N00204.AR.002270
NAS PENSACOLA
5090.3a

FINAL REMEDIAL INVESTIGATION REPORT
SITE 41 — OPERABLE UNIT 16 — NAS PENSACOLA WETLANDS

NAVAL AIR STATION
PENSACOLA, FLORIDA

SOUTHNAVFACENGCOM
CONTRACT NUMBER: N62467-89-D-0318

CTO-036

VOLUME IX OF XI
APPENDICES B — H

Prepared for:

Comprehensive Long-Term
Environmental Action Navy
Naval Air Station
Pensacola, Florida

Prepared by:

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August 17, 2005
Revised November 16, 2007

Appendix B

Phase II Sediment and Surface Water Analytical Results

Validation Qualifiers

U **Undetected** — The analyte was analyzed for but not detected, or was also found in an associated blank at a concentration less than 10 times the blank concentration for common organic laboratory contaminants or five times the blank concentration for other target analytes or elements. The associated value shown is the quantitative limit.

J **Estimated Value** — At least one QC parameter was outside control limits.

NJ **Presumptive Identification** — NJ is used for pesticide/PCB analysis when the percent difference exceeds the QC limits by 100% or more. It indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification at an estimated concentration. This qualifier is used for pesticide/PCB validation only.

UJ **Undetected and Estimated** — The analyte was analyzed for, but not detected above the listed estimated quantitation limit; the quantitation limit is estimated because one or more QC parameters were outside control limits.

D **Diluted Result** — The compound was reanalyzed at a secondary dilution factor. If one or more compounds are outside the calibration range during an initial analysis, the laboratory flags the analyte "E." When diluted, the sample results are flagged "D." Generally, values from the initial analysis will be used, except where the value exceeded the calibration range. In this case, the initial analysis value will be substituted by the diluted value to ensure the most representative data. The "D" flag will remain on the value to alert the data user that a secondary dilution value was used.

R/UR **Unusable Data** — One or more QC parameters grossly exceeded control limits.

Sediment Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-0101-01		041-M-0102-01		041-M-0103-01				
	ORIGINAL ID ----->	041M010101		041M010201		041M010301				
	LAB SAMPLE ID --->	960039-09		960039-10		960039-11				
	ID FROM REPORT -->	041M010101		041M010201		041M010301				
	SAMPLE DATE ----->	01/17/96		01/17/96		01/18/96				
	DATE EXTRACTED -->	02/03/96		02/03/96		02/03/96				
	DATE ANALYZED --->	02/05/96		02/05/96		02/05/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	63A401	VAL	63A401	VAL	63A401	VAL			
9999000-58-8	Percent Solids	74.		42.2		76.8				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-0101-01		041-M-0102-01							
	ORIGINAL ID ----->	041M010101		041M010201							
	LAB SAMPLE ID --->	GTX-961-06		GTX-961-07							
	ID FROM REPORT -->	041M010101		041M010201							
	SAMPLE DATE ----->	01/17/96		01/17/96							
	DATE ANALYZED --->	01/24/95		01/24/96							
	MATRIX ---------->	Sediment		Sediment							
	UNITS ---------->	%		%							
CAS #	Parameter	63A401	VAL	63A401	VAL						
9999900-32-7	Seive Size #10	100.	NA	98.	NA						
9999900-32-8	Seive Size #20	100.	NA	91.	NA						
9999900-32-9	Seive Size #40	95.	NA	85.	NA						
9999900-33-1	Seive Size #100	24.	NA	55.	NA						
9999900-33-0	Seive Size #60	56.	NA	67.	NA						
9999900-33-2	Seive Size #200	24.	NA	53.	NA						
9999900-33-3	Seive Size Pan	0.	NA	0.	NA						
9999900-32-5	Seive Size 0.375"	NR		100.	NA						
9999900-32-6	Seive Size #4	NR		99.	NA						
9999900-33-4	Seive Size 1"	NR		NR							
9999900-33-5	Seive Size .75"	NR		NR							
9999900-33-6	Seive Size .5"	NR		NR							

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

METAL												
		SAMPLE ID ------->	001-M-0001-01		041-M-0101-01		041-M-0102-01					
		ORIGINAL ID ----->	01M0101		041M010101		041M010201					
		LAB SAMPLE ID --->	622185		960039-09		960039-10					
		ID FROM REPORT -->	MAC001		041M010101		041M010201					
		SAMPLE DATE ----->	06/29/94		01/17/96		01/17/96					
		DATE EXTRACTED -->			01/21/96		01/21/96					
		DATE ANALYZED --->			01/22/96		01/22/96					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter		93612	VAL	63A401	VAL	63A401	VAL				
7429-90-5	Aluminum		4430.	J	2230.	J	27800.	J				
7440-36-0	Antimony		12.9	U	0.15	UJ	3.1	J				
7440-38-2	Arsenic		1.2	U	2.5		0.44	J				
7440-39-3	Barium		10.9		3.7	J	73.9					
7440-41-7	Beryllium		0.47	U	0.07	U	0.75					
7440-43-9	Cadmium		1.5	U	0.15	U	1.2					
7440-70-2	Calcium		327.	J	552.	J	2390.	J				
7440-47-3	Chromium		7.8		1.5		57.7					
7440-48-4	Cobalt		1.8	U	0.15	U	1.8	J				
7440-50-8	Copper		6.1		1.1	J	22.3					
7439-89-6	Iron		1490.	J	484.		6150.					
7439-92-1	Lead		22.	J	87.3		1.8					
7439-95-4	Magnesium		130.		75.9	J	621.	J				
7439-96-5	Manganese		3.7		4.		17.8					
7439-97-6	Mercury		0.21	U	0.07	J	0.25					
7440-02-0	Nickel		17.1	U	0.8	J	8.					
7440-09-7	Potassium		1090.	U	55.9	J	309.	J				
7782-49-2	Selenium		1.7	U	1.3		0.5	U				
7440-22-4	Silver		1.7	U	0.37	U	0.63	U				
7440-23-5	Sodium		204.		16.	U	97.	J				
7440-28-0	Thallium		1.5	U	0.3	U	0.5	U				
7440-62-2	Vanadium		4.5		2.3	J	35.3					
7440-66-6	Zinc		10.4		2.2		91.					
57-12-5	Cyanide (CN)		1.1	U	0.63	U	1.2	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

PEST

	SAMPLE ID ------->	001-M-0001-01		041-M-0101-01		041-M-0102-01					
	ORIGINAL ID ----->	01M0101		041M010101		041M010201					
	LAB SAMPLE ID --->	622182		960039-09		960039-10					
	ID FROM REPORT -->	01M0101		041M010101		041M010201					
	SAMPLE DATE ----->	06/29/94		01/17/96		01/17/96					
	DATE EXTRACTED -->	07/08/94		01/22/96		01/22/96					
	DATE ANALYZED --->	07/18/94		02/08/96		02/08/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00011	VAL	63A401	VAL	63A401	VAL				
319-84-6	alpha-BHC	3.3	U	0.11	UJ	0.2	UJ				
319-85-7	beta-BHC	3.3	U	0.11	UJ	0.2	UJ				
319-86-8	delta-BHC	3.3	U	0.11	UJ	0.2	UJ				
58-89-9	gamma-BHC (Lindane)	3.3	U	0.11	UJ	0.2	UJ				
76-44-8	Heptachlor	3.3	U	0.11	UJ	0.2	UJ				
309-00-2	Aldrin	3.3	U	0.11	UJ	0.2	UJ				
1024-57-3	Heptachlor epoxide	3.3	U	0.11	UJ	0.2	UJ				
959-98-8	Endosulfan I	3.3	U	0.11	UJ	0.2	UJ				
60-57-1	Dieldrin	3.7	J	0.23	UJ	6.9	J				
72-55-9	4,4'-DDE	5.8	J	0.23	UJ	8.6	J				
72-20-8	Endrin	6.4	U	0.23	UJ	0.41	UJ				
33213-65-9	Endosulfan II	6.4	U	0.23	UJ	0.41	UJ				
72-54-8	4,4'-DDD	3.1	J	0.23	UJ	7.9	J				
1031-07-8	Endosulfan sulfate	6.4	U	0.23	UJ	0.41	UJ				
50-29-3	4,4'-DDT	1.2	J	0.23	UJ	1.1	J				
72-43-5	Methoxychlor	33.	U	1.1	UJ	2.	UJ				
53494-70-5	Endrin ketone	6.4	U	0.23	UJ	0.41	UJ				
7421-93-4	Endrin aldehyde	6.4	U	0.23	UJ	0.41	UJ				
5103-71-9	alpha-Chlordane	3.3	U	0.11	UJ	2.7	J				
5103-74-2	gamma-Chlordane	3.3	U	0.11	UJ	1.9	J				
8001-35-2	Toxaphene	330.	U	23.	UJ	41.	UJ				
12674-11-2	Aroclor-1016	64.	U	2.3	UJ	4.1	UJ				
11104-28-2	Aroclor-1221	130.	U	4.6	UJ	8.1	UJ				
11141-16-5	Aroclor-1232	64.	U	2.3	UJ	4.1	UJ				
53469-21-9	Aroclor-1242	64.	U	2.3	UJ	4.1	UJ				
12672-29-6	Aroclor-1248	64.	U	2.3	UJ	4.1	UJ				
11097-69-1	Aroclor-1254	64.	U	2.3	UJ	4.1	UJ				
11096-82-5	Aroclor-1260	64.	U	2.3	UJ	7.7	J				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

SVOA										
	SAMPLE ID ------->	001-M-0001-01		041-M-0101-01		041-M-0102-01				
	ORIGINAL ID ----->	01M0101		041M010101		041M010201				
	LAB SAMPLE ID --->	622182		960039-09		960039-10				
	ID FROM REPORT -->	01M0101		041M010101		041M010201				
	SAMPLE DATE ----->	06/29/94		01/17/96		01/17/96				
	DATE EXTRACTED -->	07/08/94		01/22/96		01/22/96				
	DATE ANALYZED --->	07/11/94		01/31/96		01/31/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	00011	VAL	63A401	VAL	63A401	VAL			
108-95-2	Phenol	640.	U	450.	U	4000.	U			
111-44-4	bis(2-Chloroethyl)ether	640.	U	45.	U	400.	U			
95-57-8	2-Chlorophenol	640.	U	450.	U	4000.	U			
541-73-1	1,3-Dichlorobenzene	640.	U	450.	U	4000.	U			
106-46-7	1,4-Dichlorobenzene	640.	U	450.	U	4000.	U			
95-50-1	1,2-Dichlorobenzene	640.	U	450.	U	4000.	U			
95-48-7	2-Methylphenol (o-Cresol)	640.	U	450.	U	4000.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	640.	U	450.	U	4000.	U			
106-44-5	4-Methylphenol (p-Cresol)	640.	U	450.	U	4000.	U			
621-64-7	N-Nitroso-di-n-propylamine	640.	U	45.	U	400.	U			
67-72-1	Hexachloroethane	640.	U	450.	U	4000.	U			
98-95-3	Nitrobenzene	640.	U	450.	U	4000.	U			
78-59-1	Isophorone	640.	U	450.	U	4000.	U			
88-75-5	2-Nitrophenol	640.	U	450.	U	4000.	U			
105-67-9	2,4-Dimethylphenol	640.	U	450.	U	4000.	U			
111-91-1	bis(2-Chloroethoxy)methane	640.	U	450.	U	4000.	U			
120-83-2	2,4-Dichlorophenol	640.	U	450.	U	4000.	U			
120-82-1	1,2,4-Trichlorobenzene	640.	U	450.	U	4000.	U			
91-20-3	Naphthalene	640.	U	45.	U	400.	U			
106-47-8	4-Chloroaniline	640.	U	450.	U	4000.	U			
87-68-3	Hexachlorobutadiene	640.	U	450.	U	4000.	U			
59-50-7	4-Chloro-3-methylphenol	640.	U	450.	U	4000.	U			
91-57-6	2-Methylnaphthalene	640.	U	45.	U	400.	U			
77-47-4	Hexachlorocyclopentadiene	640.	U	450.	U	4000.	U			
88-06-2	2,4,6-Trichlorophenol	640.	U	450.	U	4000.	U			
95-95-4	2,4,5-Trichlorophenol	1500.	U	1100.	U	9700.	U			
91-58-7	2-Chloronaphthalene	640.	U	450.	U	4000.	U			
88-74-4	2-Nitroaniline	1500.	U	450.	U	4000.	U			
131-11-3	Dimethylphthalate	640.	U	450.	U	4000.	U			
208-96-8	Acenaphthylene	640.	U	45.	U	400.	U			
606-20-2	2,6-Dinitrotoluene	640.	U	450.	U	4000.	U			
99-09-2	3-Nitroaniline	1500.	U	1100.	U	9700.	U			
83-32-9	Acenaphthene	640.	U	22.	U	190.	U			
51-28-5	2,4-Dinitrophenol	1500.	U	1100.	U	9700.	U			
100-02-7	4-Nitrophenol	1500.	U	1100.	U	9700.	U			
132-64-9	Dibenzofuran	640.	U	450.	U	4000.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	001-M-0001-01		041-M-0101-01		041-M-0102-01					
	ORIGINAL ID ----->	01M0101		041M010101		041M010201					
	LAB SAMPLE ID --->	622182		960039-09		960039-10					
	ID FROM REPORT -->	01M0101		041M010101		041M010201					
	SAMPLE DATE ----->	06/29/94		01/17/96		01/17/96					
	DATE EXTRACTED -->	07/08/94		01/22/96		01/22/96					
	DATE ANALYZED --->	07/11/94		01/31/96		01/31/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00011	VAL	63A401	VAL	63A401	VAL				
121-14-2	2,4-Dinitrotoluene	640.	U	450.	U	4000.	U				
84-66-2	Diethylphthalate	640.	U	450.	U	4000.	U				
7005-72-3	4-Chlorophenylphenyl ether	640.	U	450.	U	4000.	U				
86-73-7	Fluorene	640.	U	22.	U	190.	U				
100-01-6	4-Nitroaniline	1500.	U	1100.	U	9700.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1500.	U	1100.	U	9700.	U				
86-30-6	N-Nitrosodiphenylamine	640.	U	450.	U	4000.	U				
101-55-3	4-Bromophenyl-phenylether	640.	U	450.	U	4000.	U				
118-74-1	Hexachlorobenzene	640.	U	450.	U	4000.	U				
87-86-5	Pentachlorophenol	1500.	U	1100.	U	9700.	U				
85-01-8	Phenanthrene	640.	U	45.	U	400.	U				
120-12-7	Anthracene	640.	U	45.	U	400.	U				
86-74-8	Carbazole	640.	U	450.	U	4000.	U				
84-74-2	Di-n-butylphthalate	640.	U	450.	U	4000.	U				
206-44-0	Fluoranthene	640.	U	45.	U	400.	U				
129-00-0	Pyrene	640.	U	45.	U	400.	U				
85-68-7	Butylbenzylphthalate	640.	U	450.	U	4000.	U				
91-94-1	3,3'-Dichlorobenzidine	640.	U	450.	U	4000.	U				
56-55-3	Benzo(a)anthracene	640.	U	45.	U	400.	U				
218-01-9	Chrysene	640.	U	45.	U	400.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	640.	U	41.	J	260.	J				
117-84-0	Di-n-octylphthalate	640.	U	450.	U	4000.	U				
205-99-2	Benzo(b)fluoranthene	640.	U	45.	U	400.	U				
207-08-9	Benzo(k)fluoranthene	640.	U	45.	U	400.	U				
50-32-8	Benzo(a)pyrene	640.	U	45.	U	400.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	640.	U	45.	U	400.	U				
53-70-3	Dibenz(a,h)anthracene	640.	U	45.	U	400.	U				
191-24-2	Benzo(g,h,i)perylene	640.	U	45.	U	400.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-0101-01	041-M-0102-01				
	ORIGINAL ID ----->	041M010101	041M010201				
	LAB SAMPLE ID --->	960039-09	960039-10				
	ID FROM REPORT -->	041M010101	041M010201				
	SAMPLE DATE ----->	01/17/96	01/17/96				
	DATE EXTRACTED -->	02/14/96	02/14/96				
	DATE ANALYZED --->	02/14/96	02/14/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	MG/KG	MG/KG				
CAS #	Parameter	63A401 VAL	63A401 VAL				
9999900-01-4	Total Organic Carbon (TOC)	36300.	145000.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Sediment Samples

VOA											
	SAMPLE ID ------->	001-M-0001-01		041-M-0101-01 RE		041-M-0102-01 RE					
	ORIGINAL ID ----->	01M0101		041M010101		041M010201					
	LAB SAMPLE ID --->	622182		960039-09		960039-10					
	ID FROM REPORT -->	01M0101		041M010101		041M010201					
	SAMPLE DATE ----->	06/29/94		01/17/96		01/17/96					
	DATE ANALYZED --->	07/07/94		01/21/96		01/21/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00011	VAL	63A401	VAL	63A401	VAL				
74-87-3	Chloromethane	20.	U	14.	U	21.	U				
74-83-9	Bromomethane	20.	U	14.	U	21.	U				
75-01-4	Vinyl chloride	20.	U	4.	U	6.	U				
75-00-3	Chloroethane	20.	U	14.	U	21.	U				
75-09-2	Methylene chloride	120.	U	14.	U	21.	U				
67-64-1	Acetone	14.	U	28.	U	250.					
75-15-0	Carbon disulfide	20.	U	14.	U	21.	U				
75-35-4	1,1-Dichloroethene	20.	U	14.	U	21.	U				
75-34-3	1,1-Dichloroethane	20.	U	14.	U	21.	U				
540-59-0	1,2-Dichloroethene (total)	20.	U	14.	U	21.	U				
67-66-3	Chloroform	20.	U	14.	U	21.	U				
107-06-2	1,2-Dichloroethane	20.	U	14.	U	21.	U				
78-93-3	2-Butanone (MEK)	20.	U	14.	U	110.					
71-55-6	1,1,1-Trichloroethane	20.	U	14.	U	21.	UJ				
56-23-5	Carbon tetrachloride	20.	U	14.	U	21.	UJ				
75-27-4	Bromodichloromethane	20.	U	14.	U	21.	UJ				
78-87-5	1,2-Dichloropropane	20.	U	14.	U	21.	UJ				
10061-01-5	cis-1,3-Dichloropropene	20.	U	14.	U	21.	UJ				
79-01-6	Trichloroethene	20.	U	14.	U	21.	UJ				
124-48-1	Dibromochloromethane	20.	U	14.	U	21.	UJ				
79-00-5	1,1,2-Trichloroethane	20.	U	14.	U	21.	UJ				
71-43-2	Benzene	20.	U	14.	U	21.	UJ				
10061-02-6	trans-1,3-Dichloropropene	20.	U	14.	U	21.	UJ				
75-25-2	Bromoform	20.	U	14.	U	21.	UJ				
108-10-1	4-Methyl-2-Pentanone (MIBK)	20.	U	14.	U	21.	UJ				
591-78-6	2-Hexanone	20.	U	14.	UJ	21.	UJ				
127-18-4	Tetrachloroethene	20.	U	14.	UJ	21.	UJ				
79-34-5	1,1,2,2-Tetrachloroethane	20.	U	14.	UJ	21.	UJ				
108-88-3	Toluene	20.	U	14.	UJ	21.	UJ				
108-90-7	Chlorobenzene	20.	U	14.	UJ	21.	UJ				
100-41-4	Ethylbenzene	20.	U	14.	UJ	21.	UJ				
100-42-5	Styrene	20.	U	14.	UJ	21.	UJ				
1330-20-7	Xylene (Total)	20.	U	14.	UJ	21.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

