	2-chloroethyl_vinyl_ether (78.8%)

Method Blanks

The method blanks exhibited contamination. The samples required qualification. 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 consideration when applying the 5X or 10X criteria to field samples

	VBLK1	VBLK4	VBLK5
acetone	4 µg/Kg	4 µg/Kg	3 µg/Kg
methylene chloride	--------	3 µg/Kg	6 µg/Kg

Method Blanks, continued

Specific Finding

Blank	Samples	Compound	Action Level	Qualification
VBLK1	120SB00201	acetone	40 µg/Kg	CRQL
	120SB00301	acetone	40 µg/Kg	U
	120SB00202 120SB00101	acetone	40 µg/Kg	NA
VBLK4	706SB00101 706SB00201	acetone	40 µg/Kg	U
	706SB00102	acetone	40 µg/Kg	NA
	706SB00101 706SB00102 706SB00201	methylene chloride	30 µg/Kg	CRQL
VBLK5	706SB00202	acetone	30 µg/Kg	NA
	706SB00202	methylene chloride	60 µg/Kg	U

Field QC Blanks

The trip blank, the rinseate blank, and the DI blank associated with these samples exhibited contamination. The samples required qualification. 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 consideration when applying the 5X or 10X criteria to field samples.

	120TB00101	003EB00101	003DB00101
methylene chloride	2 µg/L	4 µg/L	5 µg/L
chloroform	--------	14 µg/L	16 µg/L
carbon disulfide	--------	-------	4 µg/L

Field QC Blanks, continued

	003DB00101
1,1-dichloroethene	41 μg/L
trichloroethene	52 μg/L
benzene	51 μg/L
toluene	54 μg/L
chlorobenzene	57 μg/L

Blank	Samples	Compound	Action Level	Qualification
120TB00101	120SB00101 120SB00201 120SB00202 120SB00301	methylene chloride	20 μg/Kg	U
003DB00101	706SB00102	1,1-dichloroethene	205 μg/Kg	CRQL
	706SB00102	trichloroethene	260 μg/Kg	CRQL

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
120SB00201 120SB00202 120SB00301 120SB00101	2-chloroethyl_vinyl_ether	+/-	J/UR
706SB00101 706SB00102 706SB00201	2-chloroethyl_vinyl_ether	+/-	J/UJ
706SB00202	2-chloroethyl_vinyl_ether	+/-	J/UJ
120SB00201	acetone	+B	CRQL
120SB00202 706SB00102 706SB00202 120SB00101	acetone	+B	NA
706SB00101 706SB00201 120SB00301	acetone	+B	U
706SB00101 706SB00102 706SB00201	methylene chloride	+B	CRQL
706SB00202	methylene chloride	+B	U

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
120SB00101 120SB00201 120SB00202 120SB00301	methylene chloride	+	U
706SB00102	1,1-dichloroethene	+	CRQL
706SB00102	trichloroethene	+	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 SW846, Method 8270 with CLP deliverables; National Functional Guidelines for Organic Data Review, and DQO Level III. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # 26792

A validation was performed on the Semivolatile Data from SDG 26792. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

DI Blanks

Associated blank	Compound	Conc.	Action level
003DB00101	bis(2-ethylhexyl) phthalate	4J ug/L	40 ug/L

Samples	Compound	Qualification
120SB00101 120SB00201 120SB00202 120SB00301 706SB00101	bis(2-ethylhexyl) phthalate	CRQL

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. The data required qualifications for field blank contamination.

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 the 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
120SB00101	bis(2-ethylhexyl)	+	CRQL
120SB00201	phthalate		
120SB00202			
120SB00301			
706SB00101			

* 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 8080A; 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 # 26792B

A validation was performed on the Pesticide/Aroclor Data from SDG 26792B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory analyzed a single point curve for the aroclors and toxaphene. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Field Duplicates

The field duplicate pair of samples 706SB00201 and 706CB00201RE/DL exhibited positive results for 4,4'-DDE, 4,4'DDD, and 4,4'-DDT in the field sample. The field duplicate exhibited positive results for 4,4'-DDE, 4,4'DDD, 4,4'-DDT, and Gamma Chlordane. Qualifications were required for Gamma Chlordane.

Specific Finding

The field duplicate pair of samples 706SB00201 and 706CB00201RE/DL exhibited a positive result above the CRQL for Gamma Chlordane in the field duplicate. Gamma Chlordane was not detected in the field sample. The positive result is qualified as estimated, J, and the non-detect result is qualified as estimated, UJ.

706SB00201 Gamma Chlordane (200%)

Compound Identification/Quantitation

Several samples required dilution to accurately quantitate target compounds. Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines.

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.

120SB00101
120SB00201
120SB00202
706SB00102
706SB00202

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% are reported as undetected, U.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
706SB00201	Gamma Chlordane	+/-	J/UJ
120SB00101 120SB00201 120SB00202 706SB00102 706SB00202	All E Flagged	+E	D
120SB00101DL 120SB00201DL 120SB00202DL 706SB00102DL 706SB00202DL	All others	+/-	UR
ALL	All P >40% But ≤ 70%	+	NJ
ALL	All P > 70%	+	U

* 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 SW 846 Methods; 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 # 26792A

A validation was performed on the Metals and Cyanide Data from SDG 26792A. 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
*	•	Post Digestion Spiking

* - 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
Aluminum	3.41 mg/kg	no impact
Antimony	0.32 mg/kg	all soil samples below 1.6 mg/kg
Chromium	0.15 mg/kg	no impact
Iron	2.50 mg/kg	no impact
Tin	1.68 mg/kg	all soil samples below 8.4 mg/kg

Cyanide	0.24 mg/kg	all soil samples below 1.2 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Beryllium	0.45 ug/l	all soil samples below 0.45 mg/kg
Calcium	23.1 ug/l	no impact
Zinc	5.8 ug/l	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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Thallium	-0.43 mg/kg	all soil samples below 4.3 mg/kg

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

Matrix Spike Recovery

Specific Finding

The Matrix Spike recoveries for Arsenic (67%), Antimony (60%), Manganese (60%), Selenium (72%) and Thallium (71%) were below the lower control limits (>30 but <75%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

Duplicate Analysis

Specific Finding

The Duplicate analysis for Calcium was outside the control limits of 35%. All positive results are qualified as estimated, "J". The RPD for Lead (31%) was not greater than 35%.

Serial Dilutions

Specific Finding

The serial dilution for Lead was outside the control limits. 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 below 1.6 mg/kg	Sb.	+	U
All soil samples below 8.4 mg/kg	Sn.		
All soil samples below 1.2 mg/kg	Cn.		
All soil samples below 0.45 mg/kg	Be.		
All soil samples below 0.43 mg/kg	Tl.	+/U	J/UJ
All soil samples	As, Sb, Mn, Se and Tl.	+/U	J/UJ
All soil samples	Ca.	+	J
All soil samples	Pb.	+	J
All "B" results	all analytes	B	J

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26813A
Date:	October 23, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 9, 1996
Number of Samples:	2 Aqueous Sample(s) with 0 MS/MSD(s) 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:	Volatiles, Semivolatiles, Pesticide/PCB's, Organophosphorus Pesticides, Herbicides, Dioxin/Furans, Hexavalent Chromium, 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. Seafoss
Paul B. Humburg, President

10/31/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26813A

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		OPP		HERB		D/F		HCR		TAL		CN	
011L000101	SOIL		X		X		X		X		X		X		X		X		X
0115000101	SOIL		X		X		X		X		X		X		X		X		X
011E000101	WATER	X		X		X		X		X		X		X		X		X	
0117000101	WATER	X		X		X		X		X		X		X		X		X	
Total Billable Samples (Water/Soil)		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

VOA= SW846 Volatiles
SV= SW846 Semivolatiles
P/P= SW846 Pesticide/PCBs
OPP= SW846 Organophosphorus Pesticides
HERB= SW846 Herbicides
D/F= SW846 Dioxin/Furans
HCR= SW846 Hexavalent Chromium
TAL= SW846 Metals
CN= SW846 Cyanide

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 for Appendix IX target list; 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 # 26813A

A validation was performed on the Volatile Data from SDG 26813A. 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 because the SDG consisted of four (4) field QC blanks only.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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 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 SW846, Method 8270 with CLP deliverables; 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 # 26813A

A validation was performed on the Semivolatile Data from SDG 26813A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Compound Identification/Quantitation

Specific Finding:

The laboratory did not include the following compounds in their calibration curve or continuing calibration, compounds carbazole, 3-methyl-cholanthrene and 1,2-dibromo-3-chloropropane. No qualifications are required because, only QC field samples were analyzed.

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. The data as presented did not require qualifications because, only field QC samples were included in this SDG.

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 the 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

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

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 8080A; 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 # 26813A

A validation was performed on the Pesticide/Aroclor Data from SDG 26813A. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory analyzed a single point curve for the aroclors and toxaphene. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

System Performance and Overall Assessment

Overall performance was acceptable. The data did not require qualifications as only field QC blanks were included in this data package.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND 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

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 # 26813A

A validation was performed on the Organophosphorus Pesticide Data from SDG 26813A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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

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 # 26813A

A validation was performed on the Herbicide Data from SDG 26813A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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 AND NARRATIVE

Dioxin/Furans

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, matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA SW846, Method 8290; 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 # 26813

A validation was performed on the Dioxin/Furans Data from SDG 26813. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Mass Resolution Checks
- * Column Performance
- * Calibrations
- * Internal Standard Performance
- Blanks
- * Matrix Spike/Matrix Spike Duplicate
- * Field Duplicates
- * Congener Identification /Quantitation

* - All criteria were met for this parameter

Method Blanks

One (1) of the two (2) method blanks exhibited contamination for octa-dioxin.

Sample ID	Congener ID	Blank Conc. pg/L	Sample Conc. pg/L	Qualification
011-7-0001-01	OCDD	15.4	3.45	NA

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = Result is rejected and unusable

D= Result value is based on the 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
011-7-0001-01	OCDD	+B	U

* 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, HEXAVALENT CHROMIUM 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 SW 846 Methods; 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 # 26813B and C

A validation was performed on the Metals, Hexavalent Chromium and Cyanide Data from SDG 26813B and C. The data was evaluated based on the following parameters for field duplicate samples.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	Post Digestion Spiking

* - 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	0.13 mg/kg	no impact
Iron	2.88 mg/kg	no impact
Lead	0.21 mg/kg	no impact
Tin	1.73 mg/kg	no impact

Cyanide	0.18 mg/kg	no impact

* all QC samples no qualification required.

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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Aluminum	-5.00 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

Serial Dilution

Specific Finding

The serial dilution for Sodium was outside the control limits. All positive results are qualified as estimated, "J". No qualification required, QC samples only.

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

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26813B
Date:	October 23, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 3-9, 1996
Number of Samples:	6 Aqueous Sample(s) with 0 MS/MSD(s) 12 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Metal, 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. Sanford
for Paul B. Humburg, President

10/31/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26813B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		TAL		CN	
011T000101	WATER	X									
706SB00301	SOIL		X		X		X		X		
706TB00301	WATER	X									
706SB00302	SOIL		X		X		X		X		
706SB00401	SOIL		X		X		X		X		
706SB00402	SOIL		X		X		X		X		
706SB00601	SOIL		X		X		X		X		
706SB00602	SOIL		X		X		X		X		
706SB00701	SOIL		X		X		X		X		
706TB00701	WATER	X									
706EB00701	WATER	X		X		X		X		X	
706DB00701	WATER	X		X		X		X		X	
706SB00702	SOIL		X		X		X		X		
706SB00801	SOIL		X		X		X		X		
706TB00801	WATER	X									
706SB00901	SOIL		X		X		X		X		
706SB00902	SOIL		X		X		X		X		
706SB01001	SOIL		X		X		X		X		
Total Billable Samples (Water/Soil)		6	12	2	12	2	12	2	12	2	0

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
TAL= SW846 Metals
CN= SW846 Cyanide

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 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 # 26813B

A validation was performed on the Volatile Data from SDG 26813B. 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 Calibrations

The initial calibrations were not acceptable for all compound %RSDs. The average RRF requirements were not met for all initial calibration compounds. Qualifications were required.

Initial Calibrations, continued
Specific Findings

The initial calibration dated 09/16/96 on instrument I contained a compound with an average RRF less than 0.05. For the sample and non-compliant compound listed below, the positive results are qualified as estimated, J, and the non-detect results are rejected, UR.

706SB00902	2-chloroethyl_vinyl_ether (0.031)

Continuing Calibrations

The continuing calibrations that were analyzed by the laboratory for these samples were not acceptable for all compound %Ds. The average RRF requirements were not met for all continuing calibration compounds. Original samples or RE samples that are rejected for other QC reasons in the Compound Quantitation section of this narrative are not mentioned in these specific findings.