% SOLID								
	SAMPLE ID ------->	041-M-0103-01		041-M-0104-01				
	ORIGINAL ID ----->	041M010301		041M010401				
	LAB SAMPLE ID --->	960039-11		960039-12				
	ID FROM REPORT -->	041M010301		041M010401				
	SAMPLE DATE ----->	01/18/96		01/17/96				
	DATE EXTRACTED -->	02/03/96		02/03/96				
	DATE ANALYZED --->	02/05/96		02/05/96				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	%		%				
CAS #	Parameter	63A401	VAL	63A401	VAL			
9999000-58-8	Percent Solids	76.8		61.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

GRAIN SIZE									
	SAMPLE ID ------->	041-M-0103-01		041-M-0104-01					
	ORIGINAL ID ----->	041M010301		041M010401					
	LAB SAMPLE ID --->	GTX-961-08		GTX-961-09					
	ID FROM REPORT -->	041M010301		041M010401					
	SAMPLE DATE ----->	01/18/96		01/17/96					
	DATE ANALYZED --->	01/24/96		01/24/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	%		%					
CAS #	Parameter	63A401	VAL	63A401	VAL				
9999900-32-7	Seive Size #10	99.	SP	100.	NA				
9999900-32-8	Seive Size #20	98.	SP	100.	NA				
9999900-32-9	Seive Size #40	81.	SP	92.	NA				
9999900-33-1	Seive Size #100	6.	SP	24.	NA				
9999900-33-0	Seive Size #60	26.	SP	48.	NA				
9999900-33-2	Seive Size #200	3.	SP	18.	NA				
9999900-33-3	Seive Size Pan	0.	SP	0.	NA				
9999900-32-5	Seive Size 0.375"	NR		NR					
9999900-32-6	Seive Size #4	100.	SP	NR					
9999900-33-4	Seive Size 1"	NR		NR					
9999900-33-5	Seive Size .75"	NR		NR					
9999900-33-6	Seive Size .5"	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

METAL											
		SAMPLE ID ------->	041-M-0103-01		041-M-0104-01						
		ORIGINAL ID ----->	041M010301		041M010401						
		LAB SAMPLE ID --->	960039-11		960039-12						
		ID FROM REPORT -->	041M010301		041M010401						
		SAMPLE DATE ----->	01/18/96		01/17/96						
		DATE EXTRACTED -->	01/21/96		01/21/96						
		DATE ANALYZED --->	01/22/96		01/22/96						
		MATRIX ---------->	Sediment		Sediment						
		UNITS ---------->	MG/KG		MG/KG						
CAS #	Parameter		63A401	VAL	63A401	VAL					
7429-90-5	Aluminum		1510.	J	4290.	J					
7440-36-0	Antimony		0.14	UJ	0.47	J					
7440-38-2	Arsenic		0.4	J	2.5						
7440-39-3	Barium		5.9	J	17.7						
7440-41-7	Beryllium		0.07	U	0.11	J					
7440-43-9	Cadmium		0.53		2.						
7440-70-2	Calcium		921.	J	1080.	J					
7440-47-3	Chromium		9.8		27.3						
7440-48-4	Cobalt		0.4	J	0.99	J					
7440-50-8	Copper		18.3		31.8						
7439-89-6	Iron		1770.		2930.						
7439-92-1	Lead		48.8		153.						
7439-95-4	Magnesium		144.	J	250.	J					
7439-96-5	Manganese		10.4		11.3						
7439-97-6	Mercury		0.17		0.2						
7440-02-0	Nickel		3.9		7.5						
7440-09-7	Potassium		28.	J	65.3	J					
7782-49-2	Selenium		0.27	U	0.35	U					
7440-22-4	Silver		0.34	U	0.43	U					
7440-23-5	Sodium		17.5	U	33.	J					
7440-28-0	Thallium		0.27	U	0.35	U					
7440-62-2	Vanadium		2.5	J	10.3						
7440-66-6	Zinc		69.1		294.						
57-12-5	Cyanide (CN)		0.62	U	0.79	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

PEST

	SAMPLE ID ------->	041-M-0103-01		041-M-0104-01				
	ORIGINAL ID ----->	041M010301		041M010401				
	LAB SAMPLE ID --->	960039-11		960039-12				
	ID FROM REPORT -->	041M010301		041M010401				
	SAMPLE DATE ----->	01/18/96		01/17/96				
	DATE EXTRACTED -->	01/22/96		01/22/96				
	DATE ANALYZED --->	02/09/96		02/09/96				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	63A401	VAL	63A401	VAL			
319-84-6	alpha-BHC	0.11	UJ	0.14	UR			
319-85-7	beta-BHC	0.11	UJ	0.14	UR			
319-86-8	delta-BHC	0.11	UJ	0.14	UR			
58-89-9	gamma-BHC (Lindane)	0.11	UJ	0.14	UR			
76-44-8	Heptachlor	0.11	UJ	0.14	UR			
309-00-2	Aldrin	0.11	UJ	0.14	UR			
1024-57-3	Heptachlor epoxide	0.11	UJ	0.14	UR			
959-98-8	Endosulfan I	0.11	UJ	0.14	UR			
60-57-1	Dieldrin	0.21	UJ	0.27	UR			
72-55-9	4,4'-DDE	0.48	J	4.5	DJ			
72-20-8	Endrin	0.21	UJ	0.27	UR			
33213-65-9	Endosulfan II	0.21	UJ	0.27	UR			
72-54-8	4,4'-DDD	5.	DJ	25.	DJ			
1031-07-8	Endosulfan sulfate	0.45	J	1.6	J			
50-29-3	4,4'-DDT	1.4	J	10.	DJ			
72-43-5	Methoxychlor	1.1	UJ	6.6	J			
53494-70-5	Endrin ketone	0.21	UJ	0.27	UR			
7421-93-4	Endrin aldehyde	1.5	J	0.27	UR			
5103-71-9	alpha-Chlordane	1.1	J	6.2	DJ			
5103-74-2	gamma-Chlordane	3.3	DJ	9.5	DJ			
8001-35-2	Toxaphene	22.	UJ	28.	UR			
12674-11-2	Aroclor-1016	2.1	UJ	2.7	UR			
11104-28-2	Aroclor-1221	4.2	UJ	5.5	UR			
11141-16-5	Aroclor-1232	2.1	UJ	2.7	UR			
53469-21-9	Aroclor-1242	2.1	UJ	2.7	UR			
12672-29-6	Aroclor-1248	2.1	UJ	2.7	UR			
11097-69-1	Aroclor-1254	2.1	UJ	2.7	UR			
11096-82-5	Aroclor-1260	110.	DJ	140.	DJ			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-0103-01		041-M-0104-01				
		ORIGINAL ID ----->	041M010301		041M010401				
		LAB SAMPLE ID --->	960039-11		960039-12				
		ID FROM REPORT -->	041M010301		041M010401				
		SAMPLE DATE ----->	01/18/96		01/17/96				
		DATE EXTRACTED -->	01/22/96		01/22/96				
		DATE ANALYZED --->	01/31/96		01/31/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		63A401	VAL	63A401	VAL			
108-95-2	Phenol		4200.	U	11000.	U			
111-44-4	bis(2-Chloroethyl)ether		420.	U	1100.	U			
95-57-8	2-Chlorophenol		4200.	U	11000.	U			
541-73-1	1,3-Dichlorobenzene		4200.	U	11000.	U			
106-46-7	1,4-Dichlorobenzene		4200.	U	11000.	U			
95-50-1	1,2-Dichlorobenzene		4200.	U	11000.	U			
95-48-7	2-Methylphenol (o-Cresol)		4200.	U	11000.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		4200.	U	11000.	U			
106-44-5	4-Methylphenol (p-Cresol)		4200.	U	11000.	U			
621-64-7	N-Nitroso-di-n-propylamine		420.	U	1100.	U			
67-72-1	Hexachloroethane		4200.	U	11000.	U			
98-95-3	Nitrobenzene		4200.	U	11000.	U			
78-59-1	Isophorone		4200.	U	11000.	U			
88-75-5	2-Nitrophenol		4200.	U	11000.	U			
105-67-9	2,4-Dimethylphenol		4200.	U	11000.	U			
111-91-1	bis(2-Chloroethoxy)methane		4200.	U	11000.	U			
120-83-2	2,4-Dichlorophenol		4200.	U	11000.	U			
120-82-1	1,2,4-Trichlorobenzene		4200.	U	11000.	U			
91-20-3	Naphthalene		420.	U	1100.	U			
106-47-8	4-Chloroaniline		4200.	U	11000.	U			
87-68-3	Hexachlorobutadiene		4200.	U	11000.	U			
59-50-7	4-Chloro-3-methylphenol		4200.	U	11000.	U			
91-57-6	2-Methylnaphthalene		420.	U	1100.	U			
77-47-4	Hexachlorocyclopentadiene		4200.	U	11000.	U			
88-06-2	2,4,6-Trichlorophenol		4200.	U	11000.	U			
95-95-4	2,4,5-Trichlorophenol		10000.	U	27000.	U			
91-58-7	2-Chloronaphthalene		4200.	U	11000.	U			
88-74-4	2-Nitroaniline		4200.	U	11000.	U			
131-11-3	Dimethylphthalate		4200.	U	11000.	U			
208-96-8	Acenaphthylene		420.	U	1100.	U			
606-20-2	2,6-Dinitrotoluene		4200.	U	11000.	U			
99-09-2	3-Nitroaniline		10000.	U	27000.	U			
83-32-9	Acenaphthene		200.	U	530.	U			
51-28-5	2,4-Dinitrophenol		10000.	U	27000.	U			
100-02-7	4-Nitrophenol		10000.	U	27000.	U			
132-64-9	Dibenzofuran		4200.	U	11000.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

SVOA

	SAMPLE ID ------->	041-M-0103-01		041-M-0104-01			
	ORIGINAL ID ----->	041M010301		041M010401			
	LAB SAMPLE ID --->	960039-11		960039-12			
	ID FROM REPORT -->	041M010301		041M010401			
	SAMPLE DATE ----->	01/18/96		01/17/96			
	DATE EXTRACTED -->	01/22/96		01/22/96			
	DATE ANALYZED --->	01/31/96		01/31/96			
	MATRIX ---------->	Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	63A401	VAL	63A401	VAL		
121-14-2	2,4-Dinitrotoluene	4200.	U	11000.	U		
84-66-2	Diethylphthalate	4200.	U	11000.	U		
7005-72-3	4-Chlorophenylphenyl ether	4200.	U	11000.	U		
86-73-7	Fluorene	200.	U	530.	U		
100-01-6	4-Nitroaniline	10000.	U	27000.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	10000.	U	27000.	U		
86-30-6	N-Nitrosodiphenylamine	4200.	U	11000.	U		
101-55-3	4-Bromophenyl-phenylether	4200.	U	11000.	U		
118-74-1	Hexachlorobenzene	4200.	U	11000.	U		
87-86-5	Pentachlorophenol	10000.	U	27000.	U		
85-01-8	Phenanthrene	420.	J	4000.			
120-12-7	Anthracene	420.	U	990.	J		
86-74-8	Carbazole	4200.	U	880.	J		
84-74-2	Di-n-butylphthalate	4200.	U	11000.	U		
206-44-0	Fluoranthene	1200.		7200.			
129-00-0	Pyrene	930.		6200.			
85-68-7	Butylbenzylphthalate	4200.	U	11000.	U		
91-94-1	3,3'-Dichlorobenzidine	4200.	U	11000.	U		
56-55-3	Benzo(a)anthracene	420.	J	3800.			
218-01-9	Chrysene	530.		4200.			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	680.	J	3500.	J		
117-84-0	Di-n-octylphthalate	4200.	U	11000.	U		
205-99-2	Benzo(b)fluoranthene	600.		5400.			
207-08-9	Benzo(k)fluoranthene	220.	J	1700.			
50-32-8	Benzo(a)pyrene	480.		4300.			
193-39-5	Indeno(1,2,3-cd)pyrene	220.	J	2000.			
53-70-3	Dibenz(a,h)anthracene	420.	U	1100.	U		
191-24-2	Benzo(g,h,i)perylene	250.	J	1900.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-0103-01		041-M-0104-01				
	ORIGINAL ID ----->	041M010301		041M010401				
	LAB SAMPLE ID --->	960039-11		960039-12				
	ID FROM REPORT -->	041M010301		041M010401				
	SAMPLE DATE ----->	01/18/96		01/17/96				
	DATE EXTRACTED -->	02/14/96		02/14/96				
	DATE ANALYZED --->	02/14/96		02/14/96				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	63A401	VAL	63A401	VAL			
9999900-01-4	Total Organic Carbon (TOC)	5320.		30600.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Sediment Samples

VOA									
		SAMPLE ID ------->	041-M-0103-01		041-M-0104-01				
		ORIGINAL ID ----->	041M010301		041M010401				
		LAB SAMPLE ID --->	960039-11		960039-12				
		ID FROM REPORT -->	041M010301		041M010401				
		SAMPLE DATE ----->	01/18/96		01/17/96				
		DATE ANALYZED --->	01/21/96		01/21/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		63A401	VAL	63A401	VAL			
74-87-3	Chloromethane		13.	U	14.	U			
74-83-9	Bromomethane		13.	U	14.	U			
75-01-4	Vinyl chloride		4.	U	4.	U			
75-00-3	Chloroethane		13.	U	14.	U			
75-09-2	Methylene chloride		13.	U	14.	U			
67-64-1	Acetone		72.	U	53.	U			
75-15-0	Carbon disulfide		13.	U	14.	U			
75-35-4	1,1-Dichloroethene		13.	U	14.	U			
75-34-3	1,1-Dichloroethane		13.	U	14.	U			
540-59-0	1,2-Dichloroethene (total)		13.	U	14.	U			
67-66-3	Chloroform		13.	U	14.	U			
107-06-2	1,2-Dichloroethane		13.	U	14.	U			
78-93-3	2-Butanone (MEK)		13.	U	14.	U			
71-55-6	1,1,1-Trichloroethane		13.	U	14.	U			
56-23-5	Carbon tetrachloride		13.	U	14.	U			
75-27-4	Bromodichloromethane		13.	U	14.	U			
78-87-5	1,2-Dichloropropane		13.	U	14.	U			
10061-01-5	cis-1,3-Dichloropropene		13.	U	14.	U			
79-01-6	Trichloroethene		13.	U	14.	U			
124-48-1	Dibromochloromethane		13.	U	14.	U			
79-00-5	1,1,2-Trichloroethane		13.	U	14.	U			
71-43-2	Benzene		13.	U	14.	U			
10061-02-6	trans-1,3-Dichloropropene		13.	U	14.	U			
75-25-2	Bromoform		13.	U	14.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		13.	U	14.	U			
591-78-6	2-Hexanone		13.	UJ	14.	U			
127-18-4	Tetrachloroethene		13.	UJ	14.	U			
79-34-5	1,1,2,2-Tetrachloroethane		13.	UJ	14.	U			
108-88-3	Toluene		13.	UJ	14.	U			
108-90-7	Chlorobenzene		13.	UJ	14.	U			
100-41-4	Ethylbenzene		13.	UJ	14.	U			
100-42-5	Styrene		13.	UJ	14.	U			
1330-20-7	Xylene (Total)		13.	UJ	14.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-0301-01		041-M-0302-01		041-M-0303-01		041-M-0304-01		041-M-0304-01		041-M-0305-01	
	ORIGINAL ID ----->	041M030101		041M030201		041M030301		041M030401		041M030401		041M030501	
	LAB SAMPLE ID --->	950998-15		950998-16		951012-01		951012-02		960182-19		951012-03	
	ID FROM REPORT -->	041M030101		041M030201		041M030301		041M030401		041M030401		041M030501	
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95		12/04/95		12/04/95	
	DATE EXTRACTED -->	01/13/96		01/13/96		01/14/96		01/14/96		03/22/96		01/14/96	
	DATE ANALYZED --->	01/14/96		01/14/96		01/15/96		01/15/96		04/11/96		01/15/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL	Z13601	VAL	030301	VAL
9999000-58-8	Percent Solids	76.8		9.6		32.6		78.4		88.1		94.8	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-0305-01		041-M-0306-01		041-M-0307-01				
	ORIGINAL ID ----->	041M030501		041M030601		041M030701				
	LAB SAMPLE ID --->	960182-20		951012-04		951012-05				
	ID FROM REPORT -->	041M030501		041M030601		041M030701				
	SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95				
	DATE EXTRACTED -->	03/22/96		01/14/96		01/14/96				
	DATE ANALYZED --->	04/11/96		01/15/96		01/15/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	Z13601	VAL	030301	VAL	030301	VAL			
9999000-58-8	Percent Solids	17.9		63.4		17.3				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

GRAIN SIZE													
	SAMPLE ID ------->	041-M-0301-01		041-M-0302-01		041-M-0303-01		041-M-0304-01		041-M-0304-01		041-M-0305-01	
	ORIGINAL ID ----->	041M030101		041M030201		041M030301		041M030401		041M030401		041M030501	
	LAB SAMPLE ID --->	GTX-935-01		GTX-935-02		GTX-936-01		GTX-936-02		GTX-1021-19		GTX-936-03	
	ID FROM REPORT -->	041M030101		041M030201		041M030301		041M030401		041M030401		041M030501	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	12/07/95		12/07/95		12/11/95		12/11/95		04/19/96		12/11/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL	Z13601	VAL	030301	VAL
9999900-32-7	Seive Size #10	91.	NA	100.	NA	100.	NA	100.	NA	100.	SP	100.	NA
9999900-32-8	Seive Size #20	89.	NA	100.	NA	99.	NA	99.	NA	99.	SP	71.	NA
9999900-32-9	Seive Size #40	79.	NA	94.	NA	71.	NA	70.	NA	80.	SP	54.	NA
9999900-33-1	Seive Size #100	19.	NA	84.	NA	13.	NA	5.	NA	3.	SP	38.	NA
9999900-33-0	Seive Size #60	45.	NA	89.	NA	23.	NA	12.	NA	17.	SP	45.	NA
9999900-33-2	Seive Size #200	8.	NA	83.	NA	12.	NA	5.	NA	2.	SP	31.	NA
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	NA	0.	SP	0.	NA
9999900-32-5	Seive Size 0.375"	100.	NA	NR		NR		NR		NR		NR	
9999900-32-6	Seive Size #4	94.	NA	NR		NR		NR		NR		NR	
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-0305-01		041-M-0306-01		041-M-0307-01		RA8-M-0003-01			
	ORIGINAL ID ----->	041M030501		041M030601		041M030701		RA8M000301			
	LAB SAMPLE ID --->	GTX-1021-20		GTX-936-04		GTX-936-05		GTX-962-03			
	ID FROM REPORT -->	041M030501		041M030601		041M030701		RA8M000301			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	04/19/96		12/11/95		12/11/95		01/24/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	Z13601	VAL	030301	VAL	030301	VAL	M00901	VAL		
9999900-32-7	Seive Size #10	100.	NA	100.	NA	79.	NA	100.	SP		
9999900-32-8	Seive Size #20	94.	NA	99.	NA	51.	NA	99.	SP		
9999900-32-9	Seive Size #40	80.	NA	68.	NA	41.	NA	82.	SP		
9999900-33-1	Seive Size #100	62.	NA	6.	NA	27.	NA	2.	SP		
9999900-33-0	Seive Size #60	70.	NA	16.	NA	33.	NA	27.	SP		
9999900-33-2	Seive Size #200	56.	NA	5.	NA	22.	NA	2.	SP		
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	SP		
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR			
9999900-32-6	Seive Size #4	NR		NR		100.	NA	NR			
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

HF METALS									
	SAMPLE ID ------->	041-M-0304-01		041-M-0305-01					
	ORIGINAL ID ----->	041M030401		041M030501					
	LAB SAMPLE ID --->	960182-19		960182-20					
	ID FROM REPORT -->	041M030401		041M030501					
	SAMPLE DATE ----->	12/04/95		12/04/95					
	DATE EXTRACTED -->	03/22/96		03/22/96					
	DATE ANALYZED --->	04/11/96		04/11/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	Z13601	VAL	Z13601	VAL				
7429-90-5	Aluminum	706.		5210.					
7440-36-0	Antimony	12.4	J	44.	J				
7440-38-2	Arsenic	0.28	UJ	15.4	J				
7440-39-3	Barium	4.5	U	102.	J				
7440-41-7	Beryllium	0.14	U	0.65	U				
7440-43-9	Cadmium	0.28	UJ	1.3	UJ				
7440-70-2	Calcium	383.	J	6440.					
7440-47-3	Chromium	1.7	J	15.8	J				
7440-48-4	Cobalt	1.	U	1.3	U				
7440-50-8	Copper	1.4	J	18.8	J				
7439-89-6	Iron	3820.		338000.					
7439-92-1	Lead	1.8	UJ	14.3	UJ				
7439-95-4	Magnesium	33.8	U	270.	U				
7439-96-5	Manganese	6.2		253.					
7440-02-0	Nickel	1.3	UJ	5.8	UJ				
7440-09-7	Potassium	47.2	J	292.	J				
7782-49-2	Selenium	3.3	J	4.4	UJ				
7440-22-4	Silver	0.71	UR	10.5	J				
7440-23-5	Sodium	40.2	J	212.	U				
7440-28-0	Thallium	0.57	UR	2.6	UR				
7440-62-2	Vanadium	2.2	J	22.6	J				
7440-66-6	Zinc	4.2	J	14.4	J				
7439-97-6	Mercury	0.03	UR	0.13	UR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	001-M-0003-01		001-M-0003-02		001-M-0003-03		041-M-0301-01		041-M-0302-01		041-M-0303-01	
	ORIGINAL ID ----->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
	LAB SAMPLE ID --->	621852		621860		621862		950998-15		950998-16		951012-01	
	ID FROM REPORT -->	MAC002		MAC003		MAC004		041M030101		041M030201		041M030301	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
	DATE EXTRACTED -->							01/13/96		01/13/96		01/14/96	
	DATE ANALYZED --->							01/14/96		01/14/96		01/15/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	93612	VAL	93612	VAL	93612	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
7429-90-5	Aluminum	2540.	J	809.	J	1530.	J	3590.	J	7780.	J	1570.	
7440-36-0	Antimony	8.7	U	8.8	U	8.	U	0.13	UJ	2.4	J	0.44	J
7440-38-2	Arsenic	1.6	J	1.6	J	0.74	UJ	1.8		12.8		35.5	
7440-39-3	Barium	8.5		5.2		1.6		7.4	J	31.7	J	16.4	J
7440-41-7	Beryllium	0.32	U	0.32	U	0.29	U	0.07	U	0.53	U	0.16	U
7440-43-9	Cadmium	2.2		0.99	U	0.9	U	0.52	J	5.8	J	2.9	
7440-70-2	Calcium	1030.	J	355.	J	395.	J	31800.		7490.		2410.	
7440-47-3	Chromium	16.9		2.4		1.6		4.5		20.8		7.3	
7440-48-4	Cobalt	1.2	U	1.2	U	1.1	U	0.2	U	2.5	J	0.47	U
7440-50-8	Copper	6.2		3.1	U	2.8	U	2.2	J	17.8		4.6	
7439-89-6	Iron	13200.	J	15800.	J	1940.	J	11400.	J	21200.	J	68000.	
7439-92-1	Lead	36.3	J	5.5	J	7.2	J	12.6	J	101.	J	11.5	
7439-95-4	Magnesium	98.		39.9	U	40.4		429.	J	312.	J	77.4	J
7439-96-5	Manganese	35.1		6.6		2.3		54.5	J	66.1	J	39.4	J
7439-97-6	Mercury	0.14	U	0.15	U	0.13	U	0.06	U	0.47	U	0.15	U
7440-02-0	Nickel	11.5	U	11.6	U	10.5	U	0.79	U	6.4	U	1.9	U
7440-09-7	Potassium	738.	U	742.	U	673.	U	31.7	J	94.4	J	47.4	J
7782-49-2	Selenium	1.1	U	1.1	U	1.	U	0.2	UJ	2.	J	1.8	
7440-22-4	Silver	1.2	U	1.2	U	1.1	U	0.26	UJ	2.1	UJ	0.63	UJ
7440-23-5	Sodium	96.6	U	94.6	U	98.	U	207.	J	76.	J	26.8	J
7440-28-0	Thallium	1.	U	1.	U	0.95	U	0.2	UJ	1.6	UJ	0.47	U
7440-62-2	Vanadium	4.4		2.2		2.5		6.7	J	21.1	J	6.3	J
7440-66-6	Zinc	15.8		6.		4.		6.4	J	32.4	J	3.4	
57-12-5	Cyanide (CN)	0.72	U	0.73	U	0.66	U	0.64	U	5.2	U	1.4	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

METAL													
		SAMPLE ID ------->	041-M-0304-01		041-M-0305-01		041-M-0306-01		041-M-0307-01				
		ORIGINAL ID ----->	041M030401		041M030501		041M030601		041M030701				
		LAB SAMPLE ID --->	951012-02		951012-03		951012-04		951012-05				
		ID FROM REPORT -->	041M030401		041M030501		041M030601		041M030701				
		SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95		12/04/95				
		DATE EXTRACTED -->	01/14/96		01/14/96		01/14/96		01/14/96				
		DATE ANALYZED --->	01/15/96		01/15/96		01/15/96		01/15/96				
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG				
CAS #	Parameter		030301	VAL	030301	VAL	030301	VAL	030301	VAL			
7429-90-5	Aluminum		426.		546.		788.		25600.				
7440-36-0	Antimony		0.13	UJ	0.23	J	0.15	U	0.62	UJ			
7440-38-2	Arsenic		0.56	J	3.5		2.2		27.1				
7440-39-3	Barium		2.5	J	15.4		5.2	J	438.				
7440-41-7	Beryllium		0.06	U	0.05	U	0.08	U	1.6	U			
7440-43-9	Cadmium		0.19	U	2.		1.8		72.7				
7440-70-2	Calcium		380.		850.		350.	J	28200.				
7440-47-3	Chromium		1.5		5.3		4.9		196.				
7440-48-4	Cobalt		0.19	U	0.16	U	0.23	U	4.7	U			
7440-50-8	Copper		0.86	U	1.9	U	1.7	U	68.8				
7439-89-6	Iron		3660.		61100.		18000.		386000.				
7439-92-1	Lead		2.9		2.4		8.		18.7				
7439-95-4	Magnesium		23.2	J	27.6	J	27.5	J	1420.	J			
7439-96-5	Manganese		3.3	J	37.7	J	5.7	J	1270.	J			
7439-97-6	Mercury		0.06	U	0.05	U	0.06	U	0.24	U			
7440-02-0	Nickel		0.78	J	0.65	U	0.91	U	18.6	U			
7440-09-7	Potassium		10.9	J	13.5	J	14.8	J	468.	J			
7782-49-2	Selenium		0.19	U	0.16	U	0.44	J	0.93	U			
7440-22-4	Silver		0.26	UJ	0.22	UJ	0.3	UJ	6.2	UJ			
7440-23-5	Sodium		2.5	U	7.9	J	4.5	J	291.	J			
7440-28-0	Thallium		0.19	U	0.16	U	0.23	U	0.93	U			
7440-62-2	Vanadium		1.2	J	4.8		3.2	J	160.				
7440-66-6	Zinc		1.7		1.2		6.3		297.				
57-12-5	Cyanide (CN)		0.6	U	1.5		0.77	U	5.1	J			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

PEST															
		SAMPLE ID ------->	001-M-0003-01		001-M-0003-02		001-M-0003-03		041-M-0301-01		041-M-0302-01		041-M-0303-01		
		ORIGINAL ID ----->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301		
		LAB SAMPLE ID --->	621841		621859		621861 D50		950998-15		950998-16		951012-01		
		ID FROM REPORT -->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301		
		SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95		
		DATE EXTRACTED -->	07/08/94		07/08/94		07/08/94		12/05/95		12/05/95		12/07/95		
		DATE ANALYZED --->	07/18/94		07/19/94		07/18/94		01/17/96		01/16/96		01/14/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		00011	VAL	00011	VAL	00011	VAL	EM0040	VAL	EM0040	VAL	030301	VAL	
319-84-6	alpha-BHC		2.4	U	2.5	U	11.	U	0.2	UJ	0.74	UJ	0.45	J	
319-85-7	beta-BHC		2.4	U	2.5	U	11.	U	0.2	U	0.74	U	0.7	J	
319-86-8	delta-BHC		2.4	U	2.5	U	11.	U	0.25	J	0.74	UJ	0.022	UJ	
58-89-9	gamma-BHC (Lindane)		2.4	U	2.5	U	11.	U	0.2	U	0.74	U	0.022	UJ	
76-44-8	Heptachlor		2.4	U	2.5	U	11.	U	0.2	U	0.74	U	0.022	UJ	
309-00-2	Aldrin		2.4	U	2.5	U	11.	U	0.2	U	1.	J	0.7	J	
1024-57-3	Heptachlor epoxide		2.4	U	2.5	U	11.	U	0.2	U	0.74	U	0.022	UJ	
959-98-8	Endosulfan I		2.4	U	2.5	U	11.	U	0.4	U	1.5	U	0.022	UJ	
60-57-1	Dieldrin		4.7	U	4.8	U	22.	U	0.4	U	6.	J	0.45	UJ	
72-55-9	4,4'-DDE		3.4	J	2.5	J	120.	J	21.	DJ	1.5	U	0.84	J	
72-20-8	Endrin		0.53	J	4.8	U	22.	U	0.98	J	1.5	U	1.8	J	
33213-65-9	Endosulfan II		4.7	U	4.8	U	22.	U	0.4	U	1.5	U	0.45	UJ	
72-54-8	4,4'-DDD		19.		6.2		400.	J	14.	DJ	31.	D	1.3	J	
1031-07-8	Endosulfan sulfate		4.7	U	4.8	U	22.	U	0.4	U	1.5	J	0.45	UJ	
50-29-3	4,4'-DDT		9.9		1.3	J	220.		7.5	DJ	1.4	J	0.48	J	
72-43-5	Methoxychlor		24.	U	25.	U	110.	U	2.	U	7.4	U	2.2	UJ	
53494-70-5	Endrin ketone		4.7	U	4.8	U	22.	U	0.4	U	1.5	U	0.45	UJ	
7421-93-4	Endrin aldehyde		4.7	U	4.8	U	22.	U	0.4	U	1.5	U	0.45	UJ	
5103-71-9	alpha-Chlordane		0.56	J	0.51	J	2.2	J	0.68	J	0.79	J	0.022	UJ	
5103-74-2	gamma-Chlordane		2.4	U	2.5	U	11.	U	0.2	U	1.7	J	0.022	UJ	
8001-35-2	Toxaphene		240.	U	250.	U	1100.	U	20.	U	74.	U	45.	UJ	
12674-11-2	Aroclor-1016		47.	U	48.	U	220.	U	4.	U	15.	U	4.5	UJ	
11104-28-2	Aroclor-1221		96.	U	97.	U	440.	U	7.8	U	30.	U	8.7	UJ	
11141-16-5	Aroclor-1232		47.	U	48.	U	220.	U	4.	U	15.	U	4.5	UJ	
53469-21-9	Aroclor-1242		47.	U	48.	U	220.	U	4.	U	15.	U	4.5	UJ	
12672-29-6	Aroclor-1248		47.	U	48.	U	220.	U	4.	U	15.	U	4.5	UJ	
11097-69-1	Aroclor-1254		47.	U	48.	U	220.	U	4.	U	15.	U	4.5	UJ	
11096-82-5	Aroclor-1260		47.	U	48.	U	220.	U	4.	U	350.	DJ	4.5	UJ	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

PEST											
		SAMPLE ID ------->	041-M-0304-01		041-M-0305-01		041-M-0306-01		041-M-0307-01		
		ORIGINAL ID ----->	041M030401		041M030501		041M030601		041M030701		
		LAB SAMPLE ID --->	951012-02		951012-03		951012-04		951012-05		
		ID FROM REPORT -->	041M030401		041M030501		041M030601		041M030701		
		SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95		12/04/95		
		DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95		
		DATE ANALYZED --->	01/14/96		01/14/96		01/15/96		01/14/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		030301	VAL	030301	VAL	030301	VAL	030301	VAL		
319-84-6	alpha-BHC		0.012	UJ	1.2	J	0.19	J	0.044	UJ		
319-85-7	beta-BHC		0.012	U	0.053	U	0.013	U	0.044	U		
319-86-8	delta-BHC		0.18	J	0.053	UJ	0.013	UJ	0.044	UJ		
58-89-9	gamma-BHC (Lindane)		0.012	U	0.053	U	0.013	U	0.044	U		
76-44-8	Heptachlor		0.012	U	0.053	U	0.013	U	0.044	U		
309-00-2	Aldrin		0.23	J	0.053	U	0.013	U	0.044	U		
1024-57-3	Heptachlor epoxide		0.012	U	0.053	U	0.013	U	0.044	U		
959-98-8	Endosulfan I		0.012	U	0.053	U	0.013	U	0.044	U		
60-57-1	Dieldrin		0.24	U	1.1	U	0.25	U	0.88	U		
72-55-9	4,4'-DDE		0.9		1.1	U	2.5	J	0.88	U		
72-20-8	Endrin		0.24	U	1.3	J	0.25	U	0.88	U		
33213-65-9	Endosulfan II		0.24	U	1.1	U	0.25	U	0.88	U		
72-54-8	4,4'-DDD		1.6	J	3.5	J	7.7	D	6.8	J		
1031-07-8	Endosulfan sulfate		0.24	U	1.1	U	0.25	U	1.7	J		
50-29-3	4,4'-DDT		0.32	J	1.1	U	1.9	J	0.94	J		
72-43-5	Methoxychlor		1.2	U	5.3	U	1.3	U	4.4	U		
53494-70-5	Endrin ketone		0.24	U	1.4	J	0.25	U	0.88	U		
7421-93-4	Endrin aldehyde		0.24	U	1.1	U	0.25	U	0.88	U		
5103-71-9	alpha-Chlordane		0.17	J	0.053	U	0.69	J	0.45	J		
5103-74-2	gamma-Chlordane		0.11		0.053	U	0.54		0.044	U		
8001-35-2	Toxaphene		24.	U	110.	U	25.	U	88.	U		
12674-11-2	Aroclor-1016		2.4	U	11.	U	2.5	U	8.8	U		
11104-28-2	Aroclor-1221		4.6	U	20.	U	4.9	U	17.	U		
11141-16-5	Aroclor-1232		2.4	U	11.	U	2.5	U	8.8	U		
53469-21-9	Aroclor-1242		2.4	U	11.	U	2.5	U	8.8	U		
12672-29-6	Aroclor-1248		2.4	U	11.	U	2.5	U	8.8	U		
11097-69-1	Aroclor-1254		2.4	U	11.	U	2.5	U	8.8	U		
11096-82-5	Aroclor-1260		2.4	U	11.	U	2.5	U	8.8	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	001-M-0003-01		001-M-0003-02		001-M-0003-03		041-M-0301-01		041-M-0302-01		041-M-0303-01	
	ORIGINAL ID ----->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
	LAB SAMPLE ID --->	621841		621859		621861		950998-15		950998-16		951012-01	
	ID FROM REPORT -->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
	DATE EXTRACTED -->	07/08/94		07/08/94		07/08/94		12/05/95		12/05/95		12/07/95	
	DATE ANALYZED --->	07/11/94		07/11/94		07/11/94		12/22/95		12/20/95		01/04/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00011	VAL	00011	VAL	00011	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
108-95-2	Phenol	55.	J	480.	U	430.	U	400.	U	3000.	U	870.	U
111-44-4	bis(2-Chloroethyl)ether	470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
95-57-8	2-Chlorophenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
541-73-1	1,3-Dichlorobenzene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
106-46-7	1,4-Dichlorobenzene	470.	U	480.	U	430.	U	400.	U	1400.	J	1400.	
95-50-1	1,2-Dichlorobenzene	470.	U	480.	U	430.	U	400.	U	410.	J	870.	U
95-48-7	2-Methylphenol (o-Cresol)	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
106-44-5	4-Methylphenol (p-Cresol)	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
621-64-7	N-Nitroso-di-n-propylamine	470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
67-72-1	Hexachloroethane	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
98-95-3	Nitrobenzene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
78-59-1	Isophorone	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
88-75-5	2-Nitrophenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
105-67-9	2,4-Dimethylphenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
111-91-1	bis(2-Chloroethoxy)methane	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
120-83-2	2,4-Dichlorophenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
120-82-1	1,2,4-Trichlorobenzene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
91-20-3	Naphthalene	470.	U	480.	U	430.	U	40.	U	300.	U	160.	
106-47-8	4-Chloroaniline	470.	U	480.	U	430.	U	400.	UR	3000.	UR	870.	UR
87-68-3	Hexachlorobutadiene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
59-50-7	4-Chloro-3-methylphenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
91-57-6	2-Methylnaphthalene	470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
77-47-4	Hexachlorocyclopentadiene	470.	U	480.	U	430.	U	400.	UJ	3000.	UJ	870.	U
88-06-2	2,4,6-Trichlorophenol	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
95-95-4	2,4,5-Trichlorophenol	1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
91-58-7	2-Chloronaphthalene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
88-74-4	2-Nitroaniline	1100.	U	1200.	U	1000.	U	400.	U	3000.	U	870.	U
131-11-3	Dimethylphthalate	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
208-96-8	Acenaphthylene	470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
606-20-2	2,6-Dinitrotoluene	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
99-09-2	3-Nitroaniline	1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
83-32-9	Acenaphthene	470.	U	480.	U	430.	U	19.	U	140.	U	98.	
51-28-5	2,4-Dinitrophenol	1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
100-02-7	4-Nitrophenol	1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
132-64-9	Dibenzofuran	470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