Specific Findings

The continuing calibration standard I20970.D contained a compound with a %D greater than 50% but less than 90%. For the samples and non-compliant compound listed below, the positive and non-detect results are qualified as estimated, J/UJ.

706SB00402RE	2-chloroethyl_vinyl_ether (78.8%)

The continuing calibration standard I20945.D contained a compound with a %D greater than 50% but less than 90%. For the samples and non-compliant compound listed below, the positive and non-detect results are qualified as estimated, J/UJ.

706SB00401	2-chloroethyl_vinyl_ether (57.6%)
706SB00601	
706SB00701	
706SB00702	

The continuing calibration standard I20992.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below, positive results are qualified as estimated, J, and non-detect results are rejected, UR.

706SB00602RE	2-chloroethyl_vinyl_ether (0.037)
706SB01001	

Continuing Calibrations, continued
Specific Findings

The continuing calibration standard I21007.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below positive results are qualified as estimated, J, and non-detect results are rejected, UR.

706SB00801	2-chloroethyl_vinyl_ether (0.031)

The continuing calibration standard R21048.D contained a compound with an average RRF less than 0.05. For the samples and non-compliant compound listed below, positive results are qualified as estimated, J, and non-detect results are rejected, UR.

706SB00301	2-chloroethyl_vinyl_ether (0.037)
706SB00302	
706SB00901	

The continuing calibration standard R21048.D contained a compound with a %D greater than 25% but less than 50% for which qualifications were required. For the samples and non-compliant compound listed below, positive results are qualified as estimated, J.

706SB00301	2-butanone (32.4%)
706SB00302	
706SB00901	

Internal Standards

All samples did not exhibit acceptable EICP area recoveries. Original samples or RE samples that are rejected for other QC reasons in the Compound Quantitation section of this narrative are not mentioned in these specific findings.

Specific Finding

The following samples exhibited EICP area recoveries below the lower QC limit. All positive results and non detect for compounds associated with the noted internal standard are qualified as estimated, J/UJ.

706SB00702	All Internal Standards
706SB00402RE	1,4-difluorobenzene
706SB00602RE	chlorobenzene-d5

Method Blanks

The method blanks exhibited contamination. The samples required qualification. 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 consideration when applying the 5X or 10X criteria to field samples. Original samples or RE samples that are rejected for other QC reasons in the Compound Quantitation section of this narrative are not mentioned in these specific findings.

	VBLK2	VBLK3	VBLK6	VBLK7	VBLK10
acetone	3 µg/Kg	3 µg/Kg	2 µg/Kg	1 µg/Kg	3 µg/Kg
methylene chloride	3 µg/Kg	6 µg/Kg	1 µg/Kg	--------	--------

Specific Finding

Blank	Samples	Compound	Action Level	Qualification
VBLK2	706SB00401 706SB00601 706SB00701	acetone	30 µg/Kg	CRQL
	706SB00702	acetone	30 µg/Kg	NA
	706SB00401 706SB00601 706SB00701 706SB00702	methylene chloride	30 µg/Kg	CRQL
VBLK3	706SB00402RE	methylene chloride	60 µg/Kg	U
	706SB00402RE	acetone	30 µg/Kg	NA
VBLK6	706SB00801	acetone	20 µg/Kg	CRQL
VBLK7	706SB00301 706SB00302 706SB00901	acetone	10 µg/Kg	NA

Method Blanks, continued

Specific Findings, continued

Blank	Samples	Compound	Action Level	Qualification
VBLK10	706SB00902DL	acetone	30 µg/Kg	NA

Field QC Blanks

The trip blanks, the rinseate blanks, and the DI blanks associated with these samples exhibited contamination. The samples required qualification. 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 consideration when applying the 5X or 10X criteria to field samples.

	706TB00801	011E000101	706EB00701	706DB00701
acetone	4 µg/L	--------	--------	15 µg/L
methylene chloride	--------	--------	7 µg/L	3 µg/L
carbon disulfide	-------	2 µg/L	1 µg/L	--------
chloroform	--------	18 µg/L	15 µg/L	11 µg/L

Specific Finding

Blank	Samples	Compound	Action Level	Qualification
706TB00801	706SB01001	acetone	40 µg/Kg	CRQL
011E000101	706SB00902	carbon disulfide	10 µg/Kg	U
706EB00701	706SB00301 706SB00302 706SB00602RE 706SB00901	methylene chloride	70 µg/Kg	CRQL

Field QC Blanks, continued

Specific Findings, continued

Blank	Samples	Compound	Action Level	Qualification
706DB00701	706SB00301 706SB00302 706SB00602RE 706SB00902DL 706SB00901	acetone	150 μg/Kg	U
	706SB00402RE 706SB00702 706SB00702DL 706SB00902	acetone	150 μg/Kg	NA

Surrogate Recoveries

Specific Finding

The following sample exhibited one (1) surrogate with a recovery above the upper control limits. All reported positive results are qualified as estimated, J.

Sample	Surrogate	%R
706SB00402RE	toluene-d8	120%

The following sample exhibited one (1) surrogate recovery above the QC limit and one (1) surrogate recovery below the QC limit. All positive and non-detect results reported in the sample are qualified as estimated, J/UJ.

Sample	Surrogate	%R
706SB00702	toluene-d8	118%
	Bromofluorobenzene	68%

Compound Quantitation

Specific Finding

The following sample is rejected, UR, in favor of the original analysis for the noted reason.

Sample	Compounds	Reason
706SB00402 706SB00602	All compounds	Improved internal standard area %R in RE samples.

For the following samples, the E flagged results are rejected, UR, and replaced by the corresponding D flagged result in the dilution analysis. All other results reported from the dilution analysis are rejected in favor of the results reported from the undiluted analysis.

706SB00702
706SB00902

System Performance and Overall Assessment

Overall performance was acceptable. The data reviewer estimates that less than 10% of the data required qualifications/rejections.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
706SB00902	2-chloroethyl_vinyl_ether	+/-	J/UR
706SB00402RE	2-chloroethyl_vinyl_ether	+/-	J/UJ
706SB00401 706SB00601 706SB00701 706SB00702	2-chloroethyl_vinyl_ether	+/-	J/UJ
706SB00602RE 706SB01001	2-chloroethyl_vinyl_ether	+/-	J/UR
706SB00801	2-chloroethyl_vinyl_ether	+/-	J/UR
706SB00301 706SB00302 706SB00901	2-chloroethyl_vinyl_ether	+/-	J/UR
706SB00301 706SB00302 706SB00901	2-butanone	+	J
706SB00702	All associated with All Internal Standards	+/-	J/UJ
706SB00402RE 706SB00602RE	All associated with 1,4-difluorobenzene chlorobenzene-d5	+/-	J/UJ

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
706SB00401	acetone	+B	CRQL
706SB00601			
706SB00701			
706SB00801			
706SB00702	acetone	+B	NA
706SB00301			
706SB00302			
706SB00901			
706SB00902DL			
706SB00402RE			
706SB00401	methylene chloride	+B	CRQL
706SB00601			
706SB00701			
706SB00702			
706SB00402RE	methylene chloride	+B	U
706SB01001	acetone	+	CRQL
706SB00902	carbon disulfide	+	U
706SB00301	methylene chloride	+	CRQL
706SB00302			
706SB00602RE			
706SB00901			
706SB00301	acetone	+	U
706SB00302			
706SB00602RE			
706SB00902DL			
706SB00901			
706SB00402RE	acetone	+	NA
706SB00702			
706SB00702DL			
706SB00902			

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
706SB00402RE	All compounds	+	J
706SB00702	All compounds	+/-	J/UJ
706SB00402 706SB00602	All compounds	+/-	UR
706SB00702 706SB00902	All E flagged compounds	+E	UR
706SB00702DL 706SB00902DL	All except corresponding D flagged compounds	+/-	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 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 SW846, Method 8270 with CLP deliverables; National Functional Guidelines for Organic Data Review, and DQO Level III. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # 26813

A validation was performed on the Semivolatile Data from SDG 26813. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Field Blanks

Associated blank	Compound	Conc.	Action level
706EB00701	bis(2-ethylhexyl) phthalate	2JB ug/L	20 ug/L
706DB00701	bis(2-ethylhexyl) phthalate	2JB ug/L	20 ug/L
008DB00101	bis(2-ethylhexyl) phthalate	1JB ug/L	10 ug/L

Samples	Compound	Qualification
706SB00302 706SB00602 706SB00702	bis(2-ethylhexyl) phthalate	CRQL

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
706SB00302	bis(2-ethylhexyl)	+	CRQL
706SB00602	phthalate		
706SB00702			

* 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 8080A; 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 # 26813B

A validation was performed on the Pesticide/Aroclor Data from SDG 26813B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for the aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Continuing Calibrations

One (1) continuing calibration standard associated with the reported samples exhibited %Ds above the QC limits and required qualifications of the data.

Specific Findings

The continuing calibration of 9/25/96 (02:45) contained a compound with a %D greater than 15% but less than 50%. For the sample and the non-compliant compound listed below, the positive results are qualified as estimated, J.

706SB00602 Alpha Chlordane (-15.6%)

Surrogate Recoveries

Two (2) field samples exhibited non-compliant TCX and/or DCB recoveries.

Specific Finding

The samples listed below exhibited high TCX and/or DCB recoveries and required qualifications. The positive results are qualified as estimated, J.

Sample ID	Surrogate	% Recovery
706SB00402	DCB-1/DCB-2	219%/217%
706SB00602	DCB-1	176%

Compound Identification/Quantitation

Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines. Results that exhibited %Ds greater than 70%, were outside the calibration range, were the result of a dilution, or were above 10X the CRQL (professional opinion) were qualified as presumptively present at an estimated concentration. In addition several results with high %Ds were not flagged with a P on the Form 1 or sample spreadsheet. The data validator qualified the data based on the %Ds on the sample Form 10s. Sample 706SB00602 was diluted to accurately quantitate target compounds. Sample 706SB00402 exhibited a result for 4,4'-DDT that was above the calibration range of the instrument. However, this samples was not diluted per the method; therefore, this result is qualified as estimated. It is the professional opinion of the data validator that single component pesticides reported in the samples with high concentrations of aroclors should be considered suspect.

Specific Findings

For the following sample, the results for the E flagged compounds are rejected, UR, in favor of the results reported from the DL analysis. All other results from the dilution are rejected, UR.

706SB00602

For the following sample, the result for 4,4'-DDT is qualified as estimated, as it is above the calibration range of the instrument.

706SB00402 4,4'-DDT

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results less than 10X the CRQL are reported as undetected, U.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results greater than 10X the CRQL are qualified as presumptively present at an estimated concentration, NJ.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
706SB00602	Alpha Chlordane	+	J
706SB00402 706SB00602	ALL	+	J
706SB00602	All E flagged	+E	D
706SB00602DL	All others	+/-	UR
706SB00402	4,4'-DDT	+	J
ALL	All P >40% But ≤ 70%	+	NJ
ALL	All P > 70% And < 10X CRQL	+	U
ALL	All P > 70% And < 10X CRQL	+	NJ

* 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 SW 846 Methods; 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 # 26813A

A validation was performed on the Metals and Caynide Data from SDG 26813A. 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
*	•	Post Digestion Spiking

* - 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	0.13 mg/kg	no impact
Iron	2.88 mg/kg	no impact
Lead	0.22 mg/kg	no impact
Tin	1.73 mg/kg	all soil samples below 8.65 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Barium	0.86 ug/l	no impact
Copper	3.0 ug/l	no impact
Iron	46.3 ug/l	no impact
Manganese	0.97 ug/l	no impact
Mercury	0.18 ug/l	all soil samples below 0.18 mg/kg
Potassium	83.6 ug/l	no impact
Sodium	81.8 ug/l	no impact
Vanadium	1.3 ug/l	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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Aluminum	-5.00 mg/kg	no impact
Vanadium	-0.09 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

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 below 8.65 mg/kg	Sn.	+	U
all soil samples below 0.18 mg/kg	Hg.		
All "B" results	all analytes	B	J

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26879A
Date:	November 8, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 10-11, 1996
Number of Samples:	1 Aqueous Sample(s) with 0 MS/MSD(s) 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:	Volatiles, Semivolatiles, Pesticide/PCB's, Explosives, Herbicides, Organophosphorus Pesticides, Dioxin/Furans, Hexavalent Chromium, Metals, Cyanide, Hydrazine

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. Seaman
Paul B. Humburg, President

11/14/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26879A

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		EXP		HERB		OPP		D/F		HCR		TAL		CN		HYD	
636CB00201	SOIL		X		X		X		X		X		X		X		X		X		X		X
637P000101	WATER	X		X		X				X		X		X		X		X		X			
638CB00101	SOIL		X		X		X				X		X		X		X		X		X		
Total Billable Samples (Water/Soil)		1	2	1	2	1	2	0	1	1	2	1	2	1	2	1	2	1	2	1	2	0	1

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
EXP= Explosives
HERB= Herbicides
OPP= Organophosphorus Pesticides
D/F= Dioxin/Furan
HCR= Hexavalent Chromium
TAL= SW846 Metals
CN= Cyanide
HYD= Hydrazine

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 # 26879A

A validation was performed on the Volatile Data from SDG 26879A. 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 within continuing calibration criteria. Average RRFs were exhibited that were not within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, I21120.D, contained compounds with RRFs 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 (UR).