SVOA													
		SAMPLE ID ------->	001-M-0003-01		001-M-0003-02		001-M-0003-03		041-M-0301-01		041-M-0302-01		041-M-0303-01	
		ORIGINAL ID ----->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
		LAB SAMPLE ID --->	621841		621859		621861		950998-15		950998-16		951012-01	
		ID FROM REPORT -->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
		SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
		DATE EXTRACTED -->	07/08/94		07/08/94		07/08/94		12/05/95		12/05/95		12/07/95	
		DATE ANALYZED --->	07/11/94		07/11/94		07/11/94		12/22/95		12/20/95		01/04/96	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		00011	VAL	00011	VAL	00011	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
121-14-2	2,4-Dinitrotoluene		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
84-66-2	Diethylphthalate		470.	U	480.	U	430.	U	400.	U	3000.	U	47.	J
7005-72-3	4-Chlorophenylphenyl ether		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
86-73-7	Fluorene		470.	U	480.	U	430.	U	19.	U	140.	U	95.	
100-01-6	4-Nitroaniline		1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
86-30-6	N-Nitrosodiphenylamine		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
101-55-3	4-Bromophenyl-phenylether		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
118-74-1	Hexachlorobenzene		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
87-86-5	Pentachlorophenol		1100.	U	1200.	U	1000.	U	960.	U	7200.	U	2100.	U
85-01-8	Phenanthrene		470.	U	480.	U	430.	U	24.	J	300.	U	87.	U
120-12-7	Anthracene		470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
86-74-8	Carbazole		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
84-74-2	Di-n-butylphthalate		470.	U	480.	U	430.	U	36.	J	3000.	U	77.	J
206-44-0	Fluoranthene		470.	U	480.	U	430.	U	46.		300.	U	87.	U
129-00-0	Pyrene		470.	U	480.	U	430.	U	43.		300.	U	87.	U
85-68-7	Butylbenzylphthalate		180.	U	54.	U	430.	U	23.	J	3000.	U	870.	U
91-94-1	3,3'-Dichlorobenzidine		470.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
56-55-3	Benzo(a)anthracene		470.	U	480.	U	430.	U	23.	J	300.	U	87.	U
218-01-9	Chrysene		470.	U	480.	U	430.	U	32.	J	300.	U	87.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		380.	U	480.	U	430.	U	400.	U	3000.	U	870.	U
117-84-0	Di-n-octylphthalate		470.	U	480.	U	430.	U	400.	U	3000.	U	45.	J
205-99-2	Benzo(b)fluoranthene		470.	U	480.	U	430.	U	85.		300.	U	87.	U
207-08-9	Benzo(k)fluoranthene		470.	U	480.	U	430.	U	27.	J	300.	U	87.	U
50-32-8	Benzo(a)pyrene		470.	U	480.	U	430.	U	48.		300.	U	87.	U
193-39-5	Indeno(1,2,3-cd)pyrene		470.	U	480.	U	430.	U	31.	J	300.	U	87.	U
53-70-3	Dibenz(a,h)anthracene		470.	U	480.	U	430.	U	40.	U	300.	U	87.	U
191-24-2	Benzo(g,h,i)perylene		470.	U	480.	U	430.	U	46.		300.	U	87.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-0304-01		041-M-0305-01		041-M-0306-01		041-M-0307-01			
	ORIGINAL ID ----->	041M030401		041M030501		041M030601		041M030701			
	LAB SAMPLE ID --->	951012-02		951012-03		951012-04		951012-05			
	ID FROM REPORT -->	041M030401		041M030501		041M030601		041M030701			
	SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95		12/04/95			
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95			
	DATE ANALYZED --->	12/30/95		12/28/95		12/28/95		12/28/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL		
108-95-2	Phenol	460.	U	2100.	U	480.	U	1700.	U		
111-44-4	bis(2-Chloroethyl)ether	46.	U	210.	U	48.	U	170.	U		
95-57-8	2-Chlorophenol	460.	U	2100.	U	480.	U	1700.	U		
541-73-1	1,3-Dichlorobenzene	460.	U	2100.	U	480.	U	1700.	U		
106-46-7	1,4-Dichlorobenzene	160.	J	2100.	U	58.	J	1700.	U		
95-50-1	1,2-Dichlorobenzene	460.	U	2100.	U	480.	U	1700.	U		
95-48-7	2-Methylphenol (o-Cresol)	460.	U	2100.	U	480.	U	1700.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	460.	U	2100.	U	480.	U	1700.	U		
106-44-5	4-Methylphenol (p-Cresol)	460.	U	2100.	U	480.	U	1700.	U		
621-64-7	N-Nitroso-di-n-propylamine	46.	U	210.	U	48.	U	170.	U		
67-72-1	Hexachloroethane	460.	U	2100.	U	480.	U	1700.	U		
98-95-3	Nitrobenzene	460.	U	2100.	U	480.	U	1700.	U		
78-59-1	Isophorone	460.	U	2100.	U	480.	U	1700.	U		
88-75-5	2-Nitrophenol	460.	U	2100.	U	480.	U	1700.	U		
105-67-9	2,4-Dimethylphenol	460.	U	2100.	U	480.	U	1700.	U		
111-91-1	bis(2-Chloroethoxy)methane	460.	U	2100.	U	480.	U	1700.	U		
120-83-2	2,4-Dichlorophenol	460.	U	2100.	U	480.	U	1700.	U		
120-82-1	1,2,4-Trichlorobenzene	460.	U	2100.	U	480.	U	1700.	U		
91-20-3	Naphthalene	46.	U	210.	U	48.	U	170.	U		
106-47-8	4-Chloroaniline	460.	U	2100.	U	480.	U	1700.	U		
87-68-3	Hexachlorobutadiene	460.	U	2100.	U	480.	U	1700.	U		
59-50-7	4-Chloro-3-methylphenol	460.	U	2100.	U	480.	U	1700.	U		
91-57-6	2-Methylnaphthalene	46.	U	210.	U	48.	U	170.	U		
77-47-4	Hexachlorocyclopentadiene	460.	U	2100.	U	480.	U	1700.	U		
88-06-2	2,4,6-Trichlorophenol	460.	U	2100.	U	480.	U	1700.	U		
95-95-4	2,4,5-Trichlorophenol	1100.	U	5000.	U	1200.	U	4200.	U		
91-58-7	2-Chloronaphthalene	460.	U	2100.	U	480.	U	1700.	U		
88-74-4	2-Nitroaniline	460.	U	2100.	U	480.	U	1700.	U		
131-11-3	Dimethylphthalate	460.	U	2100.	U	480.	U	1700.	U		
208-96-8	Acenaphthylene	46.	U	210.	U	48.	U	170.	U		
606-20-2	2,6-Dinitrotoluene	460.	U	2100.	U	480.	U	1700.	U		
99-09-2	3-Nitroaniline	1100.	U	5000.	U	1200.	U	4200.	U		
83-32-9	Acenaphthene	23.	U	100.	U	23.	U	83.	U		
51-28-5	2,4-Dinitrophenol	1100.	UJ	5000.	UJ	1200.	U	4200.	U		
100-02-7	4-Nitrophenol	1100.	U	5000.	UJ	1200.	U	4200.	U		
132-64-9	Dibenzofuran	460.	U	2100.	U	480.	U	1700.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-0304-01		041-M-0305-01		041-M-0306-01		041-M-0307-01			
	ORIGINAL ID ----->	041M030401		041M030501		041M030601		041M030701			
	LAB SAMPLE ID --->	951012-02		951012-03		951012-04		951012-05			
	ID FROM REPORT -->	041M030401		041M030501		041M030601		041M030701			
	SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95		12/04/95			
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95			
	DATE ANALYZED --->	12/30/95		12/28/95		12/28/95		12/28/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL		
121-14-2	2,4-Dinitrotoluene	460.	U	2100.	U	480.	U	1700.	U		
84-66-2	Diethylphthalate	460.	U	2100.	U	480.	U	1700.	U		
7005-72-3	4-Chlorophenylphenyl ether	460.	U	2100.	U	480.	U	1700.	U		
86-73-7	Fluorene	23.	U	100.	U	23.	U	83.	U		
100-01-6	4-Nitroaniline	1100.	U	5000.	UJ	1200.	U	4200.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	5000.	U	1200.	U	4200.	U		
86-30-6	N-Nitrosodiphenylamine	460.	U	2100.	U	480.	U	1700.	U		
101-55-3	4-Bromophenyl-phenylether	460.	U	2100.	U	480.	U	1700.	U		
118-74-1	Hexachlorobenzene	460.	U	2100.	U	480.	U	1700.	U		
87-86-5	Pentachlorophenol	1100.	U	5000.	U	1200.	U	4200.	U		
85-01-8	Phenanthrene	46.	U	210.	U	48.	U	170.	U		
120-12-7	Anthracene	46.	U	210.	U	48.	U	170.	U		
86-74-8	Carbazole	460.	U	2100.	UJ	480.	UJ	1700.	UJ		
84-74-2	Di-n-butylphthalate	460.	U	2100.	U	480.	U	1700.	U		
206-44-0	Fluoranthene	46.	U	210.	U	48.	U	170.	U		
129-00-0	Pyrene	46.	U	210.	U	48.	U	170.	U		
85-68-7	Butylbenzylphthalate	460.	U	2100.	U	480.	U	1700.	U		
91-94-1	3,3'-Dichlorobenzidine	460.	U	2100.	U	480.	U	1700.	U		
56-55-3	Benzo(a)anthracene	46.	U	210.	U	48.	U	170.	U		
218-01-9	Chrysene	46.	U	210.	U	48.	U	170.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	76.	J	210.	J	88.	J	270.	J		
117-84-0	Di-n-octylphthalate	460.	U	2100.	U	45.	J	1700.	U		
205-99-2	Benzo(b)fluoranthene	46.	U	210.	U	48.	U	170.	U		
207-08-9	Benzo(k)fluoranthene	46.	U	210.	U	48.	U	170.	U		
50-32-8	Benzo(a)pyrene	46.	U	210.	U	48.	U	180.			
193-39-5	Indeno(1,2,3-cd)pyrene	46.	U	210.	U	48.	U	170.	U		
53-70-3	Dibenz(a,h)anthracene	46.	U	210.	U	48.	U	170.	U		
191-24-2	Benzo(g,h,i)perylene	46.	U	210.	U	48.	U	170.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

TOC													
	SAMPLE ID ------->	041-M-0301-01		041-M-0302-01		041-M-0303-01		041-M-0304-01		041-M-0305-01		041-M-0306-01	
	ORIGINAL ID ----->	041M030101		041M030201		041M030301		041M030401		041M030501		041M030601	
	LAB SAMPLE ID --->	950998-15		950998-16		951012-01		951012-02		951012-03		951012-04	
	ID FROM REPORT -->	041M030101		041M030201		041M030301		041M030401		041M030501		041M030601	
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95		12/04/95		12/04/95	
	DATE EXTRACTED -->	12/27/96		12/26/96		12/28/96		12/28/96		12/28/96		12/29/96	
	DATE ANALYZED --->	12/27/96		12/26/96		12/28/96		12/28/96		12/28/96		12/29/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
9999900-01-4	Total Organic Carbon (TOC)	8150.		241000.		51800.		4780.		10800.		6720.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-0307-01					
	ORIGINAL ID ----->	041M030701					
	LAB SAMPLE ID --->	951012-05					
	ID FROM REPORT -->	041M030701					
	SAMPLE DATE ----->	12/04/95					
	DATE EXTRACTED -->	12/29/96					
	DATE ANALYZED --->	12/29/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	030301 VAL					
9999900-01-4	Total Organic Carbon (TOC)	73900.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	001-M-0003-01		001-M-0003-02		001-M-0003-03		041-M-0301-01		041-M-0302-01		041-M-0303-01	
	ORIGINAL ID ----->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
	LAB SAMPLE ID --->	621841		621859		621861		950998-15		950998-16		951012-01	
	ID FROM REPORT -->	01M0301		01M0302		01M0303		041M030101		041M030201		041M030301	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
	DATE ANALYZED --->	07/06/94		07/06/94		07/06/94		12/03/95		12/03/95		12/06/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	00011	VAL	00011	VAL	00011	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
74-87-3	Chloromethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
74-83-9	Bromomethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-01-4	Vinyl chloride	14.	U	14.	U	13.	U	4.	U	13.	U	30.	U
75-00-3	Chloroethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-09-2	Methylene chloride	8.	U	26.	U	9.	U	14.	U	42.	U	100.	U
67-64-1	Acetone	14.	U	53.	U	28.	U	27.	U	130.	U	240.	U
75-15-0	Carbon disulfide	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-35-4	1,1-Dichloroethene	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-34-3	1,1-Dichloroethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
540-59-0	1,2-Dichloroethene (total)	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
67-66-3	Chloroform	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
107-06-2	1,2-Dichloroethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
78-93-3	2-Butanone (MEK)	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
71-55-6	1,1,1-Trichloroethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
56-23-5	Carbon tetrachloride	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-27-4	Bromodichloromethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
78-87-5	1,2-Dichloropropane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
79-01-6	Trichloroethene	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
124-48-1	Dibromochloromethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
79-00-5	1,1,2-Trichloroethane	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
71-43-2	Benzene	14.	U	14.	U	13.	U	14.	U	34.	J	18.	J
10061-02-6	trans-1,3-Dichloropropene	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
75-25-2	Bromoform	14.	U	14.	U	13.	U	14.	U	42.	U	100.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
591-78-6	2-Hexanone	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
127-18-4	Tetrachloroethene	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
108-88-3	Toluene	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
108-90-7	Chlorobenzene	14.	U	14.	U	13.	U	2.	J	410.	J	620.	
100-41-4	Ethylbenzene	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
100-42-5	Styrene	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U
1330-20-7	Xylene (Total)	14.	U	14.	U	13.	U	14.	U	42.	UJ	100.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Sediment Samples

VOA											
	SAMPLE ID ------->	041-M-0304-01		041-M-0305-01		041-M-0306-01		041-M-0307-01			
	ORIGINAL ID ----->	041M030401		041M030501		041M030601		041M030701			
	LAB SAMPLE ID --->	951012-02		951012-03		951012-04		951012-05			
	ID FROM REPORT -->	041M030401		041M030501		041M030601		041M030701			
	SAMPLE DATE ----->	12/04/95		12/04/95		12/04/95		12/04/95			
	DATE ANALYZED --->	12/06/95		12/06/95		12/05/95		12/07/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL		
74-87-3	Chloromethane	20.	U	200.	U	14.	U	56.	U		
74-83-9	Bromomethane	20.	U	200.	U	14.	U	56.	U		
75-01-4	Vinyl chloride	6.	U	60.	U	4.	U	17.	U		
75-00-3	Chloroethane	20.	U	200.	U	14.	U	56.	U		
75-09-2	Methylene chloride	20.	U	200.	U	34.	U	61.	U		
67-64-1	Acetone	39.	U	1600.	U	120.	U	1100.	J		
75-15-0	Carbon disulfide	20.	U	200.	U	14.	U	56.	U		
75-35-4	1,1-Dichloroethene	20.	U	200.	U	14.	U	56.	U		
75-34-3	1,1-Dichloroethane	20.	U	200.	U	14.	U	56.	U		
540-59-0	1,2-Dichloroethene (total)	20.	U	200.	U	14.	U	56.	U		
67-66-3	Chloroform	20.	U	200.	U	14.	U	56.	U		
107-06-2	1,2-Dichloroethane	20.	U	200.	U	14.	U	56.	U		
78-93-3	2-Butanone (MEK)	20.	U	200.	U	14.	U	180.			
71-55-6	1,1,1-Trichloroethane	20.	U	200.	U	14.	U	56.	U		
56-23-5	Carbon tetrachloride	20.	U	200.	U	14.	U	56.	U		
75-27-4	Bromodichloromethane	20.	U	200.	U	14.	U	56.	U		
78-87-5	1,2-Dichloropropane	20.	U	200.	U	14.	U	56.	U		
10061-01-5	cis-1,3-Dichloropropene	20.	U	200.	U	14.	U	56.	U		
79-01-6	Trichloroethene	20.	U	200.	U	14.	U	56.	U		
124-48-1	Dibromochloromethane	20.	U	200.	U	14.	U	56.	U		
79-00-5	1,1,2-Trichloroethane	20.	U	200.	U	14.	U	56.	U		
71-43-2	Benzene	20.	U	200.	U	14.	U	56.	U		
10061-02-6	trans-1,3-Dichloropropene	20.	U	200.	U	14.	U	56.	U		
75-25-2	Bromoform	20.	U	200.	U	14.	U	56.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	20.	U	200.	U	14.	U	56.	U		
591-78-6	2-Hexanone	20.	U	200.	U	14.	U	56.	U		
127-18-4	Tetrachloroethene	20.	U	200.	U	14.	U	56.	U		
79-34-5	1,1,2,2-Tetrachloroethane	20.	U	200.	U	14.	U	56.	U		
108-88-3	Toluene	20.	U	200.	U	14.	U	2.	J		
108-90-7	Chlorobenzene	29.		200.	U	4.	J	29.	J		
100-41-4	Ethylbenzene	20.	U	200.	U	14.	U	56.	U		
100-42-5	Styrene	20.	U	200.	U	14.	U	56.	U		
1330-20-7	Xylene (Total)	20.	U	200.	U	14.	U	56.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

% SOLID													
		SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01
		ORIGINAL ID ----->	041M04D101		041M04D201		041M04D201		041M04D301		041M04D401		041M04D501
		LAB SAMPLE ID --->	951012-09		951012-10		960182-18		951012-11		951012-12		951012-13
		ID FROM REPORT -->	041M04D101		041M04D201		041M04D201		041M04D301		041M04D401		041M04D501
		SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95		12/05/95
		DATE EXTRACTED -->	01/14/96		01/14/96		03/22/96		01/14/96		01/14/96		01/14/96
		DATE ANALYZED --->	01/15/96		01/15/96		04/11/96		01/15/96		01/15/96		01/15/96
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment
		UNITS ---------->	%		%		%		%		%		%
CAS #	Parameter		030301	VAL	030301	VAL	Z13601	VAL	030301	VAL	030301	VAL	030301	VAL
9999000-58-8	Percent Solids		38.1		26.1		30.8		83.6		27.5		85.4

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID ------->	041-M-04D2-01
ORIGINAL ID ----->	041M04D201
LAB SAMPLE ID --->	GTX-1021-18
ID FROM REPORT -->	041M04D201
SAMPLE DATE ----->	
DATE ANALYZED --->	04/19/96
MATRIX ---------->	Sediment
UNITS ----------->	%

CAS #	Parameter	Z13601	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	99.	NA
9999900-32-9	Seive Size #40	97.	NA
9999900-33-1	Seive Size #100	64.	NA
9999900-33-0	Seive Size #60	86.	NA
9999900-33-2	Seive Size #200	60.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	100.	NA
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

HF METALS

SAMPLE ID ------->	041-M-04D2-01
ORIGINAL ID ----->	041M04D201
LAB SAMPLE ID --->	960182-18
ID FROM REPORT -->	041M04D201
SAMPLE DATE ----->	12/05/95
DATE EXTRACTED -->	03/22/96
DATE ANALYZED --->	04/11/96
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	Z13601	VAL
7429-90-5	Aluminum	33400.	
7440-36-0	Antimony	18.2	UR
7440-38-2	Arsenic	20.4	J
7440-39-3	Barium	59.	J
7440-41-7	Beryllium	0.81	J
7440-43-9	Cadmium	1.	UJ
7440-70-2	Calcium	3460.	
7440-47-3	Chromium	85.1	
7440-48-4	Cobalt	5.8	U
7440-50-8	Copper	53.	J
7439-89-6	Iron	47500.	
7439-92-1	Lead	350.	J
7439-95-4	Magnesium	5170.	
7439-96-5	Manganese	90.2	
7440-02-0	Nickel	12.8	J
7440-09-7	Potassium	3150.	
7782-49-2	Selenium	4.6	J
7440-22-4	Silver	2.	UR
7440-23-5	Sodium	10800.	
7440-28-0	Thallium	1.6	UR
7440-62-2	Vanadium	59.1	
7440-66-6	Zinc	112.	
7439-97-6	Mercury	0.12	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
	ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
	ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	DATE EXTRACTED -->	01/14/96		01/14/96		01/14/96		01/14/96		01/14/96	
	DATE ANALYZED --->	01/15/96		01/15/96		01/15/96		01/15/96		01/15/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
7429-90-5	Aluminum	11600.		14700.		390.		10000.		561.	
7440-36-0	Antimony	0.27	U	0.95	J	0.12	U	0.38	U	0.12	U
7440-38-2	Arsenic	12.		20.		0.49	J	11.		0.51	J
7440-39-3	Barium	6.4	J	9.	J	0.34	J	8.	J	0.58	J
7440-41-7	Beryllium	0.37	J	0.55	J	0.06	U	0.43	J	0.06	U
7440-43-9	Cadmium	3.5		3.7		0.26	J	2.8		0.18	U
7440-70-2	Calcium	2090.		4510.		188.	J	2120.		26.3	J
7440-47-3	Chromium	70.2		65.5		1.3		43.5		0.74	
7440-48-4	Cobalt	1.1	J	2.1	J	0.18	U	1.6	J	0.18	U
7440-50-8	Copper	21.3		45.8		2.6		27.		0.49	J
7439-89-6	Iron	31500.		39400.		840.		21800.		671.	
7439-92-1	Lead	190.		348.		10.9		162.		0.73	
7439-95-4	Magnesium	2790.		4590.		181.	J	2580.		19.6	J
7439-96-5	Manganese	60.9	J	69.3	J	2.	J	50.6	J	27.9	J
7439-97-6	Mercury	0.12	J	0.15	U	0.05	U	0.16	J	0.05	U
7440-02-0	Nickel	6.1		6.7	J	0.72	U	6.1	J	0.74	U
7440-09-7	Potassium	873.		1530.		55.	J	771.	J	18.4	J
7782-49-2	Selenium	1.5	J	1.8	J	0.18	U	2.3	J	0.18	U
7440-22-4	Silver	0.55	UJ	0.77	UJ	0.24	UJ	0.77	UJ	0.25	UJ
7440-23-5	Sodium	4730.		11800.		677.		4280.		2.5	J
7440-28-0	Thallium	0.41	U	0.58	U	0.18	U	0.58	U	0.18	U
7440-62-2	Vanadium	25.		38.7		0.9	J	21.6		1.3	J
7440-66-6	Zinc	70.6		102.		3.6		77.5		1.4	
57-12-5	Cyanide (CN)	1.2	U	1.9	U	0.59	U	1.8	U	0.57	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
	ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
	ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95		12/07/95	
	DATE ANALYZED --->	01/15/96		01/15/96		01/15/96		01/15/96		01/14/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
319-84-6	alpha-BHC	0.46	J	0.034	UJ	0.94	J	0.039	UJ	0.011	UJ
319-85-7	beta-BHC	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
319-86-8	delta-BHC	16.	DJ	3.	J	0.11	J	10.	DJ	0.011	UJ
58-89-9	gamma-BHC (Lindane)	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
76-44-8	Heptachlor	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
309-00-2	Aldrin	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
1024-57-3	Heptachlor epoxide	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
959-98-8	Endosulfan I	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
60-57-1	Dieldrin	0.78	J	0.68	UJ	0.21	U	1.1	J	0.21	U
72-55-9	4,4'-DDE	46.	DJ	29.	DJ	0.72	J	65.	DJ	0.32	
72-20-8	Endrin	0.48	UJ	0.68	UJ	0.21	U	0.77	U	0.21	U
33213-65-9	Endosulfan II	0.48	UJ	0.68	UJ	0.21	U	0.77	U	0.21	U
72-54-8	4,4'-DDD	33.	DJ	15.	DJ	0.21	U	110.	D	0.21	U
1031-07-8	Endosulfan sulfate	0.63	J	0.68	UJ	0.21	U	0.77	U	0.21	U
50-29-3	4,4'-DDT	2.9	J	2.2	J	1.5	J	3.9	J	0.21	U
72-43-5	Methoxychlor	2.4	UJ	3.4	UJ	1.	U	3.9	U	1.1	U
53494-70-5	Endrin ketone	0.48	UJ	0.68	UJ	0.21	U	0.77	U	0.21	U
7421-93-4	Endrin aldehyde	0.48	UJ	0.68	UJ	0.21	U	0.77	U	0.21	U
5103-71-9	alpha-Chlordane	1.5	J	1.	J	0.01	U	1.4	J	0.011	U
5103-74-2	gamma-Chlordane	0.024	UJ	0.034	UJ	0.01	U	0.039	U	0.011	U
8001-35-2	Toxaphene	48.	UJ	68.	UJ	21.	U	77.	U	21.	U
12674-11-2	Aroclor-1016	4.8	UJ	6.8	UJ	2.1	U	7.7	U	2.1	U
11104-28-2	Aroclor-1221	9.4	UJ	13.	UJ	4.	U	15.	U	4.1	U
11141-16-5	Aroclor-1232	4.8	UJ	6.8	UJ	2.1	U	7.7	U	2.1	U
53469-21-9	Aroclor-1242	4.8	UJ	6.8	UJ	2.1	U	7.7	U	2.1	U
12672-29-6	Aroclor-1248	4.8	UJ	6.8	UJ	2.1	U	7.7	U	0.62	J
11097-69-1	Aroclor-1254	4.8	UJ	42.	J	2.1	U	7.7	U	1.7	J
11096-82-5	Aroclor-1260	50.	J	6.8	UJ	2.1	U	7.7	U	2.1	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
	ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
	ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95		12/07/95	
	DATE ANALYZED --->	12/28/95		12/28/95		12/28/95		01/20/96		12/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
108-95-2	Phenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
111-44-4	bis(2-Chloroethyl)ether	94.	U	130.	U	40.	U	1300.	UJ	41.	U
95-57-8	2-Chlorophenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
541-73-1	1,3-Dichlorobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
106-46-7	1,4-Dichlorobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
95-50-1	1,2-Dichlorobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
95-48-7	2-Methylphenol (o-Cresol)	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
106-44-5	4-Methylphenol (p-Cresol)	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
621-64-7	N-Nitroso-di-n-propylamine	94.	U	130.	U	40.	U	1300.	UJ	41.	U
67-72-1	Hexachloroethane	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
98-95-3	Nitrobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
78-59-1	Isophorone	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
88-75-5	2-Nitrophenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
105-67-9	2,4-Dimethylphenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
111-91-1	bis(2-Chloroethoxy)methane	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
120-83-2	2,4-Dichlorophenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
120-82-1	1,2,4-Trichlorobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
91-20-3	Naphthalene	94.	U	130.	U	40.	U	1300.	UJ	41.	U
106-47-8	4-Chloroaniline	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
87-68-3	Hexachlorobutadiene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
59-50-7	4-Chloro-3-methylphenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
91-57-6	2-Methylnaphthalene	94.	U	130.	U	40.	U	1300.	UJ	41.	U
77-47-4	Hexachlorocyclopentadiene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
88-06-2	2,4,6-Trichlorophenol	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
95-95-4	2,4,5-Trichlorophenol	2300.	U	3200.	U	970.	U	31000.	UJ	990.	U
91-58-7	2-Chloronaphthalene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
88-74-4	2-Nitroaniline	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
131-11-3	Dimethylphthalate	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
208-96-8	Acenaphthylene	94.	U	130.	U	40.	U	1300.	UJ	41.	U
606-20-2	2,6-Dinitrotoluene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
99-09-2	3-Nitroaniline	2300.	U	3200.	U	970.	U	31000.	UJ	990.	U
83-32-9	Acenaphthene	46.	U	64.	U	19.	U	620.	UJ	20.	U
51-28-5	2,4-Dinitrophenol	2300.	U	3200.	UJ	970.	UJ	31000.	UJ	990.	UJ
100-02-7	4-Nitrophenol	2300.	U	3200.	UJ	970.	UJ	31000.	UJ	990.	UJ
132-64-9	Dibenzofuran	940.	U	1300.	U	400.	U	13000.	UJ	410.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
	ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
	ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
	SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
	DATE EXTRACTED -->	12/07/95		12/07/95		12/07/95		12/07/95		12/07/95	
	DATE ANALYZED --->	12/28/95		12/28/95		12/28/95		01/20/96		12/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
121-14-2	2,4-Dinitrotoluene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
84-66-2	Diethylphthalate	940.	U	1300.	U	400.	U	71000.	J	410.	U
7005-72-3	4-Chlorophenylphenyl ether	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
86-73-7	Fluorene	46.	U	64.	U	19.	U	620.	UJ	20.	U
100-01-6	4-Nitroaniline	2300.	U	3200.	UJ	970.	UJ	31000.	UJ	990.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	2300.	U	3200.	U	970.	U	31000.	UJ	990.	U
86-30-6	N-Nitrosodiphenylamine	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
101-55-3	4-Bromophenyl-phenylether	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
118-74-1	Hexachlorobenzene	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
87-86-5	Pentachlorophenol	2300.	U	3200.	U	970.	U	31000.	UJ	990.	U
85-01-8	Phenanthrene	53.	J	80.	J	38.	J	1300.	UJ	41.	U
120-12-7	Anthracene	94.	U	130.	U	40.	U	1300.	UJ	41.	U
86-74-8	Carbazole	66.	J	1300.	UJ	400.	UJ	13000.	UJ	410.	UJ
84-74-2	Di-n-butylphthalate	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
206-44-0	Fluoranthene	280.		310.		110.		1300.	UJ	41.	U
129-00-0	Pyrene	260.		410.		130.		1300.	UJ	41.	U
85-68-7	Butylbenzylphthalate	81.	J	68.	J	400.	U	13000.	UJ	410.	U
91-94-1	3,3'-Dichlorobenzidine	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
56-55-3	Benzo(a)anthracene	130.		250.		88.		1300.	UJ	41.	U
218-01-9	Chrysene	150.		240.		120.		1300.	UJ	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	170.	J	240.	J	61.	J	13000.	UJ	64.	J
117-84-0	Di-n-octylphthalate	940.	U	1300.	U	400.	U	13000.	UJ	410.	U
205-99-2	Benzo(b)fluoranthene	240.		380.		160.		1300.	UJ	41.	U
207-08-9	Benzo(k)fluoranthene	140.		230.		100.		1300.	UJ	41.	U
50-32-8	Benzo(a)pyrene	190.		310.		120.		1300.	UJ	41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	150.		240.		77.		1300.	UJ	41.	U
53-70-3	Dibenz(a,h)anthracene	94.	U	130.	U	40.	U	1300.	UJ	41.	U
191-24-2	Benzo(g,h,i)perylene	290.		390.		130.		1300.	UJ	41.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

TOC											
		SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
		ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
		LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
		ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
		SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
		DATE EXTRACTED -->	12/29/96		12/29/96		12/29/96		12/29/96		12/29/96	
		DATE ANALYZED --->	12/29/96		12/29/96		12/29/96		12/29/96		12/29/96	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
9999900-01-4	Total Organic Carbon (TOC)		33000.		45100.		2040.		70000.		1540.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-04D1-01		041-M-04D2-01		041-M-04D3-01		041-M-04D4-01		041-M-04D5-01	
		ORIGINAL ID ----->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
		LAB SAMPLE ID --->	951012-09		951012-10		951012-11		951012-12		951012-13	
		ID FROM REPORT -->	041M04D101		041M04D201		041M04D301		041M04D401		041M04D501	
		SAMPLE DATE ----->	12/05/95		12/05/95		12/05/95		12/05/95		12/05/95	
		DATE ANALYZED --->	12/07/95		12/08/95		12/07/95		12/07/95		12/07/95	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		030301	VAL	030301	VAL	030301	VAL	030301	VAL	030301	VAL
74-87-3	Chloromethane		36.	U	36.	U	14.	U	37.	U	12.	U
74-83-9	Bromomethane		36.	U	36.	U	14.	U	37.	U	12.	U
75-01-4	Vinyl chloride		11.	U	11.	U	4.	U	11.	U	3.	U
75-00-3	Chloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
75-09-2	Methylene chloride		38.	U	47.	U	14.	U	38.	U	12.	U
67-64-1	Acetone		250.	U	250.		33.		280.		60.	
75-15-0	Carbon disulfide		27.	J	4.	J	14.	U	18.	J	12.	U
75-35-4	1,1-Dichloroethene		36.	U	36.	U	14.	U	37.	U	12.	U
75-34-3	1,1-Dichloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
540-59-0	1,2-Dichloroethene (total)		36.	U	36.	U	14.	U	37.	U	12.	U
67-66-3	Chloroform		36.	U	36.	U	14.	U	37.	U	12.	U
107-06-2	1,2-Dichloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
78-93-3	2-Butanone (MEK)		36.	U	36.	U	14.	U	37.	U	12.	U
71-55-6	1,1,1-Trichloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
56-23-5	Carbon tetrachloride		36.	U	36.	U	14.	U	37.	U	12.	U
75-27-4	Bromodichloromethane		36.	U	36.	U	14.	U	37.	U	12.	U
78-87-5	1,2-Dichloropropane		36.	U	36.	U	14.	U	37.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene		36.	U	36.	U	14.	U	37.	U	12.	U
79-01-6	Trichloroethene		36.	U	36.	U	14.	U	37.	U	12.	U
124-48-1	Dibromochloromethane		36.	U	36.	U	14.	U	37.	U	12.	U
79-00-5	1,1,2-Trichloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
71-43-2	Benzene		36.	U	36.	U	14.	U	37.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene		36.	U	36.	U	14.	U	37.	U	12.	U
75-25-2	Bromoform		36.	U	36.	U	14.	U	37.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		36.	U	36.	U	14.	U	37.	U	12.	U
591-78-6	2-Hexanone		36.	U	36.	U	14.	U	37.	U	12.	U
127-18-4	Tetrachloroethene		36.	U	36.	U	14.	U	37.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane		36.	U	36.	U	14.	U	37.	U	12.	U
108-88-3	Toluene		36.	U	36.	U	14.	U	37.	U	12.	U
108-90-7	Chlorobenzene		36.	U	36.	U	14.	U	37.	U	12.	U
100-41-4	Ethylbenzene		36.	U	36.	U	14.	U	37.	U	12.	U
100-42-5	Styrene		36.	U	36.	U	14.	U	37.	U	12.	U
1330-20-7	Xylene (Total)		36.	U	36.	U	14.	U	37.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	12/20/95		12/20/95		12/20/95		12/20/95		01/04/96		12/27/95	
	DATE ANALYZED --->	12/27/95		12/27/95		12/27/95		12/27/95		01/05/96		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
9999000-58-8	Percent Solids	16.2		26.5		26.9		11.6		18.7		70.1	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-5A07-01					
	ORIGINAL ID ----->	041M5A0701					
	LAB SAMPLE ID --->	950950-05					
	ID FROM REPORT -->	041M5A0701					
	SAMPLE DATE ----->	11/16/95					
	DATE EXTRACTED -->	12/20/95					
	DATE ANALYZED --->	12/27/95					
	MATRIX ---------->	Sediment					
	UNITS ----------->	%					
CAS #	Parameter	5A0101	VAL				
9999000-58-8	Percent Solids	83.2					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