638CB00101	acrolein (0.034)
636CB00201	2-chloroethyl vinyl ether (0.033)
	Isobutyl alcohol (0.007)
	Acetonitrile (0.020)
	1,4-dioxane (0.002)

The continuing calibration, I21149.D, contained compounds with RRFs 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 (UR).

638CB00101RE	2-chloroethyl vinyl ether (0.048)
	Acrolein (0.035)
	Acetonitrile (0.020)
	Isobutyl alcohol (0.008)
	1,4-dioxane (0.002)

Internal Standards

All internal standard EICP areas did not meet the internal standard EICP area QA/QC criteria. Qualifications are required.

Specific Finding:

The Samples listed below, exhibited low internal standard areas. Qualify all associated positive results as estimated (J) and all non detects as estimated(UJ).

638CB00101	1,4-difluorobenzene
638CB00101RE	chlorobenzene-d_5

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
VBLK1	methylene chloride	2J ug/L	20 ug/L
	Acetone	3J ug/L	30 ug/L
VBLK2	methylene chloride	4J ug/kg	40 ug/kg
	Acetone	4J ug/kg	40 ug/kg
VBLK3	methylene chloride	4J ug/kg	40 ug/kg
	Acetone	3J ug/kg	30 ug/kg

Samples	Compound	Qualification
638CB00201 638CB00101	methylene chloride	CRQL
638CB00101RE	methylene chloride	U

Method Blank (continued)

Samples	Compound	Qualification
638CB00101 638CB00101RE	acetone	CRQL

Compound Identification /Quantitation

Reject sample 638CB00101RE, in favor of the initial analysis, due to non compliant internal standard area recoveries.

System Performance and Overall Assessment

The overall system performance was acceptable. 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	COMPOUND ID	DL	QL
638CB00101 636CB00201	acrolein 2-chloroethyl vinyl ether Isobutyl alcohol Acetonitrile 1,4-dioxane	+/-	J/UR
638CB00101RE	2-chloroethyl vinyl ether Acrolein Acetonitrile Isobutyl alcohol 1,4-dioxane	+/-	J/UR
638CB00101 638CB00101RE	All associated compounds 1,4-difluorobenzene chlorobenzene-d_5	+/-	J/UJ
638CB00201 638CB00101	methylene chloride	+	CRQL
638CB00101RE	methylene chloride	+	U
638CB00101 638CB00101RE	acetone	+	CRQL
638CB00101RE	all results	+/-	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 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 SW846, Method 8270 with CLP deliverables; 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 # 26879A

A validation was performed on the Semivolatile Data from SDG 26879A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	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 RRFs were not within calibration criteria.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5806, -07, -08, -09, -10, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

638CB00101	2,6-dichlorophenol (63.5)
	1,2,4,5-tetrachlorobenzene (52.1)
	ethyl methanesulfonate (59.0)
	2-picoline (53.7)
	acetophenone (75.6)
	n-nitrosopyrrolidine (60.3)
	n-nitrosomorpholine (54.9)
	o-toluidine (58.5)
	o,o,o-triethyl phosphorothio (84.8)
	isosafrole (67.2)
	1,4-naphthaquinone (86.6)
	2,4-dinitrotoluene (60.1)
	1-naphthylamine (62.4)
	2-naphthylamine (68.6)
	phenacetin (59.8)
	4-aminobiphenyl (78.6)
	isodrin (67.6)
	2-acetylaminofluorene (66.9)
	sulfotepp (66.9)
	7,12-dimethylbenz(a)anthracene (88.0)
	1,3,5-trinitrobenzene (63.1)

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5806, -07, -08, -09, -10, contained compounds with %Ds greater than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

638CB00101	n-nitrosodiethylamine (91.3)
	1-nitroso-piperidine (91.8)
	n-nitrosodi-n-butylamine (97.2)
	safrole (100.6)
	1,3-dinitrobenzene (127.9)
	5-nitro-o-toluidine (107.2)
	diallate (106.1)
	pentachloronitrobenzene (126.0)
	methyl parathion (110.7)
	parathion (126.0)
	methapyrilene (103.1)
	3,3'-dimethylbenzidine (113.0)
	famphur (151.2)
	4-nitroquinoline-1-oxide (184.4)
	kepone (181.8)

The continuing calibration, A5806, -07, -08, -00, -10, contained compounds with RRFs less than 0.05. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

638CB0101	aramite (43.1)
	hexachlorophene (61.2)

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5836, - 38, -39, -40, -41, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

636CB00201	2,6-dichlorophenol (64.6) 1,2,4,5-tetrachlorobenzene (59.5) safrole (65.4) 1,4-naphthoquinone (54.2) 1,3-dinitrobenzene (86.4) 5-nitro-o-toluidine (69.1) diallate (60.7) methyl parathion (74.8) parathion (88.4) famphur (62.4) 4-nitroquinoline-1-oxide (67.7) 1,3,5-trinitrobenzene (54.9)

The continuing calibration, A5836, -38, -39, -40, -41, contained compounds with %Ds greater than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

636CB00201	pentachloronitrobenzene (97.8) kepone (115.0) 7,12-dimethylbenz(a)anthracene (100.3)

The continuing calibration, A5836, -38, -39, -40, -41, contained compounds with RRFs less than 0.05. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

636CB00201	aramite (32.2) hexachlorophene (65.5)

Method Blanks

Associated blank	Compound	Conc.	Action level
SBLK1	bis(2-ethylhexyl) phthalate	34J ug/Kg	340 ug/Kg

Samples	Compound	Qualification
638CB00101	bis(2-ethylhexyl) phthalate	CRQL

Field Duplicates

Specific Finding:

For the field dup pair 636SB00201 and 636CB00201, qualify positive results for pyrene and fluoranthene as estimated (J) and non detects as estimated (UJ).

Compound Identification/Quantitation

Specific Finding:

The laboratory did not include the following compounds in there calibration curve or continuing calibration, compounds carbazole, 3-methyl-cholanthrene and 1,2-dibromo-3-chloropropane. For all samples, qualify all positive results estimated (J) and reject all non detects (UR).

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
638CB00101	2,6-dichlorophenol (63.5)	+/-	J/UJ
	1,2,4,5-tetrachlorobenzene (52.1)		
	ethyl methanesulfonate (59.0)		
	2-picoline (53.7)		
	acetophenone (75.6)		
	n-nitrosopyrrolidine (60.3)		
	n-nitrosomorpholine (54.9)		
	o-toluidine (58.5)		
	o,o,o-triethyl phosphorothio (84.8)		
	isosafrole (67.2)		
	1,4-naphthaquinone (86.6)		
	2,4-dinitrotoluene (60.1)		
	1-naphthylamine (62.4)		
	2-naphthylamine (68.6)		
	phenacetin (59.8)		
	4-aminobiphenyl (78.6)		
	isodrin (67.6)		
	2-acetylaminofluorene (66.9)		
	sulfotepp (66.9)		
	7,12-dimethylbenz(a)anthracene (88.0)		
	1,3,5-trinitrobenzene (63.1)		
638CB00101	n-nitrosodiethylamine (91.3)	+/-	J/UR
	1-nitroso-piperidine (91.8)		
	n-nitrosodi-n-butylamine (97.2)		
	safrole (100.6)		
	1,3-dinitrobenzene (127.9)		
	5-nitro-o-toluidine (107.2)		
	diallate (106.1)		
	pentachloronitrobenzene (126.0)		
	methyl parathion (110.7)		
	parathion (126.0)		
	methapyrilene (103.1)		
	3,3'-dimethylbenzidine (113.0)		
	famphur (151.2)		
	4-nitroquinoline-1-oxide (184.4)		
	kepone (181.8)		

* 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

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	ANALYTE ID	DL	QL
638CB0101	aramite (43.1) hexachlorophene (61.2)	+/-	J/UR
636CB00201	2,6-dichlorophenol (64.6) 1,2,4,5-tetrachlorobenzene (59.5) safrole (65.4) 1,4-naphthoquinone (54.2) 1,3-dinitrobenzene (86.4) 5-nitro-o-toluidine (69.1) diallate (60.7) methyl parathion (74.8) parathion (88.4) famphur (62.4) 4-nitroquinoline-1-oxide (67.7) 1,3,5-trinitrobenzene (54.9)	+/-	J/UJ
636CB00201	pentachloronitrobenzene (97.8) kepone (115.0) 7,12-dimethylbenz(a)anthracene (100.3)	+/-	J/UR
636CB00201	aramite (32.2) hexachlorophene (65.5)	+/-	J/UR
638CB00101	bis(2-ethylhexyl) phthalate	+	CRQL
636CB00201	pyrene fluoranthene	+/-	J/UJ
636CB00201 638CB00101	carbazole 3-methyl-cholanthrene 1,2-dibromo-3-chloropropane	+/-	J/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

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 8080A; 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 # 26879A

A validation was performed on the Pesticide/Aroclor Data from SDG 26879A. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for all aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Continuing Calibrations

One (1) continuing calibration standard associated with the reported samples exhibited %Ds above the QC limits and required qualifications of the data.

Specific Findings

The continuing calibration of INDBL316N (9/30/96 17:10) contained two (2) compounds with %Ds greater than 15% but less than 50% that required qualifications. For the sample and the non-compliant compounds listed below, the positive results are qualified as estimated, J.

638CB00101	Heptachlor Epoxide (-26.8%)
	Alpha-Chlordane (-23.6%)

Surrogate Recoveries

One (1) field sample exhibited non-compliant DCB recoveries.

Specific Finding

The sample listed below exhibited high DCB recoveries and required qualifications. The positive results are qualified as estimated, J.

Sample ID	Surrogate	% Recovery
638CB00101	DCB-1/DCB-2	2041%/2055%

Field Duplicates

The field duplicate pair of samples 636SB00201/DL and 636CB00201/DL exhibited positive results for five (5) compounds. The field duplicate pair of samples 638SB00101/DL and 638CB00101/DL exhibited positive results for seven (7) compounds in the field sample and six (6) compounds in the field duplicate. Qualifications were required for both field duplicate pairs as several calculated RPDs were above the QC limit of 50%.

Field Duplicates, Continued

Specific Finding, Continued

The field duplicate pair of samples 638SB00101/DL and 638CB00101/DL exhibited a positive result above the CRQL for Methoxychlor in the field sample. This compound was not detected in the field duplicate. The positive results are qualified as estimated, J, and the non-detect results are qualified as estimated, UJ, due to poor duplicate precision.

638CB00101	Methoxychlor (200%)

The field duplicate pairs of samples 636SB00201/DL and 636CB00201/DL and 638SB00101/DL and 638CB00101/DL exhibited positive results above the CRQL and high RPDs for several compounds. For the following samples and compounds, the positive results are qualified as estimated, J, due to poor duplicate precision.

636CB00201/DL	4,4'-DDE (72%) 4,4'-DDD (95%) Alpha-Chlordane (56%) Gamma-Chlordane (71%)
638CB00101/DL	Heptachlor Epoxide (71%) 4,4'-DDE (53%)

Compound Identification/Quantitation

Two (2) samples were diluted to accurately quantitate target compounds.

Specific Findings

For the following samples, the results for the E flagged compounds are rejected, UR, in favor of the results reported from the DL analysis. All other results from the dilution are rejected, UR.