GRAIN SIZE													
		SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
		ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
		LAB SAMPLE ID --->	GTX-922-01		GTX-922-02		GTX-922-03		GTX-922-04		GTX-927-03		GTX-923-01	
		ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
		SAMPLE DATE ----->												
		DATE ANALYZED --->	11/21/95		11/21/96		11/21/95		11/21/95		11/27/95		11/28/95	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter		EA0101	VAL	EA0101	VAL	EA0101	VAL	EA0101	VAL	041M10	VAL	Z42101	VAL
9999900-32-7	Seive Size #10		94.	NA	98.	SP	99.	NA	100.	NA	100.	NA	99.	SP
9999900-32-8	Seive Size #20		90.	NA	91.	SP	98.	NA	90.	NA	89.	NA	98.	SP
9999900-32-9	Seive Size #40		73.	NA	60.	SP	88.	NA	64.	NA	78.	NA	69.	SP
9999900-33-1	Seive Size #100		33.	NA	4.	SP	47.	NA	44.	NA	55.	NA	3.	SP
9999900-33-0	Seive Size #60		50.	NA	14.	SP	63.	NA	54.	NA	62.	NA	12.	SP
9999900-33-2	Seive Size #200		21.	NA	2.	SP	37.	NA	34.	NA	50.	NA	2.	SP
9999900-33-3	Seive Size Pan		0.	NA	0.	SP	0.	NA	0.	NA	0.	NA	0.	SP
9999900-32-5	Seive Size 0.375"		NR		100.	SP	NR		NR		NR		NR	
9999900-32-6	Seive Size #4		100.	NA	99.	SP	100.	NA	NR		100.	NA	100.	SP
9999900-33-4	Seive Size 1"		NR		NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"		NR		NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"		NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID ------->	041-M-5A07-01
ORIGINAL ID ----->	041M5A0701
LAB SAMPLE ID --->	GTX-922-05
ID FROM REPORT -->	041M5A0701
SAMPLE DATE ----->	
DATE ANALYZED --->	11/21/95
MATRIX --------->	Sediment
UNITS ---------->	%

CAS #	Parameter	EA0101	VAL
9999900-32-7	Seive Size #10	96.	SP
9999900-32-8	Seive Size #20	85.	SP
9999900-32-9	Seive Size #40	56.	SP
9999900-33-1	Seive Size #100	1.	SP
9999900-33-0	Seive Size #60	9.	SP
9999900-33-2	Seive Size #200	0.	SP
9999900-33-3	Seive Size Pan	0.	SP
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	100.	SP
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

METAL	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	12/20/95		12/20/95		12/20/95		12/20/95		01/04/96		12/27/95	
	DATE ANALYZED --->	12/27/95		12/27/95		12/27/95		12/27/95		01/05/96		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
7429-90-5	Aluminum	18700.		3630.		13000.		8470.		11300.		699.	
7440-36-0	Antimony	10.	J	2.5	J	0.38	U	4.4	UJ	4.5	J	0.28	J
7440-38-2	Arsenic	2.5	J	2.5		2.6		1.2	J	3.2		0.15	UJ
7440-39-3	Barium	150.		9.5	J	33.4	J	27.2	J	50.8	J	4.1	J
7440-41-7	Beryllium	0.83	J	0.2	U	0.27	J	0.44	U	0.45	J	0.07	U
7440-43-9	Cadmium	11.2		7.6		7.7		4.2		10.1		0.56	
7440-70-2	Calcium	7660.		3190.		3390.		7690.		5040.	J	351.	J
7440-47-3	Chromium	81.1		38.9		69.3		33.7		115.		20.6	
7440-48-4	Cobalt	6.4	J	1.5	J	7.2	J	1.3	UJ	13.4	J	0.72	J
7440-50-8	Copper	156.		13.1		28.5		68.9		317.		16.2	
7439-89-6	Iron	9830.		3120.		9210.		2120.		6440.		616.	
7439-92-1	Lead	427.		64.6		111.		169.		383.	J	48.6	J
7439-95-4	Magnesium	815.	J	193.	J	469.	J	1340.	J	490.	J	44.4	J
7439-96-5	Manganese	205.		16.6		55.5		24.8		73.6		11.8	
7439-97-6	Mercury	1.		0.17	U	0.37		0.54	J	0.84		0.25	
7440-02-0	Nickel	23.5		5.8	J	16.		5.3	U	25.2		1.3	J
7440-09-7	Potassium	413.	J	92.2	J	275.	J	365.	J	92.6	J	20.3	J
7782-49-2	Selenium	1.7		1.5		1.6		1.8	J	2.6	J	0.22	U
7440-22-4	Silver	1.2	U	1.1	J	0.76	U	1.8	U	1.1	UJ	0.42	J
7440-23-5	Sodium	111.	J	28.6	J	47.2	J	122.	J	17.5	J	8.6	J
7440-28-0	Thallium	1.4	J	0.59	U	0.57	U	1.3	U	0.85	UJ	0.22	U
7440-62-2	Vanadium	24.		6.6	J	13.1		16.9	J	18.8		1.1	U
7440-66-6	Zinc	2290.		39.3		96.9		91.7		591.		51.3	
57-12-5	Cyanide (CN)	3.	U	1.9	U	1.9	U	4.2	U	2.6	U	0.68	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

METAL

SAMPLE ID ------->	041-M-5A07-01
ORIGINAL ID ----->	041M5A0701
LAB SAMPLE ID --->	950950-05
ID FROM REPORT -->	041M5A0701
SAMPLE DATE ----->	11/16/95
DATE EXTRACTED -->	12/20/95
DATE ANALYZED --->	12/27/95
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	5A0101	VAL
7429-90-5	Aluminum	1040.	
7440-36-0	Antimony	1.1	J
7440-38-2	Arsenic	0.78	
7440-39-3	Barium	5.5	J
7440-41-7	Beryllium	0.06	U
7440-43-9	Cadmium	0.27	J
7440-70-2	Calcium	71000.	
7440-47-3	Chromium	2.8	
7440-48-4	Cobalt	0.3	J
7440-50-8	Copper	13.1	
7439-89-6	Iron	1440.	
7439-92-1	Lead	11.5	
7439-95-4	Magnesium	5960.	
7439-96-5	Manganese	30.5	
7439-97-6	Mercury	0.05	U
7440-02-0	Nickel	2.	J
7440-09-7	Potassium	38.8	J
7782-49-2	Selenium	0.18	U
7440-22-4	Silver	0.24	U
7440-23-5	Sodium	52.	J
7440-28-0	Thallium	0.18	U
7440-62-2	Vanadium	2.2	J
7440-66-6	Zinc	54.7	
57-12-5	Cyanide (CN)	0.6	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	11/21/95		11/21/95		11/21/95		11/21/95		11/30/95		11/21/95	
	DATE ANALYZED --->	12/16/95		12/16/95		12/16/95		12/16/95		01/05/96		12/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
319-84-6	alpha-BHC	0.64	J	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.34	J
319-85-7	beta-BHC	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
319-86-8	delta-BHC	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
58-89-9	gamma-BHC (Lindane)	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
76-44-8	Heptachlor	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
309-00-2	Aldrin	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
1024-57-3	Heptachlor epoxide	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	0.39	UJ	0.11	U
959-98-8	Endosulfan I	0.3	UJ	0.19	U	0.31	UJ	0.49	U	0.81	UJ	0.23	U
60-57-1	Dieldrin	2.5	J	0.32	UJ	0.61	UJ	0.72	UJ	0.81	UJ	0.85	J
72-55-9	4,4'-DDE	0.87	J	1.4	J	0.61	UJ	1.7	J	120.	D	1.2	
72-20-8	Endrin	0.59	UJ	0.32	UJ	0.61	UJ	0.72	UJ	1.1	J	0.23	U
33213-65-9	Endosulfan II	0.59	UJ	0.32	UJ	0.61	UJ	0.72	UJ	1.7	J	0.23	U
72-54-8	4,4'-DDD	0.64	J	1.5	J	0.84	J	2.3	J	0.81	UJ	0.23	U
1031-07-8	Endosulfan sulfate	0.59	UJ	0.32	UJ	0.61	UJ	0.72	UJ	0.81	UJ	0.23	U
50-29-3	4,4'-DDT	0.78	J	0.32	UJ	0.61	UJ	1.3	J	5.	J	0.23	U
72-43-5	Methoxychlor	3.	UJ	1.6	UJ	3.1	UJ	3.6	UJ	3.9	UJ	1.1	U
53494-70-5	Endrin ketone	0.59	UJ	0.32	UJ	0.61	UJ	0.72	UJ	0.81	UJ	0.23	U
7421-93-4	Endrin aldehyde	0.59	UJ	0.32	UJ	0.61	UJ	0.72	UJ	0.72	J	0.23	U
5103-71-9	alpha-Chlordane	0.33	J	0.16	UJ	0.31	UJ	0.36	UJ	1.6	J	0.11	U
5103-74-2	gamma-Chlordane	0.3	UJ	0.16	UJ	0.31	UJ	0.36	UJ	1.3	J	0.11	U
8001-35-2	Toxaphene	61.	UJ	33.	UJ	63.	UJ	74.	UJ	39.	UJ	23.	U
12674-11-2	Aroclor-1016	5.9	UJ	3.2	UJ	6.1	UJ	7.2	UJ	8.1	UJ	4.5	U
11104-28-2	Aroclor-1221	12.	UJ	6.4	UJ	12.	UJ	14.	UJ	16.	UJ	9.2	U
11141-16-5	Aroclor-1232	5.9	UJ	3.2	UJ	6.1	UJ	7.2	UJ	8.1	UJ	4.5	U
53469-21-9	Aroclor-1242	5.9	UJ	3.2	UJ	6.1	UJ	7.2	UJ	8.1	UJ	4.5	U
12672-29-6	Aroclor-1248	5.9	UJ	3.2	UJ	6.1	UJ	7.2	UJ	8.1	UJ	4.5	U
11097-69-1	Aroclor-1254	5.9	UJ	3.2	UJ	6.1	UJ	7.2	UJ	8.1	UJ	14.	
11096-82-5	Aroclor-1260	16.	J	3.2	UJ	6.1	UJ	7.2	UJ	100.	DJ	4.5	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

PEST

SAMPLE ID -------> 041-M-5A07-01
ORIGINAL ID -----> 041M5A0701
LAB SAMPLE ID ---> 950950-05
ID FROM REPORT --> 041M5A0701
SAMPLE DATE -----> 11/16/95
DATE EXTRACTED --> 11/21/95
DATE ANALYZED ---> 12/16/95
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	5A0101	VAL
319-84-6	alpha-BHC	0.45	U
319-85-7	beta-BHC	0.1	U
319-86-8	delta-BHC	0.1	U
58-89-9	gamma-BHC (Lindane)	0.1	U
76-44-8	Heptachlor	0.1	U
309-00-2	Aldrin	0.1	U
1024-57-3	Heptachlor epoxide	0.1	U
959-98-8	Endosulfan I	0.1	U
60-57-1	Dieldrin	0.2	U
72-55-9	4,4'-DDE	0.2	U
72-20-8	Endrin	0.2	U
33213-65-9	Endosulfan II	0.2	U
72-54-8	4,4'-DDD	0.23	J
1031-07-8	Endosulfan sulfate	0.2	U
50-29-3	4,4'-DDT	0.2	U
72-43-5	Methoxychlor	1.	U
53494-70-5	Endrin ketone	0.26	
7421-93-4	Endrin aldehyde	0.2	U
5103-71-9	alpha-Chlordane	0.1	U
5103-74-2	gamma-Chlordane	0.23	J
8001-35-2	Toxaphene	20.	U
12674-11-2	Aroclor-1016	2.	U
11104-28-2	Aroclor-1221	4.	U
11141-16-5	Aroclor-1232	2.	U
53469-21-9	Aroclor-1242	2.	U
12672-29-6	Aroclor-1248	2.	U
11097-69-1	Aroclor-1254	2.	U
11096-82-5	Aroclor-1260	2.6	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	11/21/95		11/21/95		11/21/95		11/21/95		11/30/95		11/21/95	
	DATE ANALYZED --->	12/02/95		12/02/95		12/02/95		12/02/95		12/05/95		11/30/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
108-95-2	Phenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
111-44-4	bis(2-Chloroethyl)ether	120.	U	63.	U	120.	U	140.	U	160.	U	45.	U
95-57-8	2-Chlorophenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
541-73-1	1,3-Dichlorobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
106-46-7	1,4-Dichlorobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
95-50-1	1,2-Dichlorobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
95-48-7	2-Methylphenol (o-Cresol)	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	UJ
106-44-5	4-Methylphenol (p-Cresol)	200.	J	630.	U	1200.	U	150.	J	100.	J	450.	U
621-64-7	N-Nitroso-di-n-propylamine	120.	U	63.	U	120.	U	140.	U	160.	U	45.	U
67-72-1	Hexachloroethane	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
98-95-3	Nitrobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
78-59-1	Isophorone	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
88-75-5	2-Nitrophenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
105-67-9	2,4-Dimethylphenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
111-91-1	bis(2-Chloroethoxy)methane	1200.	U	630.	U	1200.	U	1400.	U	110.	J	450.	U
120-83-2	2,4-Dichlorophenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
120-82-1	1,2,4-Trichlorobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
91-20-3	Naphthalene	120.	U	63.	U	120.	UJ	140.	U	160.	U	45.	U
106-47-8	4-Chloroaniline	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
87-68-3	Hexachlorobutadiene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
59-50-7	4-Chloro-3-methylphenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
91-57-6	2-Methylnaphthalene	120.	U	63.	U	120.	U	140.	U	160.	U	45.	U
77-47-4	Hexachlorocyclopentadiene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	UJ
88-06-2	2,4,6-Trichlorophenol	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
95-95-4	2,4,5-Trichlorophenol	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	U
91-58-7	2-Chloronaphthalene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
88-74-4	2-Nitroaniline	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
131-11-3	Dimethylphthalate	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
208-96-8	Acenaphthylene	120.	U	63.	U	120.	U	140.	U	120.	J	45.	U
606-20-2	2,6-Dinitrotoluene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
99-09-2	3-Nitroaniline	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	UJ
83-32-9	Acenaphthene	57.	U	31.	U	59.	U	69.	U	75.	U	22.	U
51-28-5	2,4-Dinitrophenol	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	UJ
100-02-7	4-Nitrophenol	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	U
132-64-9	Dibenzofuran	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	11/21/95		11/21/95		11/21/95		11/21/95		11/30/95		11/21/95	
	DATE ANALYZED --->	12/02/95		12/02/95		12/02/95		12/02/95		12/05/95		11/30/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
121-14-2	2,4-Dinitrotoluene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
84-66-2	Diethylphthalate	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
7005-72-3	4-Chlorophenylphenyl ether	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
86-73-7	Fluorene	57.	U	31.	U	59.	U	69.	U	75.	U	22.	U
100-01-6	4-Nitroaniline	2800.	U	1500.	UJ	2900.	U	3500.	U	3800.	U	1100.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
101-55-3	4-Bromophenyl-phenylether	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
118-74-1	Hexachlorobenzene	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	U
87-86-5	Pentachlorophenol	2800.	U	1500.	U	2900.	U	3500.	U	3800.	U	1100.	U
85-01-8	Phenanthrene	110.	J	63.	U	120.	U	140.	U	240.		45.	U
120-12-7	Anthracene	120.	U	63.	U	120.	U	140.	U	160.	U	450.	U
86-74-8	Carbazole	1200.	U	630.	U	1200.	U	1400.	U	96.	J	450.	U
84-74-2	Di-n-butylphthalate	1200.	U	630.	U	1200.	U	1400.	U	100.	J	450.	U
206-44-0	Fluoranthene	280.		71.		120.	U	88.	J	1100.		45.	U
129-00-0	Pyrene	220.		71.		120.	U	83.	J	730.		45.	U
85-68-7	Butylbenzylphthalate	1200.	U	630.	U	1200.	U	1400.	U	200.	J	450.	U
91-94-1	3,3'-Dichlorobenzidine	1200.	U	630.	U	1200.	U	1400.	U	1600.	U	450.	UJ
56-55-3	Benzo(a)anthracene	120.		63.	U	120.	U	140.	U	320.		45.	U
218-01-9	Chrysene	180.		63.	U	120.	U	140.	U	510.		45.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1200.	U	630.	U	1200.	U	1400.	U	1500.	J	690.	
117-84-0	Di-n-octylphthalate	1200.	U	630.	U	1200.	U	1400.	U	1600.	UJ	450.	U
205-99-2	Benzo(b)fluoranthene	220.		57.	J	120.	U	140.	U	160.	U	45.	U
207-08-9	Benzo(k)fluoranthene	88.	J	63.	U	120.	U	73.	J	160.	U	45.	U
50-32-8	Benzo(a)pyrene	140.		37.	J	120.	U	140.	U	240.		45.	U
193-39-5	Indeno(1,2,3-cd)pyrene	110.	J	63.	U	120.	U	140.	U	310.		45.	U
53-70-3	Dibenz(a,h)anthracene	120.	U	63.	U	120.	U	140.	U	160.	U	45.	U
191-24-2	Benzo(g,h,i)perylene	120.		63.	U	120.	U	140.	U	280.		45.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-5A07-01
ORIGINAL ID ----->	041M5A0701
LAB SAMPLE ID --->	950950-05
ID FROM REPORT -->	041M5A0701
SAMPLE DATE ----->	11/16/95
DATE EXTRACTED -->	11/21/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	5A0101	VAL
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	40.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	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)/bis(2-chlor	400.	UR
106-44-5	4-Methylphenol (p-Cresol)	400.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	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	40.	UJ
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	40.	U
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	960.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	400.	U
131-11-3	Dimethylphthalate	400.	U
208-96-8	Acenaphthylene	40.	U
606-20-2	2,6-Dinitrotoluene	400.	U
99-09-2	3-Nitroaniline	960.	UJ
83-32-9	Acenaphthene	19.	U
51-28-5	2,4-Dinitrophenol	960.	U
100-02-7	4-Nitrophenol	960.	U
132-64-9	Dibenzofuran	400.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

SVOA

SAMPLE ID -------> 041-M-5A07-01
ORIGINAL ID -----> 041M5A0701
LAB SAMPLE ID ---> 950950-05
ID FROM REPORT --> 041M5A0701
SAMPLE DATE -----> 11/16/95
DATE EXTRACTED --> 11/21/95
DATE ANALYZED ---> 12/08/95
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	5A0101	VAL
121-14-2	2,4-Dinitrotoluene	400.	U
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenylphenyl ether	400.	U
86-73-7	Fluorene	19.	U
100-01-6	4-Nitroaniline	960.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	960.	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	960.	U
85-01-8	Phenanthrene	230.	
120-12-7	Anthracene	44.	
86-74-8	Carbazole	48.	J
84-74-2	Di-n-butylphthalate	400.	U
206-44-0	Fluoranthene	750.	
129-00-0	Pyrene	620.	
85-68-7	Butylbenzylphthalate	400.	UJ
91-94-1	3,3'-Dichlorobenzidine	400.	U
56-55-3	Benzo(a)anthracene	240.	
218-01-9	Chrysene	390.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1300.	
117-84-0	Di-n-octylphthalate	22.	J
205-99-2	Benzo(b)fluoranthene	360.	
207-08-9	Benzo(k)fluoranthene	170.	
50-32-8	Benzo(a)pyrene	240.	
193-39-5	Indeno(1,2,3-cd)pyrene	190.	
53-70-3	Dibenz(a,h)anthracene	40.	U
191-24-2	Benzo(g,h,i)perylene	190.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

TOC													
	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE EXTRACTED -->	11/30/95		11/30/95		11/30/95		11/30/95		12/20/96		12/02/96	
	DATE ANALYZED --->	11/30/95		11/30/95		11/30/95		11/30/95		12/20/96		12/02/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ----------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
9999900-01-4	Total Organic Carbon (TOC)	254000.		37500.		99700.		409000.		153000.		6420.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

TOC

SAMPLE ID ------->	041-M-5A07-01
ORIGINAL ID ----->	041M5A0701
LAB SAMPLE ID --->	950950-05
ID FROM REPORT -->	041M5A0701
SAMPLE DATE ----->	11/16/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	11/30/95
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	5A0101	VAL
9999900-01-4	Total Organic Carbon (TOC)	2100.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	041-M-5A01-01		041-M-5A02-01		041-M-5A03-01		041-M-5A04-01		041-M-5A05-01 RE		041-M-5A06-01	
	ORIGINAL ID ----->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	LAB SAMPLE ID --->	950950-01		950950-02		950950-03		950950-04		950979-03		950952-07	
	ID FROM REPORT -->	041M5A0101		041M5A0201		041M5A0301		041M5A0401		041M5A0501		041M5A0601	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/16/95		11/27/95		11/17/95	
	DATE ANALYZED --->	11/24/95		11/22/95		11/22/95		11/22/95		11/30/95		11/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL
74-87-3	Chloromethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
74-83-9	Bromomethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-01-4	Vinyl chloride	13.	U	6.	U	8.	U	25.	U	53.	U	4.	U
75-00-3	Chloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-09-2	Methylene chloride	250.	J	21.	U	26.	U	83.	U	62.	U	13.	U
67-64-1	Acetone	1600.	D	5200.	J	4400.	J	450.		130.	U	140.	J
75-15-0	Carbon disulfide	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-35-4	1,1-Dichloroethene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-34-3	1,1-Dichloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
67-66-3	Chloroform	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
107-06-2	1,2-Dichloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
78-93-3	2-Butanone (MEK)	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
71-55-6	1,1,1-Trichloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
56-23-5	Carbon tetrachloride	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-27-4	Bromodichloromethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
78-87-5	1,2-Dichloropropane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
79-01-6	Trichloroethene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
124-48-1	Dibromochloromethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
79-00-5	1,1,2-Trichloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
71-43-2	Benzene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
75-25-2	Bromoform	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
591-78-6	2-Hexanone	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
127-18-4	Tetrachloroethene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
108-88-3	Toluene	110.		21.	U	5.	J	280.		53.	U	13.	U
108-90-7	Chlorobenzene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
100-41-4	Ethylbenzene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
100-42-5	Styrene	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U
1330-20-7	Xylene (Total)	43.	U	21.	U	26.	U	83.	U	53.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Sediment Samples

VOA

SAMPLE ID -------> 041-M-5A07-01
ORIGINAL ID -----> 041M5A0701
LAB SAMPLE ID ---> 950950-05
ID FROM REPORT --> 041M5A0701
SAMPLE DATE -----> 11/16/95
DATE ANALYZED ---> 11/22/95
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	5A0101	VAL
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl chloride	4.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene chloride	13.	U
67-64-1	Acetone	13.	U
75-15-0	Carbon disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylene (Total)	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-5B01-01	041-M-5B02-01				
	ORIGINAL ID ----->	041M5B0101	041M5B0201				
	LAB SAMPLE ID --->	950952-08	950952-09				
	ID FROM REPORT -->	041M5B0101	041M5B0201				
	SAMPLE DATE ----->	11/17/95	11/17/95				
	DATE EXTRACTED -->	12/27/95	12/27/95				
	DATE ANALYZED --->	12/27/95	12/27/95				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ----------->	%	%				
CAS #	Parameter	Z42101 VAL	Z42101 VAL				
9999000-58-8	Percent Solids	72.7	13.4				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

GRAIN SIZE								
	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01				
	ORIGINAL ID ----->	041M5B0101		041M5B0201				
	LAB SAMPLE ID --->	GTX-923-02		GTX-923-03				
	ID FROM REPORT -->	041M5B0101		041M5B0201				
	SAMPLE DATE ----->							
	DATE ANALYZED --->	11/28/95		11/28/95				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ----------->	%		%				
CAS #	Parameter	Z42101	VAL	Z42101	VAL			
9999900-32-7	Seive Size #10	100.	SP	100.	NA			
9999900-32-8	Seive Size #20	100.	SP	99.	NA			
9999900-32-9	Seive Size #40	68.	SP	77.	NA			
9999900-33-1	Seive Size #100	2.	SP	16.	NA			
9999900-33-0	Seive Size #60	9.	SP	24.	NA			
9999900-33-2	Seive Size #200	1.	SP	15.	NA			
9999900-33-3	Seive Size Pan	0.	SP	0.	NA			
9999900-32-5	Seive Size 0.375"	NR		NR				
9999900-32-6	Seive Size #4	100.	SP	NR				
9999900-33-4	Seive Size 1"	NR		NR				
9999900-33-5	Seive Size .75"	NR		NR				
9999900-33-6	Seive Size .5"	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

METAL									
	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01					
	ORIGINAL ID ----->	041M5B0101		041M5B0201					
	LAB SAMPLE ID --->	950952-08		950952-09					
	ID FROM REPORT -->	041M5B0101		041M5B0201					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE EXTRACTED -->	12/27/95		12/27/95					
	DATE ANALYZED --->	12/27/95		12/27/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
7429-90-5	Aluminum	491.		10500.					
7440-36-0	Antimony	0.14	UR	3.9	UR				
7440-38-2	Arsenic	0.14	UJ	1.3	J				
7440-39-3	Barium	1.3	J	30.2	J				
7440-41-7	Beryllium	0.07	U	0.48	J				
7440-43-9	Cadmium	0.3	J	220.					
7440-70-2	Calcium	109.	J	4400.	J				
7440-47-3	Chromium	7.9		416.					
7440-48-4	Cobalt	0.2	U	5.3	J				
7440-50-8	Copper	3.1	U	268.					
7439-89-6	Iron	306.		3290.					
7439-92-1	Lead	17.9	J	481.	J				
7439-95-4	Magnesium	27.1	J	668.	J				
7439-96-5	Manganese	1.4		42.7					
7439-97-6	Mercury	0.05	U	0.68					
7440-02-0	Nickel	2.2	J	93.9					
7440-09-7	Potassium	10.5	J	247.	J				
7782-49-2	Selenium	0.2	U	3.6					
7440-22-4	Silver	0.27	UJ	5.2	J				
7440-23-5	Sodium	2.6	U	95.2	J				
7440-28-0	Thallium	0.2	U	1.2	U				
7440-62-2	Vanadium	0.83	U	18.8	J				
7440-66-6	Zinc	9.8		1160.					
57-12-5	Cyanide (CN)	0.65	U	3.7	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

PEST									
	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01					
	ORIGINAL ID ----->	041M5B0101		041M5B0201					
	LAB SAMPLE ID --->	950952-08		950952-09					
	ID FROM REPORT -->	041M5B0101		041M5B0201					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE EXTRACTED -->	11/21/95		11/21/95					
	DATE ANALYZED --->	12/18/95		12/18/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ----------->	UG/KG		UG/KG					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
319-84-6	alpha-BHC	0.3	J	1.8					
319-85-7	beta-BHC	0.1	U	0.36	U				
319-86-8	delta-BHC	0.1	U	0.36	U				
58-89-9	gamma-BHC (Lindane)	0.1	U	0.36	U				
76-44-8	Heptachlor	0.1	U	0.36	U				
309-00-2	Aldrin	0.1	U	0.36	U				
1024-57-3	Heptachlor epoxide	0.1	U	0.36	U				
959-98-8	Endosulfan I	0.21	U	0.73	U				
60-57-1	Dieldrin	0.42	J	7.1	J				
72-55-9	4,4'-DDE	0.32	J	3.9					
72-20-8	Endrin	0.21	U	0.73	U				
33213-65-9	Endosulfan II	0.21	U	0.73	U				
72-54-8	4,4'-DDD	0.21	U	2.2	J				
1031-07-8	Endosulfan sulfate	0.21	U	0.73	U				
50-29-3	4,4'-DDT	0.21	U	0.73	U				
72-43-5	Methoxychlor	1.	U	3.6	U				
53494-70-5	Endrin ketone	0.21	U	0.73	U				
7421-93-4	Endrin aldehyde	0.21	U	0.73	U				
5103-71-9	alpha-Chlordane	0.19	J	1.2	J				
5103-74-2	gamma-Chlordane	0.1	U	1.	J				
8001-35-2	Toxaphene	21.	U	73.	U				
12674-11-2	Aroclor-1016	4.1	U	14.	U				
11104-28-2	Aroclor-1221	8.4	U	29.	U				
11141-16-5	Aroclor-1232	4.1	U	14.	U				
53469-21-9	Aroclor-1242	4.1	U	14.	U				
12672-29-6	Aroclor-1248	4.1	U	14.	U				
11097-69-1	Aroclor-1254	8.7	J	53.					
11096-82-5	Aroclor-1260	4.1	U	14.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01					
	ORIGINAL ID ----->	041M5B0101		041M5B0201					
	LAB SAMPLE ID --->	950952-08		950952-09					
	ID FROM REPORT -->	041M5B0101		041M5B0201					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE EXTRACTED -->	11/21/95		11/21/95					
	DATE ANALYZED --->	12/01/95		12/01/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
108-95-2	Phenol	410.	U	1400.	U				
111-44-4	bis(2-Chloroethyl)ether	41.	U	140.	U				
95-57-8	2-Chlorophenol	410.	U	1400.	U				
541-73-1	1,3-Dichlorobenzene	410.	U	1400.	U				
106-46-7	1,4-Dichlorobenzene	410.	U	1400.	U				
95-50-1	1,2-Dichlorobenzene	410.	U	1400.	U				
95-48-7	2-Methylphenol (o-Cresol)	410.	U	200.	J				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	410.	U	1400.	U				
106-44-5	4-Methylphenol (p-Cresol)	410.	U	150.	J				
621-64-7	N-Nitroso-di-n-propylamine	41.	U	140.	U				
67-72-1	Hexachloroethane	410.	U	1400.	U				
98-95-3	Nitrobenzene	410.	U	1400.	U				
78-59-1	Isophorone	410.	U	1400.	U				
88-75-5	2-Nitrophenol	410.	U	1400.	U				
105-67-9	2,4-Dimethylphenol	410.	U	1400.	U				
111-91-1	bis(2-Chloroethoxy)methane	410.	U	1400.	U				
120-83-2	2,4-Dichlorophenol	410.	U	1400.	U				
120-82-1	1,2,4-Trichlorobenzene	410.	U	1400.	U				
91-20-3	Naphthalene	41.	U	140.	U				
106-47-8	4-Chloroaniline	410.	U	1400.	U				
87-68-3	Hexachlorobutadiene	410.	U	1400.	U				
59-50-7	4-Chloro-3-methylphenol	410.	U	1400.	U				
91-57-6	2-Methylnaphthalene	41.	U	140.	U				
77-47-4	Hexachlorocyclopentadiene	410.	UJ	1400.	UJ				
88-06-2	2,4,6-Trichlorophenol	410.	U	1400.	U				
95-95-4	2,4,5-Trichlorophenol	1000.	U	3400.	U				
91-58-7	2-Chloronaphthalene	410.	U	1400.	U				
88-74-4	2-Nitroaniline	410.	U	1400.	U				
131-11-3	Dimethylphthalate	410.	U	1400.	U				
208-96-8	Acenaphthylene	41.	U	140.	U				
606-20-2	2,6-Dinitrotoluene	410.	U	1400.	U				
99-09-2	3-Nitroaniline	1000.	UJ	3400.	UJ				
83-32-9	Acenaphthene	20.	U	69.	U				
51-28-5	2,4-Dinitrophenol	1000.	U	3400.	U				
100-02-7	4-Nitrophenol	1000.	U	3400.	U				
132-64-9	Dibenzofuran	410.	U	1400.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01					
	ORIGINAL ID ----->	041M5B0101		041M5B0201					
	LAB SAMPLE ID --->	950952-08		950952-09					
	ID FROM REPORT -->	041M5B0101		041M5B0201					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE EXTRACTED -->	11/21/95		11/21/95					
	DATE ANALYZED --->	12/01/95		12/01/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ----------->	UG/KG		UG/KG					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
121-14-2	2,4-Dinitrotoluene	410.	U	1400.	U				
84-66-2	Diethylphthalate	410.	U	1400.	U				
7005-72-3	4-Chlorophenylphenyl ether	410.	U	1400.	U				
86-73-7	Fluorene	20.	U	69.	U				
100-01-6	4-Nitroaniline	1000.	U	3400.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	3400.	U				
86-30-6	N-Nitrosodiphenylamine	410.	U	1400.	U				
101-55-3	4-Bromophenyl-phenylether	410.	U	1400.	U				
118-74-1	Hexachlorobenzene	410.	U	1400.	U				
87-86-5	Pentachlorophenol	1000.	U	3400.	U				
85-01-8	Phenanthrene	41.	U	140.	U				
120-12-7	Anthracene	410.	U	1400.	U				
86-74-8	Carbazole	410.	UJ	1400.	UJ				
84-74-2	Di-n-butylphthalate	410.	U	1400.	U				
206-44-0	Fluoranthene	41.	U	110.	J				
129-00-0	Pyrene	41.	U	88.	J				
85-68-7	Butylbenzylphthalate	38.	J	80.	J				
91-94-1	3,3'-Dichlorobenzidine	410.	U	1400.	U				
56-55-3	Benzo(a)anthracene	41.	U	140.	U				
218-01-9	Chrysene	41.	U	140.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U	1400.	U				
117-84-0	Di-n-octylphthalate	410.	U	1400.	U				
205-99-2	Benzo(b)fluoranthene	41.	U	83.	J				
207-08-9	Benzo(k)fluoranthene	41.	U	140.	U				
50-32-8	Benzo(a)pyrene	41.	U	140.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	41.	U	140.	U				
53-70-3	Dibenz(a,h)anthracene	41.	U	140.	U				
191-24-2	Benzo(g,h,i)perylene	41.	U	140.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

TOC								
		SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01			
		ORIGINAL ID ----->	041M5B0101		041M5B0201			
		LAB SAMPLE ID --->	950952-08		950952-09			
		ID FROM REPORT -->	041M5B0101		041M5B0201			
		SAMPLE DATE ----->	11/17/95		11/17/95			
		DATE EXTRACTED -->	12/02/96		12/02/96			
		DATE ANALYZED --->	12/02/96		12/02/96			
		MATRIX ---------->	Sediment		Sediment			
		UNITS ---------->	MG/KG		MG/KG			
CAS #	Parameter		Z42101	VAL	Z42101	VAL		
9999900-01-4	Total Organic Carbon (TOC)		1790.		74500.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Sediment Samples

VOA

	SAMPLE ID ------->	041-M-5B01-01		041-M-5B02-01					
	ORIGINAL ID ----->	041M5B0101		041M5B0201					
	LAB SAMPLE ID --->	950952-08		950952-09					
	ID FROM REPORT -->	041M5B0101		041M5B0201					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE ANALYZED --->	11/26/95		11/26/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
74-87-3	Chloromethane	12.	U	31.	U				
74-83-9	Bromomethane	12.	U	31.	U				
75-01-4	Vinyl chloride	4.	U	42.					
75-00-3	Chloroethane	12.	U	31.	U				
75-09-2	Methylene chloride	12.	U	31.	U				
67-64-1	Acetone	180.		66.					
75-15-0	Carbon disulfide	12.	U	31.	U				
75-35-4	1,1-Dichloroethene	12.	U	31.	U				
75-34-3	1,1-Dichloroethane	12.	U	31.	U				
540-59-0	1,2-Dichloroethene (total)	12.	U	11.	J				
67-66-3	Chloroform	12.	U	31.	U				
107-06-2	1,2-Dichloroethane	12.	U	31.	U				
78-93-3	2-Butanone (MEK)	12.	U	31.	U				
71-55-6	1,1,1-Trichloroethane	12.	U	31.	U				
56-23-5	Carbon tetrachloride	12.	U	31.	U				
75-27-4	Bromodichloromethane	12.	U	31.	U				
78-87-5	1,2-Dichloropropane	12.	U	31.	U				
10061-01-5	cis-1,3-Dichloropropene	12.	U	31.	U				
79-01-6	Trichloroethene	12.	U	31.	U				
124-48-1	Dibromochloromethane	12.	U	31.	U				
79-00-5	1,1,2-Trichloroethane	12.	U	31.	U				
71-43-2	Benzene	12.	U	31.	U				
10061-02-6	trans-1,3-Dichloropropene	12.	U	31.	U				
75-25-2	Bromoform	12.	U	31.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	31.	U				
591-78-6	2-Hexanone	12.	U	31.	U				
127-18-4	Tetrachloroethene	12.	U	31.	U				
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	31.	U				
108-88-3	Toluene	12.	U	13.	J				
108-90-7	Chlorobenzene	12.	U	7.	J				
100-41-4	Ethylbenzene	12.	U	31.	U				
100-42-5	Styrene	12.	U	31.	U				
1330-20-7	Xylene (Total)	12.	U	31.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01		041-M-0606-01	
	ORIGINAL ID ----->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	LAB SAMPLE ID --->	950941-01		950941-02		950941-03		950941-04		950950-20		950950-21	
	ID FROM REPORT -->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95		11/15/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	12/19/95		12/19/95		12/19/95		12/19/95		12/20/95		12/20/95	
	DATE ANALYZED --->	12/20/95		12/20/95		12/20/95		12/20/95		12/27/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL
9999000-58-8	Percent Solids	82.7		81.9		70.4		81.6		81.4		51.2	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	12/10/95		12/10/95		12/10/95		12/20/95		12/20/95	
	DATE ANALYZED --->	12/11/95		12/11/95		12/11/95		12/27/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%	
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
9999000-58-8	Percent Solids	37.6		80.9		73.3		80.9		81.3	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