636CB00201
638CB00101

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
638CB00101	Heptachlor Epoxide Alpha-Chlordane	+	J
638CB00101	ALL	+	J
638CB00101	Methoxychlor	+/-	J/UJ
636CB00201/DL	4,4'-DDE 4,4'-DDD Alpha-Chlordane Gamma-Chlordane	+	J
638CB00101/DL	Heptachlor Epoxide 4,4'-DDE	+	J
636CB00201 638CB00101	All E Flagged	+E	D
636CB00201DL 638CB00101DL	All except corresponding D flagged results	+/-	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

EXPLOSIVES

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8330; 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# 26879A

A validation was performed on the Explosives data from SDG 26879A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	HPLC Performance
*	•	Calibrations
*	•	Blanks
*	•	LCS Recoveries
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

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

UR = 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 compound 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 compound 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	COMPOUND 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

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 SW-846 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 # 26879A

A validation was performed on the Chlorinated Herbicides from SDG 26879A. 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

UR = 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 compound 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 compound 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	COMPOUND 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

ORGANOPHOSPHOROUS 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 SW-846 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 # 26879A

A validation was performed on the Organophosphorous Pesticide Data from SDG 26879A. 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

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL

No qualifications were required

* DL denotes the Form 1 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, HEXAVALENT CHROMIUM 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 SW 846 Methods; 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 # 26879B/C/D

A validation was performed on the Metals, Hexavalent Chromium and Cyanide Data from SDG 26879B/C/D. 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
*	•	Post Digestion Spiking

* - 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
26879B only		
Tin	1.52 mg/kg	all soil samples below 7.6 mg/kg
Cyanide	0.18 mg/kg	all soil samples below 0.9 mg/kg

26879C only		
Tin	1.08 mg/kg	all soil samples below 5.4 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Antimony	4.8 ug/l	all soil samples below 4.8 mg/kg
Copper	1.2 ug/l	no impact
Sodium	532 ug/l	all soil samples below 532 mg/kg

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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
26879B only		
Aluminum	-1.55 mg/kg	no impact
Cobalt	-0.08 mg/kg	no impact
Thallium	-0.39 mg/kg	all soil samples below 3.9 mg/kg
Vanadium	-0.04 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

Field and Duplicate Analysis

Specific Finding

The RPDs for field duplicate samples (636SB00201 and 636CB00201) for Barium (69%), Lead (78%) and Calcium (58%) were 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
SDG 26879B samples below 1.52 mg/kg	Sn.	+	U
SDG 26879B samples below 0.9 mg/kg	Cn.		
SDG 26879C samples below 5.4 mg/kg	Sn.		
all soil samples below 4.8 mg/kg	Sb.		
all soil samples below 532 mg/kg	Na.		
all soil samples below 3.9 mg/kg	Tl.	+/U	J/UJ
636SB00201 and 636CB00201.	Ba, Pb and Ca.	+	J
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE

HYDRAZINE

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the Method N3503; 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# 26879A

A validation was performed on the Hydrazine data from SDG 26879A. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Calibrations
- * Blanks
- * LCS Recoveries
- MS/MSD Recoveries
- Field Duplicates
- * Identification/Quantitation

* - All criteria were met for this parameter.

MS/MSD Recoveries

Specific Finding

The MS/MSD pair of sample 636SB00101 exhibited recoveries below reasonable limits. The laboratory has not established QC limits at this time. The recoveries were less than 30% in the MSD and less than 10% in the MS. The recoveries were flagged as non-compliant by the laboratory. In the professional opinion of the reviewer, all positive results reported in the following samples are qualified as estimated, J, and all non-detect results are rejected, UR.

Samples	Compound	MS %R	MSD %R
All Samples	hydrazine	5.5%	18.0%

Field Duplicates

Specific Finding

The field duplicate pair of samples 636SB00201/636CB00201 exhibited a non-compliant RPD for the reported results. The result was non-detect in the field sample and above the reporting limit in the field duplicate. The reported non-detect result in the following sample is qualified as estimated, J. (The field duplicate is reported in SDG 26879A)

636CB00201

Overall Performance

Overall performance was acceptable. All of the field samples in this SDG required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
636CB00201	hydrazine	+/-	J/UR
636CB00201	hydrazine	+	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 AND NARRATIVE

Dioxin/Furans

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, matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA SW846, Method 8290; 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 # 26879

A validation was performed on the Dioxin/Furans Data from SDG 26879. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Mass Resolution Checks
- * Column Performance
- * Calibrations
- * Internal Standard Performance
- Blanks
- * Matrix Spike/Matrix Spike Duplicate
- * Field Duplicates
- * Congener Identification /Quantitation

* - All criteria were met for this parameter

Method Blanks

One (1) of the method blanks exhibited contamination that resulted in qualifications.

Sample ID	Congener ID	Blank Conc. ng/Kg	Sample Conc. ng/Kg	Quals
638-C-B001-01	OCDD	0.812	58	NA
	OCDF	0.826	5.97	NA

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = Result is rejected and unusable

D= Result value is based on the 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
638-C-B001-01	OCDD	+B	NA
	OCDF	+B	NA

* 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#:	26879B
Date:	November 8, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 10-11, 1996
Number of Samples:	3 Aqueous Sample(s) with 0 MS/MSD(s) 11 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Explosives, Metals, Cyanide, Hydrazine

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. Scarpos
for Paul B. Humburg, President

11/14/96
Date

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SDG# 26879B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		EXP		TAL		CN		HYD	
636SB00101	SOIL		X		X		X		X		X				X
636SB00201	SOIL		X		X		X		X		X				X
636TB00201	WATER	X													
636SB00202	SOIL		X		X		X		X		X				X
636SB00301	SOIL		X		X		X		X		X				X
636SB00302	SOIL		X		X		X		X		X				X
636SB00401	SOIL		X		X		X		X		X				X
636SB00402	SOIL		X		X		X		X		X				X
636SB00501	SOIL		X		X		X		X		X				X
636SB00502	SOIL		X		X		X		X		X				X
637T000101	WATER	X													
638SB00101	SOIL		X		X		X				X		X		
638TB00101	WATER	X													
638SB00102	SOIL		X		X		X				X		X		
Total Billable Samples (Water/Soil)		3	11	0	11	0	11	0	9	0	11	0	2	0	9

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
EXP= Explosives
TAL= SW846 Metals
CN= Cyanide
HYD= Hydrazine

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 III. All comments made within this report should be considered when examining the analytical results.

SDG # 26879B

A validation was performed on the Volatile Data from SDG 26879B. 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 average RRFs that were not within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, I21120.D, contained compounds with RRFs 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 (UR).

638SB00101	2-chloroethyl vinyl ether (0.033)
638SB00102	

The continuing calibration, I21179.D, contained compounds with RRFs 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 (UuR).

636SB00202	2-chloroethyl vinyl ether (0.020)
636SB00501	
636SB00401	
636SB00402	

The continuing calibration, I21179.D, contained compounds with %Ds greater than 25% and less than 50%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J).

636SB00202	2-butanone (38%)
636SB00401	

The continuing calibration, I21204.D, contained compounds with %Ds greater than 25% and less than 50%. For the samples and non-compliant compounds listed below, qualify all positive results as estimated (J).

636SB00302	2-butanone (26.2%)
636SB00201	
636SB00402RE	
636SB00101	

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, I21204.D, contained compounds with RRFs 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 (UR).

636SB00302	2-chloroethyl vinyl ether (0.048)
636SB00201	
636SB00501RE	
636SB00402RE	
636SB00301	
636SB00101	

The continuing calibration, I21236.D, contained compounds with %Ds greater than 50% and 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).

636SB00502	2-chloroethyl vinyl ether (87.1%)

Internal Standards

All internal standard EICP areas did not meet the internal standard EICP area QA/QC criteria. Qualifications are required.

Specific Finding:

The Samples listed below, exhibited low internal standard areas. Qualify all associated positive results as estimated (J) and all non detects as estimated(UJ).

638SB00102RE	bromochloromethane
636SB00501	1,4-difluorobenzene
636SB00402	chlorobenzene-d_5
636SB00501RE	
638SB00101	1,4-difluorobenzene
636SB00402RE	chlorobenzene-d_5
638SB00102	chlorobenzene-d_5

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
VBLK3	methylene chloride	4J ug/kg	40 ug/kg
	Acetone	4J ug/kg	40 ug/kg
VBLK4	methylene chloride	4J ug/kg	40 ug/kg
VBLK6	acetone	4J ug/kg	40 ug/kg
VBLK7	methylene chloride	2J ug/kg	20 ug/kg

Samples	Compound	Qualification
638SB00101 638SB00102 636SB00502	methylene chloride	CRQL
638SB00102RE	methylene chloride	U
638SB00101 636SB00301	acetone	U

Rinseate Blank

Associated blank	Compound	Concentration	Action Level
706EB00701	methylene chloride	7 ug/L	70 ug/L
	Carbon disulfide	1J ug/L	10 ug/L

Samples	Compound	Qualification
636SB00302 636SB00402 636SB00402RE	carbon disulfide	CRQL
636SB00302 636SB00402RE 636SB00401 636SB00501RE	methylene chloride	CRQL
636SB00402 636SB00501	methylene chloride	U

DI Blank

Associated blank	Compound	Concentration	Action Level
706DB00701	acetone	15 ug/L	150 ug/L

Samples	Compound	Qualification
636SB00101 636SB00201 636SB00202 636SB00401 636SB00501 636SB00501RE 636SB00502 638SB00102	acetone	U

Surrogates

All of the surrogate recoveries for these samples were not within QA/QC limits. Qualifications are required.

Specific Finding:

Sample listed below exhibited high recoveries for toluene-d_8 and low recoveries for bromofluorobenzene. Qualify all positive results as estimated (J) and non detects as estimated (UJ).

636SB00501 (153% and 58%)
636SB00501RE (138% and 58%)

Compound Identification /Quantitation

Reject sample 636SB00501RE, in favor of the initial analysis, due surrogate and internal standard areas.

Reject sample 638SB00102RE and 636SB00402, in favor of 638SB00102 and 636SB00402RE, due to non compliant internal standard area recoveries.

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. The data reviewer estimates that less than 10% 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

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
638SB00101 638SB00102	2-chloroethyl vinyl ether	+/-	J/UR
636SB00202 636SB00501 636SB00401 636SB00402	2-chloroethyl vinyl ether	+/-	J/UR
636SB00202 636SB00401	2-butanone	+	J
636SB00302 636SB00201 636SB00402RE 636SB00101	2-butanone	+	J
636SB00302 636SB00201 636SB00501RE 636SB00402RE 636SB00301 636SB00101	2-chloroethyl vinyl ether	+/-	J/UR
636SB00502	2-chloroethyl vinyl ether	+/-	J/UJ
	All associated compounds	+/-	J/UJ
638SB00102RE	bromochloromethane		
636SB00501	1,4-difluorobenzene		
636SB00402 636SB00501RE	chlorobenzene-d_5		
638SB00101	1,4-difluorobenzene		
636SB00402RE	chlorobenzene-d_5		
638SB00102	chlorobenzene-d_5		

* 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

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
638SB00101 638SB00102 636SB00502	methylene chloride	+	CRQL
638SB00102RE	methylene chloride	+	U
638SB00101 636SB00301	acetone	+	U
636SB00302 636SB00402 636SB00402RE	carbon disulfide	+	CRQL
636SB00302 636SB00402RE 636SB00401 636SB00501RE	methylene chloride	+	CRQL
636SB00402 636SB00501	methylene chloride	+	U
636SB00101 636SB00201 636SB00202 636SB00401 636SB00501 636SB00501RE 636SB00502 638SB00102	acetone	+	U
636SB00501 636SB00501RE	all compounds	+/-	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

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
636SB00501RE	all results	+/-	R
638SB00102RE	all results	+/-	R
636SB00402			

* 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 SW846, Method 8270 with CLP deliverables; National Functional Guidelines for Organic Data Review, and DQO Level III. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # 26879B

A validation was performed on the Semivolatile Data from SDG 26879B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	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 RRFs were within calibration criteria.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, JJS594, contained compounds with %Ds greater than 25% D but less than 50% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J).

638SB00101	benzo(g,h,i)perylene (26.3)

Field Duplicates

Specific Finding:

For the field dup pair 636SB00201 and 636CB00201, qualify positive results for pyrene and fluoranthene as estimated (J) and non detects as estimated (UJ).

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
638SB00101	benzo(g,h,i)perylene (26.3)	+	J
636SB00201	pyrene fluoranthene	+/-	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

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 8080A; 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 # 26879B

A validation was performed on the Pesticide/Aroclor Data from SDG 26879B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for all aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Continuing Calibrations

Two (2) continuing calibration standards associated with the reported samples exhibited %Ds above the QC limits and required qualifications of the data.

Specific Findings

The continuing calibration of INDBL36N (9/25/96 06:41) contained one (1) compound with a %D greater than 15% but less than 50% that required qualifications. For the sample and the non-compliant compound listed below, the positive results are qualified as estimated, J.

636SB00101 Gamma Chlordane (15.7%)

The continuing calibration of INDBL36P (9/25/96 23:57) contained one (1) compound with a %D greater than 15% but less than 50% that required qualifications. For the sample and the non-compliant compound listed below, the positive results are qualified as estimated, J.

636SB00501 Alpha Chlordane (15.3%)

Surrogate Recoveries

Three (3) field samples exhibited non-compliant TCX or DCB recoveries.

Specific Finding

The sample listed below exhibited high DCB recoveries and required qualifications. The positive results are qualified as estimated, J.

Sample ID	Surrogate	% Recovery
638SB00101	DCB-1/DCB-2	1094%/1111%

The sample listed below exhibited low DCB recoveries. The positive results are qualified as estimated, J, and the non-detect results are qualified as estimate, UJ.

Sample ID	Surrogate	% Recovery
638SB00102	DCB-1/DCB-2	39%/28%

Surrogate Recoveries, Continued

Specific Finding, Continued

The sample listed below exhibited TCX recoveries below 10%. The positive results are qualified as estimated, J, and the non-detect results are rejected, UR.

Sample ID	Surrogate	% Recovery
638SB00101DL	TCX-1/TCX-2	5%/4%

Field Duplicates

The field duplicate pair of samples 636SB00201/DL and 636CB00201/DL exhibited positive results for five (5) compounds. The field duplicate pair of samples 638SB00101/DL and 638CB00101/DL exhibited positive results for seven (7) compounds in the field sample and six (6) compounds in the field duplicate. Qualifications were required for both field duplicate pairs as several calculated RPDs were above the QC limit of 50%.

Specific Finding

The field duplicate pair of samples 638SB00101/DL and 638CB00101/DL exhibited a positive result above the CRQL for Methoxychlor in the field sample. This compound was not detected in the field duplicate. The positive results are qualified as estimated, J, and the non-detect results are qualified as estimated, UJ, due to poor duplicate precision.

638SB00101	Methoxychlor (200%)

The field duplicate pairs of samples 636SB00201/DL and 636CB00201/DL and 638SB00101/DL and 638CB00101/DL exhibited positive results above the CRQL and high RPDs for several compounds. For the following samples and compounds, the positive results are qualified as estimated, J, due to poor duplicate precision.

636SB00201/DL	4,4'-DDE (72%) 4,4'-DDD (95%) Alpha-Chlordane (56%) Gamma-Chlordane (71%)
638SB00101/DL	Heptachlor Epoxide (71%) 4,4'-DDE (53%)

Compound Identification/Quantitation

Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines. Results were qualified as presumptively present at an estimated concentration (NJ) if they exhibited %Ds greater than 70% and one (1) or more of the following: were outside the calibration range, the result of a dilution, or above 10X the CRQL (professional opinion). Three (3) samples were diluted to accurately quantitate target compounds. It is the professional opinion of the data validator that single component pesticides reported in the samples with high concentrations of aroclors should be considered suspect.

Specific Findings

For the following samples, the results for the E flagged compounds are rejected, UR, in favor of the results reported from the DL analysis. All other results from the dilution are rejected, UR.

636SB00201
636SB00402
638SB00101

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results less than 10X the CRQL are reported as undetected, U.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results greater than 10X the CRQL are qualified as presumptively present at an estimated concentration, NJ.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
636SB00101	Gamma Chlordane	+	J
636SB00501	Alpha Chlordane	+	J
638SB00101	ALL	+	J
638SB00102	ALL	+/-	J/UJ
638SB00101DL	ALL	+/-	J/UR
638SB00101	Methoxychlor	+/-	J/UJ
636SB00201/DL	4,4'-DDE 4,4'-DDD Alpha-Chlordane Gamma-Chlordane	+	J
638SB00101/DL	Heptachlor Epoxide 4,4'-DDE	+	J
636SB00201 636SB00402 638SB00101	All E Flagged	+E	D
636SB00201DL 636SB00402DL 638SB00101DL	All except corresponding D flagged results	+/-	UR
ALL	All P >40% But ≤ 70%	+	NJ
ALL	All P > 70% And < 10X CRQL	+	U
ALL	All P > 70% And > 10X CRQL	+	NJ

* 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

EXPLOSIVES

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8330; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26879B

A validation was performed on the Explosives data from SDG 26879B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	HPLC Performance
*	•	Calibrations
*	•	Blanks
*	•	LCS Recoveries
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

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

UR = 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 compound 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 compound 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	COMPOUND 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
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 SW 846 Methods; 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 # 26879A

A validation was performed on the Metals and Cyanide Data from SDG 26879A. 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
*	•	Post Digestion Spiking

* - 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
Lead	0.25 mg/kg	no impact
Tin	1.90 mg/kg	all soil samples below 9.5 mg/kg
Zinc	0.83 mg/kg	no impact
Cyanide	0.18 mg/kg	all soil samples below 0.9 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Antimony	4.8 ug/l	all soil samples below 4.8 mg/kg
Copper	1.2 ug/l	no impact
Sodium	532 ug/l	all soil samples below 532 mg/kg

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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Aluminum	-1.55 mg/kg	no impact
Antimony	-0.57 mg/kg	all soil samples below 5.7 mg/kg
Silver	-0.28 mg/kg	all soil samples below 2.8 mg/kg
Vanadium	-0.08 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

Matrix Spike recovery

Specific Finding

The Matrix Spike recoveries for soils for Arsenic (15%) and Zinc (0%) were below 30%. All non-detect results are rejected and all positive results are qualified as estimated, "J".

The Matrix Spike recoveries for soils for Antimony (72%), Chromium (44%), Manganese (54%), Thallium (74%) and Vanadium (73%) were below the lower control limits (>30% but <75%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

Field and Duplicate Analysis

Specific Finding

The RPDs for the laboratory duplicate samples for soils for Aluminum (78%), Calcium (79%), Copper (37%), Iron (63%), Lead (56%) and Zinc (41%) were greater than 35%. All positive results are qualified as estimated, "J". The RPDs for Arsenic (30%), Chromium (32%), Magnesium (30%) and Manganese (34%) were not greater than 35% and will not be qualified.

The RPDs for field duplicate samples (636SB00201 and 636CB00201) for Barium (69%), Lead (78%) and Calcium (58%) were 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 below 9.5 mg/kg	Sn.	+	U
all soil samples below 4.8 mg/kg	Sb.		
all soil samples below 0.9 mg/kg	Cn.		
all soil samples below 532 mg/kg	Na.		
all soil samples below 5.7 mg/kg	Sb.	+/U	J/UJ
all soil samples below 2.8 mg/kg	Ag.		
all soil samples	As and Zn.	+	J
		U	R
all soil samples	Sb, Cr, Mn, Tl, V and Zn.	+/U	J/UJ
all soil samples	Al, Ca, Cu, Fe, Pb and Zn.	+	J
636SB00201 and 636CB00201.	Ba, Pb and Ca.	+	J
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE

HYDRAZINE

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the Method N3503; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26879B

A validation was performed on the Hydrazine data from SDG 26879B. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Calibrations
- * Blanks
- * LCS Recoveries
- MS/MSD Recoveries
- Field Duplicates
- * Identification/Quantitation

* - All criteria were met for this parameter.

MS/MSD Recoveries

Specific Finding

The MS/MSD pair of sample 636SB00101 exhibited recoveries below reasonable limits. The laboratory has not established QC limits at this time. The recoveries were less than 30% in the MSD and less than 10% in the MS. The recoveries were flagged as non-compliant by the laboratory. In the professional opinion of the reviewer, all positive results reported in the following samples are qualified as estimated, J, and all non-detect results are rejected, UR.

Samples	Compound	MS %R	MSD %R
All Samples	hydrazine	5.5%	18.0%

Field Duplicates

Specific Finding

The field duplicate pair of samples 636SB00201/636CB00201 exhibited a non-compliant RPD for the reported results. The result was non-detect in the field sample and above the reporting limit in the field duplicate. The reported non-detect result in the following sample is qualified as estimated, J. (The field duplicate is reported in SDG 26879A)

636SB00201

Overall Performance

Overall performance was acceptable. All of the field samples in this SDG required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
All Samples	hydrazine	+/-	J/UR
636SB00201	hydrazine	-	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

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26915B
Date:	November 7, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 12, 1996
Number of Samples:	3 Aqueous Sample(s) with 0 MS/MSD(s) 13 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Explosives, Gasoline Range Organics, Diesel Range Organics, Metals, Cyanide, Hydrazine

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. Searfoss
for Paul B. Humburg, President

11/12/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26915B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		EXP		GRO		DRO		TAL		CN		HYD	
008SB00101	SOIL		X		X		X		X						X				X
008TB00101	WATER	X																	
008EB00101	WATER	X		X		X								X		X			
008DB00101	WATER	X		X		X								X		X			
636SB00601	SOIL		X		X		X		X						X				X
636SB00701	SOIL		X		X		X		X						X				X
636SB00801	SOIL		X		X		X		X						X				X
636SB00901	SOIL		X		X		X		X						X				X
636SB00902	SOIL		X		X		X		X						X				X
FDSSC00101	SOIL										X		X						
FDSSC00201	SOIL										X		X						
FDSSC00301	SOIL										X		X						
FDSSC00401	SOIL										X		X						
FDSSC00501	SOIL										X		X						
FDSSC00601	SOIL										X		X						
FDSSC00701	SOIL										X		X						
Total Billable Samples (Water/Soil)		3	6	2	6	2	6	0	6	0	7	0	7	2	6	2	0	0	6

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
EXP= Explosives
GRO= Gasoline Range Organics
DRO= Diesel Range Organics
TAL= SW846 Metals
CN= Cyanide
HYD= Hydrazine

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 SW846, Method 8240 with CLP deliverables; the National Functional Guidelines for Organic Data Review, June 1991, and DQO Level III. 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 Qualifications table.

SDG # 26915B

A validation was performed on the Volatile Data from SDG 26915B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	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 RRFs were within calibration criteria.

Continuing Calibrations (continued)

Specific Finding:

The continuing calibration, I21236, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

636SB00901	2-chloroethyl vinyl ether (-87.1)
636SB00601	
636SB00701	
008SB00101	

The continuing calibration, I21263, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

636SB00902	2-chloroethyl vinyl ether (-83.9)
636SB00801	

Method Blanks

Associated blank	Compound	Conc	Action level
VBLK3	methylene chloride	2J ug/Kg	20 ug/Kg
	acetone	4J ug/Kg	40 ug/Kg
VBLK4	methylene chloride	8 ug/Kg	80 ug/Kg
	acetone	40J ug/Kg	40 ug/Kg

Samples	Compound	Qualification
636SB00901	methylene chloride	CRQL
636SB00601		
636SB00701		
008SB00101		
636SB00902	methylene chloride	U
636SB00801		
636SB00601	acetone	CRQL
008SB00101	acetone	U

System Performance and Overall Assessment

The overall system performance was acceptable. 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

UR = Result is rejected and unusable

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
636SB00901 636SB00601 636SB00701 008SB00101	2-chloroethyl- vinyl ether (-87.1)	+/-	J/UJ
636SB00902 636SB00801	2-chloroethyl- vinyl ether (-83.9)	+/-	J/UJ
636SB00901 636SB00601 636SB00701 008SB00101	methylene chloride	+	CRQL
636SB00902 636SB00801	methylene chloride	+	U
636SB00601	acetone	+	CRQL
008SB00101	acetone	+	U

* 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 SW846, Method 8270 with CLP deliverables; National Functional Guidelines for Organic Data Review, and DQO Level III. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # 26915B

A validation was performed on the Semivolatile Data from SDG 26915B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
	•	Internal Standard Performance
	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	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 RRFs were within calibration criteria.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, V14813, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

636SB00801RE	indeno(1,2,3-cd)pyrene (-59.0) dibenzo(a,h)anthracene (-67.1) benzo(g,h,i)perylene (-69.8)

Internal Standards

Specific Finding:

The Samples listed below, exhibited low internal standard areas. Qualify all associated positive results as estimated (J) and all non detects as estimated (UJ).

636SB00601	chrysene-d_{12}
636SB00601RE	perylene-d_{12}
636SB00701	perylene-d_{12}
636SB00801	
636SB00701RE	
636SB00801RE	

DI Blanks

Associated blank	Compound	Conc.	Action level
008DB00101	bis(2-ethylhexyl) phthalate	1JB ug/L	330 ug/Kg

DI Blanks (continued)

Samples	Compound	Qualification
008SB00101	bis(2-ethylhexyl) phthalate	CRQL
636SB00601		
636SB00601RE		
636SB00701		
636SB00701RE		
636SB00801		
636SB00901		
636SB00902		

Compound Identification/Quantitation

Specific Finding:

Reject all results for samples 636SB00601RE, 636SB00701RE and 636SB00801RE, due to non compliant internal standard areas.

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
636SB00801RE	indeno(1,2,3-cd)pyrene (-59.0) dibenzo(a,h)anthracene (-67.1) benzo(g,h,i)perylene (-69.8)	+/-	J/UJ
	All associated compounds	+/-	J/UJ
636SB00601 636SB00601RE	chrysene-d_{12} perylene-d_{12}		
636SB00701 636SB00801 636SB00701RE 636SB00801RE	perylene-d_{12}		
008SB00101 636SB00601 636SB00601RE 636SB00701 636SB00701RE 636SB00801 636SB00901 636SB00902	bis(2-ethylhexyl) phthalate	+	CRQL
636SB00601RE 636SB00701RE 636SB00801RE	All results	+/-	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

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 8080A; 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 # 26915B

A validation was performed on the Pesticide/Aroclor Data from SDG 26915B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for all aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Compound Identification/Quantitation

Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines. Results were qualified as presumptively present at an estimated concentration (NJ) if they exhibited %Ds greater than 70% and one (1) or more of the following: were outside the calibration range, the result of a dilution, or above 10X the CRQL (professional opinion). One (1) sample was diluted to accurately quantitate target compounds. It is the professional opinion of the data validator that single component pesticides reported in the samples with high concentrations of aroclors should be considered suspect.

Specific Findings

For the following sample, the result for the E flagged compound is rejected, UR, in favor of the result reported from the DL analysis. All other results from the dilution are rejected, UR.

636SB00901

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results less than 10X the CRQL are reported as undetected, U.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results greater than 10X the CRQL are qualified as presumptively present at an estimated concentration, NJ.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
636SB00901	All E Flagged	+E	D
636SB00901DL	All except corresponding D flagged results	+/-	UR
ALL	All P >40% But ≤ 70%	+	NJ
ALL	All P > 70% And < 10X CRQL	+	U
ALL	All P > 70% And > 10X CRQL	+	NJ

* 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

EXPLOSIVES

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8330; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26915B

A validation was performed on the Explosives data from SDG 26915B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	HPLC Performance
*	•	Calibrations
*	•	Blanks
*	•	LCS Recoveries
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

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

UR = 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 compound 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 compound 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	COMPOUND 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

TPH - PURGEABLES (GRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for purgeable TPH (GRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26915B

A validation was performed on the TPH (GRO) data from SDG 26915B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Surrogate Recoveries

Specific Finding

The following sample exhibited a surrogate recovery above the QC limit in both the original and diluted analysis of the sample. All positive results reported in the sample are qualified as estimated, J.

Sample	Surrogate	%R
FDSSC00201	naphthalene	354%

DATA ASSESSMENT NARRATIVE
TPH - PURGEABLES (GRO)

Overall Performance

Overall performance was acceptable. The data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
FDSSC00201	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

TPH - EXTRACTABLES (DRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for extractable TPH (DRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26915B

A validation was performed on the TPH (DRO) data from SDG 26915B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualification. A miscellaneous fuel was reported in samples FDSSC00101 and FDSSC00201. These results were not present on the spreadsheet results but were present on the Form I equivalent submitted by the laboratory.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
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 SW 846 Methods; 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 # 26915

A validation was performed on the Metals and Cyanide Data from SDG 26915. 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
*	•	Post Digestion Spiking

* - 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
Lead	0.21 mg/kg	no impact
Tin	1.70 mg/kg	all soil samples below 8.5 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Antimony	4.8 ug/l	all soil samples below 4.8 mg/kg
Copper	1.2 ug/l	no impact
Sodium	532 ug/l	all soil samples below 532 mg/kg

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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Aluminum	-2.3 mg/kg	no impact
Cobalt	-0.12 mg/kg	all soil samples below 1.2 mg/kg
Silver	-0.44 mg/kg	all soil samples below 4.4 mg/kg
Vanadium	-0.13 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

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 below 8.5 mg/kg	Sn.	+	U
all soil samples below 4.8 mg/kg	Sb.		
all soil samples below 532 mg/kg	Na.		
all soil samples below 1.2 mg/kg	Co.	+/U	J/UJ
all soil samples below 4.4 mg/kg	Ag.		
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE

HYDRAZINE

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the Method N3503; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26915B

A validation was performed on the Hydrazine data from SDG 26915B. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • Calibrations
* • Blanks
* • LCS Recoveries
* • Field Duplicates
* • Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualifications.

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND 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#:	26938A
Date:	November 8, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 13, 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 III and IV
Method(s) Utilized:	SW846 Third Edition Appendix IX
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Explosives, Gasoline Range Organics, Diesel Range Organics, Herbicides, Organophosphorus pesticides, Dioxin/Furans, Hexavalent Chromium, Metals, Cyanide, Hydrazine

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. Seaman
Paul B. Humburg, President

11/14/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26938A

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		EXP		HERB		OPP		GRO		DRO		D/F		HCR		TAL		CN		HYD	
637CB00501	SOIL		X		X		X		X		X		X						X		X		X		X		X
FDSCC01101	SOIL														X		X										
Total Billable Samples (Water/Soil)		0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
EXP= Explosives
GRO= Gasoline Range Organics
DRO= Diesel Range Organics
HERB= Herbicides
OPP= Organophosphorus Pesticides
D/F= Dioxin/Furan
HCR= Hexavalent Chromium
TAL= SW846 Metals
CN= Cyanide
HYD= Hydrazine

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 # 26938A

A validation was performed on the Volatile Data from SDG 26938A. 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 average RRFs that were not within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, I21263.D, contained compounds with RRFs 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 (UR).

637CB00501	Acrolein (0.032) Acetonitrile (0.020) Isobutyl alcohol (0.008) 1,4-dioxane (0.001)

The continuing calibration, I21263.D, contained compounds with %Ds greater than 50% and 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).

637CB00501	2-chloroethyl vinyl ether (83.9%)

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
VBLK1	acetone	4J ug/kg	40 ug/kg
	Methylene chloride	8 ug/kg	80 ug/kg

Samples	Compound	Qualification
637CB00501	methylene chloride	U
637CB00501	acetone	U

Field Duplicates

Duplicate sample 637CB00501 did not exhibited positive results for 2-butanone and acetone that were exhibited in the sample 637SB00501. The compounds RPD percentage were above the 50% criteria for soils. Qualify sample 637CB00501 results for 2-butanone and acetone as estimated (UJ). (Detected compounds will be qualified as estimated in the initial sample SDG.)

System Performance and Overall Assessment

The overall system performance was acceptable. 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

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
637CB00501	Acrolein Acetonitrile Isobutyl alcohol 1,4-dioxane	+/-	J/UR
637CB00501	2-chloroethyl vinyl ether	+/-	J/UJ
637CB00501	methylene chloride	+	U
637CB00501	acetone	+	U
637CB00501	2-butanone Acetone	-	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 SW846, Method 8270 with CLP deliverables; 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 # 26938A

A validation was performed on the Semivolatile Data from SDG 26938A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	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 RRFs were not within calibration criteria.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, A5886, -87, -88, -89, -90, contained compounds with %Ds greater than 50% D but less than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and all non detects as estimated (UJ).

637CB00501	2,6-dichlorophenol (58.2) n-nitrosopyrrolidine (53.4) safrole (64.3) 1,4-naphthoquinone (68.7) 1,3-dinitrobenzene (79.2) 5-nitro-o-toluidine (59.4) diallate (62.6) parathion (64.6) famphur (64.0) 1,3,5-trinitrobenzene (67.1)

The continuing calibration, A5886, -87, -88, -89, -90, contained compounds with %Ds greater than 90% D. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

637CB00501	pentachloronitrobenzene (93.4)

The continuing calibration, A5886, -87, -88, -89, -90, contained compounds with RRFs less than 0.05. For the samples and non compliant compounds listed below, qualify all positive results as estimated (J) and reject all non detects (UR).

637CB0501	aramite (33.1) hexachlorophene (64.1)

Compound Identification/Quantitation

Specific Finding:

The laboratory did not include the following compounds in there calibration curve or continuing calibration, compounds carbazole, 3-methyl-cholanthrene and 1,2-dibromo-3-chloropropane. For all samples, qualify all positive results estimated (J) and reject all non detects (UR).

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
637CB00501	2,6-dichlorophenol (58.2) n-nitrosopyrrolidine (53.4) safrole (64.3) 1,4-naphthoquinone (68.7) 1,3-dinitrobenzene (79.2) 5-nitro-o-toluidine (59.4) diallate (62.6) parathion (64.6) famphur (64.0) 1,3,5-trinitrobenzene (67.1)	+/-	J/UJ
637CB00501	pentachloronitrobenzene (93.4)	+/-	J/UR
637CB00501	aramite (33.1) hexachlorophene (64.1)	+/-	J/UR
637CB00501	carbazole 3-methyl-cholanthrene 1,2-dibromo-3-chloropropane	+/-	J/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

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 8080A; 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 # 26938A

A validation was performed on the Pesticide/Aroclor Data from SDG 26938A. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for all aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Field Duplicates

The field duplicate pair of samples 637SB00501 and 637CB00501 exhibited positive results for two (2) compounds in the field sample and one (1) compound in the field duplicate. Qualifications were required.

Specific Finding

The field duplicate pair of samples 637SB00501 and 637CB00501 exhibited a positive result above the CRQL for Heptachlor in the field sample. This compound was not detected in the field duplicate. The positive result is qualified as estimated, J, and the non-detect result is qualified as estimated, UJ, due to poor duplicate precision.

637CB00501	Heptachlor (200%)

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
637CB00501	Heptachlor	+/-	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

EXPLOSIVES

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8330; 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# 26938A

A validation was performed on the Explosives data from SDG 26938A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	HPLC Performance
*	•	Calibrations
*	•	Blanks
*	•	LCS Recoveries
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

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

UR = 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 compound 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 compound 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	COMPOUND 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

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 SW-846 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 # 26938A

A validation was performed on the Chlorinated Herbicides from SDG 26938A. 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

UR = 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 compound 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 compound 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	COMPOUND 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

ORGANOPHOSPHOROUS 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 SW-846 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 # 26938A

A validation was performed on the Organophosphorous Pesticide Data from SDG 26938A. 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

UR = 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 compound 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 compound 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	COMPOUND 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

TPH - PURGEABLES (GRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for purgeable TPH (GRO); 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# 26938A

A validation was performed on the TPH (GRO) data from SDG 26938A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of samples FDSSC01101/FDSCC01101 exhibited positive results for the target compound. The compound was reported above the CRQL in both samples. The RPD for the results was 211%. The field sample result was reported in SDG 26938B.

Specific Finding

The positive result reported for gasoline in sample FDSCC01101 is qualified as estimated, J, due to non-compliant field duplicate precision.

Overall Performance

Overall performance was acceptable. The sample in this SDG required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
FDSCC01101	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

TPH - EXTRACTABLES (DRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for extractable TPH (DRO); 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# 26938A

A validation was performed on the TPH (DRO) data from SDG 26938A. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • GC Performance
* • Calibrations
* • Blanks
* • Surrogate Recoveries
* • Matrix Spike/Matrix Spike Duplicate
* • Field Duplicates
* • Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
METALS, HEXAVALENT CHROMIUM 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 SW 846 Methods; 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 # 26938B

A validation was performed on the Metals, Hexavalent Chromium and Cyanide Data from SDG 26883B. The data was evaluated based on the following parameters for field duplicate samples only.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	Post Digestion Spiking

* - 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
Lead	0.25 mg/kg	no impact
Tin	1.90 mg/kg	all soil samples below 9.5 mg/kg
Zinc	0.83 mg/kg	no impact

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Chromium	0.92 ug/l	no impact
Copper	5.3 ug/l	no impact
Mercury	0.16 ug/l	all soil samples below 0.16 mg/kg
Zinc	12.1 ug/l	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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Antimony	-0.57 mg/kg	all soil samples below 5.7 mg/kg
Silver	-0.28 mg/kg	all soil samples below 2.8 mg/kg
Zinc	-0.08 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

Field Duplicate Analysis

Specific Finding

The RPD for Calcium (62%) for the field duplicate 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 field duplicates below 9.5 mg/kg	Sn.	+	U
all field duplicates below 0.16 mg/kg	Hg.		
all field duplicates below 5.7 mg/kg	Sb.	+/U	J/UJ
all field duplicates below 2.8 mg/kg	Ag.		
all field duplicates	Ca.	+	J
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE

HYDRAZINE

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the Method N3503; 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# 26938A

A validation was performed on the Hydrazine data from SDG 26938A. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Calibrations
- * Blanks
- * LCS Recoveries
- Field Duplicates
- * Identification/Quantitation

* - All criteria were met for this parameter.

Field Duplicates

Specific Finding

The field duplicate pair of samples 637SB00501/637CB00501 exhibited a RPD of 160% for the reported results. The reported positive result in the following sample is qualified as estimated, J. (The field sample is reported in SDG 26938B)

637CB00501

Overall Performance

Overall performance was acceptable. The field sample in this SDG required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
637CB00501	hydrazine	+	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 AND NARRATIVE

Dioxin/Furans

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, matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA SW846, Method 8290; 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 # 26938

A validation was performed on the Dioxin/Furans Data from SDG 26938. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Mass Resolution Checks
*	•	Column Performance
*	•	Calibrations
*	•	Internal Standard Performance
*	•	Blanks
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Congener Identification /Quantitation

* - All criteria were met for this parameter

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. No qualifications were required.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = Result is rejected and unusable

D= Result value is based on the 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

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

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26938B
Date:	November 8, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 13-16, 1996
Number of Samples:	4 Aqueous Sample(s) with 0 MS/MSD(s) 15 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	Volatiles, Semivolatiles, Pesticide/PCB's, Explosives, Gasoline Range Organics, Diesel Range Organics, Metals, Cyanide, Hydrazine

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. Scanlon
Paul B. Hamburg, President

11/14/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26938B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	VOA		SVOA		P/P		EXP		GRO		DRO		TAL		CN		HYD	
008SB00201	SOIL		X		X		X		X						X		X		X
008TB00201	WATER	X																	
008EB00201	WATER	X		X		X								X		X			
008DB00201	WATER	X		X		X								X		X			
008SB00301	SOIL		X		X		X		X						X		X		X
637SB00101	SOIL		X		X		X		X						X		X		X
637TB00101	WATER	X																	
637SB00201	SOIL		X		X		X		X						X		X		X
637SB00301	SOIL		X		X		X		X						X		X		X
637SB00302	SOIL		X		X		X		X						X		X		X
637SB00401	SOIL		X		X		X		X						X		X		X
637SB00501	SOIL		X		X		X		X						X		X		X
FDSSC00801	SOIL										X		X						
FDSSC00901	SOIL										X		X						
FDSSC01001	SOIL										X		X						
FDSSC01101	SOIL										X		X						
FDSSC01301	SOIL										X		X						
FDSSC01401	SOIL										X		X						
FDSSC01601	SOIL										X		X						
Total Billable Samples (Water/Soil)		4	8	2	8	2	8	0	8	0	7	0	7	2	8	2	8	0	8

VOA= SW846 Volatiles
SVOA= SW846 Semivolatiles
P/P= SW846 Pesticide/PCB's
EXP= Explosives
GRO= Gasoline Range Organics
DRO= Diesel Range Organics
TAL= SW846 Metals
CN= Cyanide
HYD= Hydrazine

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 III. All comments made within this report should be considered when examining the analytical results.

SDG # 26938B

A validation was performed on the Volatile Data from SDG 26938B. 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. Average RRFs exhibited that were within continuing calibration criteria. Qualifications are required.

Continuing calibrations (continued)

Specific Finding:

The continuing calibration, I21236.D, contained compounds with %Ds greater than 50% and 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).

008SB00301	2-chloroethyl vinyl ether (87.1%)
637SB00201	
637SB00501	
637SB00301	

The continuing calibration, I21263.D, contained compounds with %Ds greater than 50% and 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).

008SB00301RE	2-chloroethyl vinyl ether (83.9%)
637SB00302	
637SB00101	
637SB00201RE	
637SB00401	
637SB00501RE	
637SB00301RE	
637SB00101RE	
637SB00401RE	
008SB00201	
637SB00302DL	

Internal Standards

All internal standard EICP areas did not meet the internal standard EICP area QA/QC criteria. Qualifications are required.

Internal Standards (continued)

Specific Finding:

The Samples listed below, exhibited low internal standard areas. Qualify all associated positive results as estimated (J) and all non detects as estimated(UJ).

008SB00301	bromochloromethane
637SB00201	1,4-difluorobenzene
637SB00501	chlorobenzene-d_5
637SB00301RE	
637SB00301	1,4-difluorobenzene
008SB00301RE	chlorobenzene-d_5
637SB00101	
637SB00401	
637SB00501RE	
637SB00101RE	
637SB00401RE	
637SB00201RE	chlorobenzene-d_5

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
VBLK3	acetone	4J ug/kg	40 ug/kg
	methylene chloride	2J ug/kg	20 ug/kg
VBLK4	acetone	4J ug/kg	40 ug/kg
	methylene chloride	8 ug/kg	80 ug/kg

Samples	Compound	Qualification
008SB00301 637SB00201 637SB00301 637SB00501 637SB00501RE	methylene chloride	CRQL
637SB00302 637SB00302DL 637SB00101 637SB00101RE 637SB00201RE 637SB00401 637SB00401RE 637SB00301RE 008SB00301RE 008SB00201	methylene chloride	U
637SB00301 008SB00301RE	acetone	CRQL
637SB00201 637SB00301RE 008SB00201 637SB00201RE	acetone	U

Field Duplicates

Sample 637SB00501 exhibited positive results for 2-butanone that were not exhibited in the duplicate sample 637CB00501. The compound RPD percentage was above the 50% criteria for soils. Acetone was exhibited in the duplicate and initial sample, but RPD percentage for this compound was above the 50% criteria. Qualify sample 637SB00501 results for 2-butanone and acetone as estimated (J). (Non detected compounds will be qualified as estimated in the duplicate sample SDG.)

Compound Identification /Quantitation

Reject samples 008SB00301, 637SB00201, 637SB00501, 637SB00301RE, 637SB00101RE, and 637SB00401RE, in favor of 008SB00301RE, 637SB00201RE, 637SB00501RE, 637SB00301, 637SB00101, and 637SB00401, due non compliant internal standard areas.

Reject all E-flagged compounds in sample 637SB00302, in favor of the D-flagged compounds in the diluted samples.

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems. The data reviewer estimates that less than 10% 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

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
008SB00301	2-chloroethyl vinyl ether	+/-	J/UJ
637SB00201			
637SB00501			
637SB00301			
008SB00301RE	2-chloroethyl vinyl ether	+/-	J/UJ
637SB00302			
637SB00101			
637SB00201RE			
637SB00401			
637SB00501RE			
637SB00301RE			
637SB00101RE			
637SB00401RE			
008SB00201			
637SB00302DL			
	All associated compounds	+/-	J/UJ
008SB00301	bromochloromethane		
637SB00201	1,4-difluorobenzene		
637SB00501	chlorobenzene-d_5		
637SB00301RE			
637SB00301	1,4-difluorobenzene		
008SB00301RE	chlorobenzene-d_5		
637SB00101			
637SB00401			
637SB00501RE			
637SB00101RE			
637SB00401RE			
637SB00201RE	chlorobenzene-d_5		

* 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

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
008SB00301	methylene chloride	+	CRQL
637SB00201			
637SB00301			
637SB00501			
637SB00501RE			
637SB00302	methylene chloride	+	U
637SB00302DL			
637SB00101			
637SB00101RE			
637SB00201RE			
637SB00401			
637SB00401RE			
637SB00301RE			
008SB00301RE			
008SB00201			
637SB00301	acetone	+	CRQL
008SB00301RE			
637SB00201	acetone	+	U
637SB00301RE			
008SB00201			
637SB00201RE			
637SB00501	2-butanone	+	J
	Acetone		

* 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

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	COMPOUND ID	DL	QL
008SB00301 637SB00201 637SB00501 637SB00301RE 637SB00101RE 637SB00401RE	all results	+/-	UR
637SB00302	E-flagged compounds	+	UR
637SB00302DL	All compounds except D-flagged compounds	+/-	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 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 SW846, Method 8270 with CLP deliverables; National Functional Guidelines for Organic Data Review, and DQO Level III. All comments made within this report should be considered when examining the analytical results (Form I's).

SDG # 26938B

A validation was performed on the Semivolatile Data from SDG 26938B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC/MS Tuning
*	•	Calibrations
	•	Internal Standard Performance
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
	•	Compound Identification /Quantitation

* - All criteria were met for this parameter

Internal Standards

Specific Finding:

The Samples listed below, exhibited internal standard areas that exceeded the QA/QC limit. Qualify all associated positive results as estimated (J).

008SB00301 acenaphthene-d_{10}

Internal Standards (continued)

Specific Finding:

The Samples listed below, exhibited low internal standard areas. Qualify all associated positive results as estimated (J) and all non detects as estimated (UJ).

637SB00201	perylene-d_{12}
637SB00401	chrysene-d_{12}
637SB00501	perylene-d_{12}
637SB00301	
637SB00302	
008SB00301RE	
637SB00201RE	
637SB00401RE	
637SB00301RE	
637SB00101RE	
637SB00101	phenanthrene-d_{10}
637SB00501RE	chrysene-d_{12}
637SB00302RE	perylene-d_{12}

Compound Identification/Quantitation

Specific Finding:

Reject all results for the samples listed below, due to non compliant internal standard areas.

637SB00101
637SB00501RE
637SB00302RE
008SB00301RE
637SB00201RE
637SB00401RE
637SB00301RE

System Performance and Overall Assessment

The overall system performance was acceptable. 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 the 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
008SB00301	All associated compounds acenaphthene-d_{10}	+	J
637SB00201	All associated compounds perylene-d_{12}	+/-	J/UJ
637SB00401	chrysene-d_{12}		
637SB00501	perylene-d_{12}		
637SB00301			
637SB00302			
008SB00301RE			
637SB00201RE			
637SB00401RE			
637SB00301RE			
637SB00101RE			
637SB00101	phenanthrene-d_{10}		
637SB00501RE	chrysene-d_{12}		
637SB00302RE	perylene-d_{12}		
637SB00101	All results	+/-	UR
637SB00501RE			
637SB00302RE			
008SB00301RE			
637SB00201RE			
637SB00401RE			
637SB00301RE			

* 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 8080A; 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 # 26938B

A validation was performed on the Pesticide/Aroclor Data from SDG 26938B. 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.

Contractual Non-Compliance

The method requires that all target compounds, including the multi-component compounds, be analyzed with a five (5) point calibration curve. The laboratory did not analyze a five (5) point curve for all aroclors and toxaphene in each sequence included in this SDG. No positive results were reported for the compounds analyzed with a single point calibration, therefore the data did not require qualification.

Field Duplicates

The field duplicate pair of samples 637SB00501 and 637CB00501 exhibited positive results for two (2) compounds in the field sample and one (1) compound in the field duplicate. Qualifications were required.

Specific Finding

The field duplicate pair of samples 637SB00501 and 637CB00501 exhibited a positive result above the CRQL for Heptachlor in the field sample. This compound was not detected in the field duplicate. The positive result is qualified as estimated, J, and the non-detect result is qualified as estimated, UJ, due to poor duplicate precision.

637SB00501 Heptachlor (200%)

Compound Identification/Quantitation

Several samples exhibited column quantitation %Ds greater than 40%. Qualifications were required per the EnSafe guidelines. Results were qualified as presumptively present at an estimated concentration (NJ) if they exhibited %Ds greater than 70% and one (1) or more of the following: were outside the calibration range, the result of a dilution, or above 10X the CRQL (professional opinion). In addition several results with high %Ds were not flagged with a P on the Form 1 or sample spreadsheet. The data validator qualified the data based on the %Ds on the sample Form 10s. One (1) sample was diluted to accurately quantitate target compounds. It is the professional opinion of the data validator that single component pesticides reported in the samples with high concentrations of aroclors should be considered suspect.

Specific Findings

For the following sample, the results for the E flagged compound is rejected, UR, in favor of the results reported from the DL analysis. All other results from the dilution are rejected, UR.

637SB00301

The positive results reported in all samples which exhibited column quantitation differences greater than 40% but less than 70% are qualified as presumptively present at an estimated concentration, NJ.

Compound Identification/Quantitation, Continued

Specific Findings, Continued

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results less than 10X the CRQL are reported as undetected, U.

The positive results reported in all samples which exhibited column quantitation differences greater than 70% and results greater than 10X the CRQL are qualified as presumptively present at an estimated concentration, NJ.

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

NJ = Result is considered presumptively present at an estimated concentration

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
637SB00501	Heptachlor	+/-	J/UJ
637SB00301	All E Flagged	+E	D
637SB00301DL	All except corresponding D flagged results	+/-	UR
ALL	All P >40% But ≤ 70%	+	NJ
ALL	All P > 70% And < 10X CRQL	+	U
ALL	All P > 70% And > 10X CRQL	+	NJ

* 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

EXPLOSIVES

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the SW-846 Method 8330; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26938B

A validation was performed on the Explosives data from SDG 26938B. The data was evaluated based on the following parameters.

* • Data Completeness
* • Holding Times
* • HPLC Performance
* • Calibrations
* • Blanks
* • LCS Recoveries
* • Field Duplicates
* • Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

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

UR = 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 compound 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 compound 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	COMPOUND 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

TPH - PURGEABLES (GRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for purgeable TPH (GRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26938B

A validation was performed on the TPH (GRO) data from SDG 26938B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Field Duplicates

The field duplicate pair of samples FDSSC01101/FDSCC01101 exhibited positive results for the target compound. The compound was reported above the CRQL in both samples. The RPD for the results was 211%. The field duplicate result was reported in SDG 26938A.

Specific Finding

The positive result reported for gasoline in sample FDSSC01101 is qualified as estimated, J, due to non-compliant field duplicate precision.

Overall Performance

Overall performance was acceptable. The sample in this SDG required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
FDSSC01101	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

TPH - EXTRACTABLES (DRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for extractable TPH (DRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26938B

A validation was performed on the TPH (DRO) data from SDG 26938B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualification. Miscellaneous fuels were reported in samples FDSSC01001, FDSSC01301, and FDSSC01601. These results were not present on the spreadsheet results but were noted on the Form I equivalent submitted by the laboratory.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
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 SW 846 Methods; 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 # 26938A

A validation was performed on the Metals and Cyanide Data from SDG 26883A. 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
*	•	Post Digestion Spiking

* - 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
Lead	0.25 mg/kg	no impact
Tin	1.90 mg/kg	all soil samples below 9.5 mg/kg
Zinc	0.83 mg/kg	no impact

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Chromium	0.92 ug/l	no impact
Copper	5.3 ug/l	no impact
Mercury	0.16 ug/l	all soil samples below 0.16 mg/kg
Zinc	12.1 ug/l	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 preparation blank exhibited negative bias for the following elements.

Elements	Conc.	Samples affected
Antimony	-0.57 mg/kg	all soil samples below 5.7 mg/kg
Silver	-0.28 mg/kg	all soil samples below 2.8 mg/kg
Zinc	-0.08 mg/kg	no impact

The USEPA requires that the reviewer review and qualify data bias on negative bias. This reviewer qualifies all non-detect and positive results below ten times the absolute value as estimated, "J" or "UJ".

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 below 9.5 mg/kg	Sn.	+	U
all soil samples below 0.16 mg/kg	Hg.		
all soil samples below 5.7 mg/kg	Sb.	+/U	J/UJ
all soil samples below 2.8 mg/kg	Ag.		
All "B" results	all analytes	B	J

DATA ASSESSMENT NARRATIVE

HYDRAZINE

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, calibration data, blank analysis results, and LCS recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the Method N3503; the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26938B

A validation was performed on the Hydrazine data from SDG 26938B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
*	•	Blanks
*	•	LCS Recoveries
	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Field Duplicates

Specific Finding

The field duplicate pair of samples 637SB00501/637CB00501 exhibited a RPD of 160% for the reported results. The reported positive result in the following sample is qualified as estimated, J. (The field duplicate is reported in SDG 26938A)

637SB00501

Overall Performance

Overall performance was acceptable. The reviewer estimates that less than 10% of the data required qualification.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
637SB00501	hydrazine	+	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

HEARTLAND
ENVIRONMENTAL SERVICES, INC.

Data Validation Report

SDG#:	26988B
Date:	October 23, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 17, 1996
Number of Samples:	9 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 III
Method(s) Utilized:	SW846 Third Edition
Analytical Fractions:	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 G. Seafoss
Paul B. Humburg, President

10/31/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26988B

Samples and Fractions Reviewed

Sample Identifications — Analytical Fractions

ENSAFE ID	MATRIX	DRO		GRO	
FDSSC01201	SOIL		X		X
FDSSC01501	SOIL		X		X
FDSSC01701	SOIL		X		X
FDSSC01901	SOIL		X		X
FDSSC02001	SOIL		X		X
FDSSC02101	SOIL		X		X
FDSSC02401	SOIL		X		X
FDSESC2001	SOIL		X		X
FDSDSC2001	SOIL		X		X
Total Billable Samples (Water/Soil)		0	9	0	9

DRO= Diesel Range Organics
GRO= Gasoline Range Organics

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT NARRATIVE
DIESEL RANGE ORGANICS ANALYSIS

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 8015 Method, modified for diesel range organics; 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 # 26988

A validation was performed on the Diesel Range Organics Data from SDG 26988. 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 reviewer estimates that less than 5% of the data required qualifications. Several samples reported a positive result for a miscellaneous fuel on the sample Form 1. These compounds were not reported on the sample spreadsheets. Sample % moistures were not included in the data package.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
GASOLINE ANALYSIS

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 8015 Method, modified for gasoline; 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 # 26988

A validation was performed on the Gasoline Data from SDG 26988. 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. Sample % moistures were not included in the data package.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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#:	26997A
Date:	November 7, 1996
Client Name:	Ensafe/ Allen & Hoshall
Project/Site Name:	Charleston - Zone G
Date Sampled:	September 18, 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:	Dioxin/Furans, Organophosphorus Pesticides, Herbicides, Gasoline Range Organics, Diesel Range Organics, Hexavalent Chromium, 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. Searfoss
for Paul B. Humburg, President

11/12/96
Date

4127 Plaza 94 South · St. Charles, MO 63304
(314) 936-1332 · Fax (314) 936-1335

SDG# 26997A

Samples and Fractions Reviewed

Sample Identifications | Analytical Fractions

ENSAFE ID	MATRIX	D/F		OPP		HERB		GRO		DRO		TAL		HCR	
642CB00101	SOIL		X		X		X						X		X
FDSCC02801	SOIL								X		X				
Total Billable Samples	(Water/Soil)	0	1	0	1	0	1	0	1	0	1	0	1	0	1

D/F= SW846 Dioxin/Furans
OPP= SW846 Organophosphorus Pesticides
HERB= SW846 Herbicides
GRO= Gasoline Range Organics
DRO= Diesel Range Organics
HCR= SW846 Hexavalent Chromium
TAL= SW846 Metals

DATA ASSESSMENT NARRATIVES

DATA ASSESSMENT AND NARRATIVE

Dioxin/Furans

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, matrix spike recoveries, GC/MS performance, tuning results, calibration results and internal standard recoveries. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. EPA SW846, Method 8290; 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 # 26997

A validation was performed on the Dioxin/Furans Data from SDG 26997. The data was evaluated based on the following parameters.

- * Data Completeness
- * Holding Times
- * Mass Resolution Checks
- * Column Performance
- * Calibrations
- * Internal Standard Performance
- Blanks
- * Matrix Spike/Matrix Spike Duplicate
- * Field Duplicates
- * Congener Identification /Quantitation

* - All criteria were met for this parameter

Method Blanks

The method blank exhibited contamination that resulted in qualifications for octa-dioxin, hepta-furan and octa-furan.

Sample ID	Congener ID	Blank Conc. ng/Kg	Sample Conc. ng/Kg	Qualification
642-C-B001-01	OCDD	2.57	103	NA
	1,2,3,4,6,7,8-HpCDF	0.765	1.33	U
	OCDF	2.02	2.11	U

System Performance and Overall Assessment

The overall system performance was acceptable. The laboratory did not encounter any large problems.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = Result is rejected and unusable

D= Result value is based on the 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	CONGENER ID	DL	QL
642-C-B001-01	OCDD	+B	NA
	1,2,3,4,6, 7,8-HpCDF	+B	U
	OCDF	+B	U

* 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 # 26997A

A validation was performed on the Organophosphorus Pesticide Data from SDG 26997A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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

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 # 26997A

A validation was performed on the Herbicide Data from SDG 26997A. 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 did not require qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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

TPH - PURGEABLES (GRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for purgeable TPH (GRO); 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# 26997A

A validation was performed on the TPH (GRO) data from SDG 26997A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Continuing Calibrations

Specific Finding

The continuing standard analyzed 09/23/96 at 1916 exhibited a %D above 15% but less than 50% for the target compound. All positive results reported for the noted sample are qualified as estimated, J.

FDSCC02801 gasoline (15.6%)

Field Duplicates

The field duplicate pair of samples FDSSC02801/FDSCC02801 exhibited positive results for the target compound. The compound was reported above the CRQL in both samples. The RPD for the results was 59%. The field duplicate result was reported in SDG 26799B.

Specific Finding

The positive result reported for gasoline in sample FDSCC02801 is qualified as estimated, J, due to non-compliant field duplicate precision.

Overall Performance

Overall performance was acceptable. The data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
FDSCC02801	gasoline	+	J
FDSCC02801	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

TPH - EXTRACTABLES (DRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for extractable TPH (DRO); 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# 26997A

A validation was performed on the TPH (DRO) data from SDG 26997A. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualification. A miscellaneous fuel (C10-C24) was reported in the sample. This result was not present on the spreadsheet results but was present on the Form I equivalent submitted by the laboratory.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
METALS AND 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 SW 846 Methods; 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 # 26997B

A validation was performed on the Metals and Hexavalent Chromium Data from SDG 26997B. The data was evaluated based on the following parameters for field duplicate sample only.

*	•	Data Completeness
*	•	Holding Times
*	•	Calibrations
	•	Blanks
*	•	Interferences
*	•	Matrix Spike Recovery
*	•	Matrix Duplicates
*	•	Field Duplicates
*	•	Laboratory Control Samples
*	•	Serial Dilutions
*	•	Post Digestion Spiking

* - 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
Lead	0.21 mg/kg	no impact
Tin	1.70 mg/kg	field dup sample only

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Antimony	4.8 ug/l	no impact
Copper	1.2 ug/l	no impact
Sodium	532 ug/l	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".

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 below 8.5 mg/kg	Sn.	+	U
All "B" results	all analytes	B	J

ANNOTATED FORM Is

DATA ASSESSMENT NARRATIVE

TPH - PURGEABLES (GRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for purgeable TPH (GRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26997B

A validation was performed on the TPH (GRO) data from SDG 26997B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Continuing Calibrations

Specific Finding

The continuing standard analyzed 09/23/96 at 1916 exhibited a %D above 15% but less than 50% for the target compound. All positive results reported for the noted samples are qualified as estimated, J.

FDSSC02601	FDSSC02201	gasoline (15.6%)
FDSSC02301	FDSSC02801	
FDSSC02501		

Field Duplicates

The field duplicate pair of samples FDSSC02801/FDSCC02801 exhibited positive results for the target compound. The compound was reported above the CRQL in both samples. The RPD for the results was 59%. The field duplicate result was reported in SDG 26799B.

Specific Finding

The positive result reported for gasoline in sample FDSSC02801 is qualified as estimated, J, due to non-compliant field duplicate precision.

Overall Performance

Overall performance was acceptable. The data required qualifications.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND ID	DL	QL
FDSSC02601	gasoline	+	J
FDSSC02201			
FDSSC02301			
FDSSC02801			
FDSSC02501			
FDSSC02801	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

TPH - EXTRACTABLES (DRO)

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, calibration results, surrogate and matrix spike recoveries, and GC performance. This report was prepared in compliance relative to the analytical and deliverable requirements specified in the U.S. SW-846 Method 8015, modified for extractable TPH (DRO); the National Functional Guidelines for Organic Data Review, where applicable; and EPA DQO Level III requirements. Please refer the specific findings found in each category to the Summary of Data Qualifications table.

SDG# 26997B

A validation was performed on the TPH (DRO) data from SDG 26997B. The data was evaluated based on the following parameters.

*	•	Data Completeness
*	•	Holding Times
*	•	GC Performance
*	•	Calibrations
*	•	Blanks
*	•	Surrogate Recoveries
*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Field Duplicates
*	•	Identification/Quantitation

* - All criteria were met for this parameter.

Overall Performance

Overall performance was acceptable. The data did not require qualification. A miscellaneous fuel was reported in samples FDSSC02801 and FDSSC02901. These results were not present on the spreadsheet results but were present on the Form I equivalent submitted by the laboratory.

GLOSSARY OF DATA QUALIFIERS

QUALIFICATION CODES

U = Not detected

J = Estimated value

UJ = Reported Quantitation limit is qualified as estimated

UR = 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 compound 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 compound 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	COMPOUND 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
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 SW 846 Methods; 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 # 26997

A validation was performed on the Metals Data from SDG 26997. 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
*	•	Post Digestion Spiking

* - 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
Lead	0.21 mg/kg	no impact
Tin	1.70 mg/kg	all soil samples below 8.5 mg/kg

The equipment and Rinsate blanks exhibited contamination for the following elements.

Elements	Conc.	Samples affected
Antimony	4.8 ug/l	all soil samples below 4.8 mg/kg
Copper	1.2 ug/l	all soil samples below 1.2 mg/kg
Sodium	532 ug/l	all soil samples below 532 mg/kg

The USEPA requires that all sample values below five times the preparation, field, DI or calibration blank contamination be qualified as non-detect, "U".

Matrix Spike Recovery

Specific Finding

The Matrix Spike recovery for soils for Mercury was below 30%. All non-detect results are rejected and all positive results are qualified as estimated, "J".

The Matrix Spike recoveries for Arsenic (74%), Antimony (70%), Chromium (74%), Manganese (74%) and Zinc (73%) were below the lower control limits (>30 but <75%). All positive and non-detect results are qualified as estimated, "J" or "UJ".

The Matrix Spike recovery for soils for Copper (270%) was greater than the upper control limits (> 125%). All positive results are qualified as estimated, "J".

Duplicate Analysis

Specific Finding

The Duplicate analyses for Calcium (51%), Copper (80%), Lead (111%), Mercury (129%) and Zinc (102%) were outside the control limits of 35%. All positive results are qualified as estimated, "J". The RPDs for Chromium (22%) and Manganese (29%) were not greater than 35%.

Serial Dilutions

Specific Finding

The serial dilution for Nickel was outside the control limits. 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 below 8.5 mg/kg	Sn.	+	U
all soil samples below 4.8 mg/kg	Sb.		
all soil samples below 1.2 mg/kg	Cu.		
all soil samples below 532 mg/kg	Na.		
all soil samples	Hg.	+	J
		U	R
all soil samples	Sb, As, Cr, Mn and Zn.	+/U	J/UJ
all soil samples	Cu.	+	J
all soil samples	Ca, Cu, Pb, Hg and Zn.	+	J
all soil samples	Ni.	+	J
All "B" results	all analytes	B	J