GRAIN SIZE													
	SAMPLE ID ------->	041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01		041-M-0606-01	
	ORIGINAL ID ----->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	LAB SAMPLE ID --->	GTX-921-01		GTX-921-02		GTX-921-03		GTX-921-04		GTX-922-14		GTX-922-15	
	ID FROM REPORT -->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/22/95		11/22/95		11/22/95		11/22/95		11/21/96		11/21/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	EA0101	VAL	EA0101	VAL
9999900-32-7	Seive Size #10	92.	SP	81.	SP	96.	SP	100.	SP	100.	SP	98.	SP
9999900-32-8	Seive Size #20	84.	SP	72.	SP	93.	SP	99.	SP	95.	SP	97.	SP
9999900-32-9	Seive Size #40	57.	SP	41.	SP	73.	SP	75.	SP	71.	SP	66.	SP
9999900-33-1	Seive Size #100	4.	SP	3.	SP	15.	SP	1.	SP	9.	SP	6.	SP
9999900-33-0	Seive Size #60	16.	SP	9.	SP	24.	SP	11.	SP	32.	SP	18.	SP
9999900-33-2	Seive Size #200	2.	SP	2.	SP	3.	SP	1.	SP	4.	SP	4.	SP
9999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	SP	0.	SP	0.	SP	0.	SP
9999900-32-5	Seive Size 0.375"	100.	SP	100.	SP	NR		NR		NR		100.	SP
9999900-32-6	Seive Size #4	96.	SP	86.	SP	100.	SP	NR		100.	SP	99.	SP
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	GTX-920-01		GTX-920-02		GTX-920-03		GTX-922-16		GTX-922-17	
	ID FROM REPORT -->	041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->										
	DATE ANALYZED --->	11/20/95		11/20/95		11/20/95		11/21/95		11/21/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%	
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	EA0101	VAL	EA0101	VAL
9999900-32-7	Seive Size #10	93.	SP	98.	SP	100.	SP	100.	SP	100.	SP
9999900-32-8	Seive Size #20	87.	SP	95.	SP	100.	SP	99.	SP	99.	SP
9999900-32-9	Seive Size #40	68.	SP	73.	SP	72.	SP	76.	SP	71.	SP
9999900-33-1	Seive Size #100	8.	SP	2.	SP	2.	SP	2.	SP	2.	SP
9999900-33-0	Seive Size #60	17.	SP	16.	SP	10.	SP	13.	SP	9.	SP
9999900-33-2	Seive Size #200	4.	SP	1.	SP	1.	SP	2.	SP	2.	SP
9999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	SP	0.	SP	0.	SP
9999900-32-5	Seive Size 0.375"	NR		100.	SP	NR		NR		NR	
9999900-32-6	Seive Size #4	100.	SP	98.	SP	NR		100.	SP	NR	
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	010-M-0001-01		041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01	
	ORIGINAL ID ----->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
	LAB SAMPLE ID --->	39496-051		950941-01		950941-02		950941-03		950941-04		950950-20	
	ID FROM REPORT -->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
	SAMPLE DATE ----->			11/15/95		11/15/95		11/15/95		11/15/95		11/16/95	
	DATE EXTRACTED -->			12/19/95		12/19/95		12/19/95		12/19/95		12/20/95	
	DATE ANALYZED --->			12/20/95		12/20/95		12/20/95		12/20/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CT520	VAL	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL
7429-90-5	Aluminum	313.	J	1650.	J	1410.	J	2360.	J	400.	J	390.	
7440-36-0	Antimony	3.8	U	0.12	UR	0.12	UR	0.16	J	0.12	UR	0.12	UJ
7440-38-2	Arsenic	0.71	U	0.74		0.28	J	0.53	J	0.12	U	0.12	U
7440-39-3	Barium	2.4	U	37.		7.8	J	11.8	J	4.3	J	1.8	J
7440-41-7	Beryllium	0.1	U	0.14	J	0.1	J	0.11	J	0.06	U	0.06	U
7440-43-9	Cadmium	0.65	U	0.28	J	0.33		0.32	J	0.18	U	0.19	U
7440-70-2	Calcium	731.	J	8370.	J	5880.	J	2420.	J	162.	J	178.	J
7440-47-3	Chromium	1.8	U	2.5		2.		4.4		0.85		0.56	J
7440-48-4	Cobalt	20.7	J	0.52	J	0.23	J	0.37	J	0.19	J	0.19	UJ
7440-50-8	Copper	14.2	J	7.8	J	8.3	J	20.9	J	13.6	J	3.6	
7439-89-6	Iron	402.	J	1620.	J	1150.	J	1730.	J	328.	J	335.	
7439-92-1	Lead	31.4		47.4	J	10.9	J	36.1	J	16.2	J	9.4	
7439-95-4	Magnesium	42.5	UJ	1160.		1180.		430.		32.7	J	28.7	J
7439-96-5	Manganese	1.2	UJ	29.3		26.3		21.8		1.5		1.4	
7439-97-6	Mercury	0.03	U	0.05	U	0.06	U	0.06	U	0.05	U	0.05	U
7440-02-0	Nickel	4.3		1.6	J	0.84	J	1.2	J	0.72	U	0.74	U
7440-09-7	Potassium	158.	U	122.	J	72.6	J	80.6	J	17.	J	9.6	J
7782-49-2	Selenium	0.41	UJ	0.18	U	0.18	U	0.2	U	0.18	U	0.19	U
7440-22-4	Silver	0.88	U	0.23	UJ	0.23	UJ	0.27	UJ	0.24	UJ	0.25	U
7440-23-5	Sodium	10.	U	54.7	J	33.6	J	105.	J	13.9	J	2.4	U
7440-28-0	Thallium	0.68	U	0.67		0.18	U	0.2	U	0.18	U	0.19	U
7440-62-2	Vanadium	1.1	J	2.7	J	2.3	J	3.3	J	0.6	J	0.73	J
7440-66-6	Zinc	59.6	J	64.2	J	29.5	J	74.1	J	28.1	J	18.8	
57-12-5	Cyanide (CN)	0.12	UJ	0.6	U	0.59	U	0.68	U	0.6	U	0.61	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	041-M-0606-01		041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950950-21		950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/16/95		11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	12/20/95		12/10/95		12/10/95		12/10/95		12/20/95		12/20/95	
	DATE ANALYZED --->	12/27/95		12/11/95		12/11/95		12/11/95		12/27/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	5A0101	VAL	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
7429-90-5	Aluminum	3990.		5980.		618.		562.		582.		482.	
7440-36-0	Antimony	0.32	J	0.25	U	0.12	UJ	0.13	UJ	0.64	U	0.62	UJ
7440-38-2	Arsenic	1.4		2.1		0.14	J	0.47	J	0.33	J	0.3	J
7440-39-3	Barium	14.6	J	22.8	J	1.	J	1.2	J	1.3	J	1.3	J
7440-41-7	Beryllium	0.1	U	0.13	U	0.06	U	0.07	U	0.06	U	0.06	U
7440-43-9	Cadmium	0.76		5.4		0.19	J	0.24	J	0.77		0.72	
7440-70-2	Calcium	1900.		2330.		1700.		62.5	J	332.		1700.	
7440-47-3	Chromium	7.5		73.5		19.6		15.6		22.6		22.4	
7440-48-4	Cobalt	0.29	UJ	2.5	J	0.18	J	0.2	U	0.19	UJ	0.19	UJ
7440-50-8	Copper	19.		48.2		0.97	J	2.9		2.4	U	4.	
7439-89-6	Iron	3640.		4320.		410.		384.		517.		1200.	
7439-92-1	Lead	49.1		147.		6.6		10.8		7.1		6.	
7439-95-4	Magnesium	224.	J	279.	J	178.	J	27.3	J	151.	J	558.	
7439-96-5	Manganese	17.9		35.2		1.9		1.2		3.4		7.4	
7439-97-6	Mercury	0.08	U	0.11	J	0.05	U	0.06	U	0.05	U	0.05	U
7440-02-0	Nickel	1.3	J	4.2	J	0.69	U	0.79	U	0.77	U	0.96	J
7440-09-7	Potassium	78.1	J	161.	J	12.5	J	18.7	J	14.5	J	19.4	J
7782-49-2	Selenium	0.29	U	0.85		0.17	U	0.2	U	0.19	U	0.19	U
7440-22-4	Silver	0.39	U	0.89	J	0.23	U	0.26	U	0.26	U	0.25	U
7440-23-5	Sodium	4.9	J	64.2	J	9.5	J	13.	J	2.5	U	6.6	J
7440-28-0	Thallium	0.29	U	0.68	J	0.17	U	0.2	U	0.19	U	0.19	U
7440-62-2	Vanadium	7.5		11.3		1.2	J	0.98	J	1.2	J	1.	J
7440-66-6	Zinc	75.7		207.		3.8	U	9.7		16.4		18.3	
57-12-5	Cyanide (CN)	0.95	U	1.3	U	0.6	U	0.66	U	0.6	U	0.61	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

PEST																	
	SAMPLE ID ------->	010-M-0001-01		041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01	
	ORIGINAL ID ----->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
	LAB SAMPLE ID --->	39496-34		950941-01		950941-02		950941-03		950941-04		950950-20	
	ID FROM REPORT -->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
	SAMPLE DATE ----->			11/15/95		11/15/95		11/15/95		11/15/95		11/16/95	
	DATE EXTRACTED -->	03/07/94		11/18/95		11/18/95		11/18/95		11/22/95		11/21/95	
	DATE ANALYZED --->	03/12/94		12/17/95		12/19/95		12/17/95		12/17/95		12/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT520	VAL	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL
319-84-6	alpha-BHC	2.2	UJ	0.98	U	0.48	J	0.37	U	0.51	U	0.17	U
319-85-7	beta-BHC	2.2	UJ	0.98	U	0.16	J	2.8	J	0.51	U	0.1	U
319-86-8	delta-BHC	2.2	UJ	0.98	U	0.1	UJ	0.37	U	0.51	U	0.1	U
58-89-9	gamma-BHC (Lindane)	2.2	UJ	0.98	U	0.1	UJ	0.37	U	0.51	U	0.1	U
76-44-8	Heptachlor	2.2	UJ	0.98	U	0.1	UJ	0.37	U	0.51	U	0.1	U
309-00-2	Aldrin	2.2	UJ	0.98	U	0.23	J	0.53	J	0.51	U	0.1	U
1024-57-3	Heptachlor epoxide	2.2	UJ	0.98	U	0.1	UJ	0.37	U	0.51	U	0.1	U
959-98-8	Endosulfan I	2.2	UJ	2.	U	0.21	UJ	0.77	U	1.	U	0.1	U
60-57-1	Dieldrin	4.2	UJ	2.1	J	0.21	UJ	4.	J	1.	U	0.6	J
72-55-9	4,4'-DDE	29.	J	110.	D	2.8	J	33.	DJ	4.3		2.8	J
72-20-8	Endrin	4.2	UJ	2.1	J	0.21	UJ	2.5	J	1.	U	0.2	U
33213-65-9	Endosulfan II	4.2	UJ	2.	U	0.21	UJ	0.77	U	1.	U	0.2	U
72-54-8	4,4'-DDD	37.	J	23.	J	3.1	J	40.	DJ	2.3	J	2.2	
1031-07-8	Endosulfan sulfate	4.2	UJ	2.	U	0.21	UJ	0.77	U	1.	U	0.2	U
50-29-3	4,4'-DDT	11.	J	260.	DJ	0.35	J	52.	D	2.	J	2.2	
72-43-5	Methoxychlor	22.	UJ	9.8	U	1.	UJ	3.7	U	5.1	U	1.	U
53494-70-5	Endrin ketone	4.2	UJ	2.	U	0.21	UJ	0.77	U	1.	U	0.2	U
7421-93-4	Endrin aldehyde	4.2	UJ	2.	U	0.21	UJ	0.77	U	1.	U	0.2	U
5103-71-9	alpha-Chlordane	2.2	UJ	0.98	U	0.23	J	1.7	J	0.51	U	0.1	U
5103-74-2	gamma-Chlordane	2.2	UJ	0.98	U	0.2	J	0.8	J	0.51	U	0.1	U
8001-35-2	Toxaphene	220.	UJ	200.	U	21.	UJ	77.	UR	100.	U	20.	U
12674-11-2	Aroclor-1016	42.	UJ	39.	U	4.1	UJ	15.	U	20.	U	2.	U
11104-28-2	Aroclor-1221	86.	UJ	79.	U	8.3	UJ	30.	U	41.	U	4.	U
11141-16-5	Aroclor-1232	42.	UJ	39.	U	4.1	UJ	15.	U	20.	U	2.	U
53469-21-9	Aroclor-1242	42.	UJ	39.	U	4.1	UJ	15.	U	20.	U	2.	U
12672-29-6	Aroclor-1248	42.	UJ	39.	U	4.1	UJ	15.	U	20.	U	2.	U
11097-69-1	Aroclor-1254	42.	UJ	39.	U	9.5	J	15.	U	20.	U	2.	U
11096-82-5	Aroclor-1260	42.	UJ	39.	U	4.1	UJ	15.	U	20.	U	2.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-0606-01		041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950950-21		950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/16/95		11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	11/21/95		12/06/95		11/18/95		11/18/95		11/21/95		11/21/95	
	DATE ANALYZED --->	12/17/95		12/13/95		12/05/95		12/05/95		12/17/95		12/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
319-84-6	alpha-BHC	0.31	U	0.73	UJ	0.6	J	0.11	U	0.37	U	0.1	U
319-85-7	beta-BHC	0.12	U	1.5	J	0.1	U	0.11	U	0.1	U	0.1	U
319-86-8	delta-BHC	0.12	U	0.73	U	0.1	UJ	0.11	U	0.1	U	0.1	U
58-89-9	gamma-BHC (Lindane)	0.12	U	0.73	UJ	0.1	U	0.11	U	0.1	U	0.1	U
76-44-8	Heptachlor	0.12	U	0.73	UJ	0.1	U	0.11	U	0.16	J	0.1	U
309-00-2	Aldrin	0.55	J	1.1	J	0.54		0.11	U	0.1	U	0.1	U
1024-57-3	Heptachlor epoxide	0.12	U	0.73	UJ	0.1	U	0.11	U	0.1	U	0.1	U
959-98-8	Endosulfan I	0.12	U	1.5	UJ	0.21	U	0.22	U	0.1	U	0.1	U
60-57-1	Dieldrin	4.7		10.	J	5.6		0.22	U	0.24	J	0.3	J
72-55-9	4,4'-DDE	8.	D	34.	J	8.4	D	0.22	U	0.23		0.29	
72-20-8	Endrin	0.24	U	3.6	J	1.8	J	0.22	U	0.21	U	0.2	U
33213-65-9	Endosulfan II	0.24	U	1.5	UJ	0.21	U	0.22	U	0.21	U	0.2	U
72-54-8	4,4'-DDD	8.3	D	22.	J	6.4	D	0.25	J	0.22	J	0.21	J
1031-07-8	Endosulfan sulfate	0.24	U	1.5	UJ	0.21	U	0.22	U	0.21	U	0.2	U
50-29-3	4,4'-DDT	4.8	J	11.	J	4.5	J	0.74		0.22		0.2	U
72-43-5	Methoxychlor	1.2	U	7.3	UJ	1.	U	1.1	U	1.	U	1.	U
53494-70-5	Endrin ketone	0.24	U	1.5	UJ	0.21	U	0.22	U	0.21	U	0.2	U
7421-93-4	Endrin aldehyde	0.24	U	1.5	UJ	0.48	J	0.22	U	0.21	U	0.2	U
5103-71-9	alpha-Chlordane	0.25	J	1.5	J	1.2		0.15	J	0.1	U	0.1	U
5103-74-2	gamma-Chlordane	0.19	J	1.2	J	0.44	J	0.11	U	0.29	J	0.1	U
8001-35-2	Toxaphene	25.	U	150.	UJ	21.	U	22.	U	21.	U	20.	U
12674-11-2	Aroclor-1016	2.4	U	29.	UJ	4.	U	4.2	U	2.1	U	2.	U
11104-28-2	Aroclor-1221	4.8	U	59.	UJ	8.1	U	8.6	U	4.	U	4.	U
11141-16-5	Aroclor-1232	2.4	U	29.	UJ	4.	U	4.2	U	2.1	U	2.	U
53469-21-9	Aroclor-1242	2.4	U	29.	UJ	4.	U	4.2	U	2.1	U	2.	U
12672-29-6	Aroclor-1248	2.4	U	29.	UJ	4.	U	4.2	U	2.1	U	2.	U
11097-69-1	Aroclor-1254	2.4	U	29.	UJ	4.	U	4.2	U	2.1	U	2.	U
11096-82-5	Aroclor-1260	4.1	J	29.	UJ	4.	U	4.2	U	0.82	J	3.8	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

SVOA															
	SAMPLE ID ------->	010-M-0001-01		041-M-0601-01		041-M-0602-01		041-M-0604-01		041-M-0605-01		041-M-0606-01	
	ORIGINAL ID ----->	10M0101		041M060101		041M060201		041M060401		041M060501		041M060601	
	LAB SAMPLE ID --->	39496-34		950941-01		950941-02		950941-04		950950-20		950950-21	
	ID FROM REPORT -->	10M0101		041M060101		041M060201		041M060401		041M060501		041M060601	
	SAMPLE DATE ----->			11/15/95		11/15/95		11/15/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	03/08/94		11/18/95		11/18/95		11/18/95		11/21/95		11/21/95	
	DATE ANALYZED --->	03/10/94		11/27/95		11/26/95		11/28/95		12/06/95		12/03/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT520	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL
108-95-2	Phenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
111-44-4	bis(2-Chloroethyl)ether	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
95-57-8	2-Chlorophenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
541-73-1	1,3-Dichlorobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
106-46-7	1,4-Dichlorobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
95-50-1	1,2-Dichlorobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
95-48-7	2-Methylphenol (o-Cresol)	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	420.	UJ	390.	UR	410.	UJ	410.	UR	400.	U	480.	U
106-44-5	4-Methylphenol (p-Cresol)	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
621-64-7	N-Nitroso-di-n-propylamine	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
67-72-1	Hexachloroethane	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
98-95-3	Nitrobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
78-59-1	Isophorone	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
88-75-5	2-Nitrophenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
105-67-9	2,4-Dimethylphenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
111-91-1	bis(2-Chloroethoxy)methane	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
120-83-2	2,4-Dichlorophenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
120-82-1	1,2,4-Trichlorobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
91-20-3	Naphthalene	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
106-47-8	4-Chloroaniline	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
87-68-3	Hexachlorobutadiene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
59-50-7	4-Chloro-3-methylphenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
91-57-6	2-Methylnaphthalene	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
77-47-4	Hexachlorocyclopentadiene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
88-06-2	2,4,6-Trichlorophenol	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
95-95-4	2,4,5-Trichlorophenol	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
91-58-7	2-Chloronaphthalene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
88-74-4	2-Nitroaniline	1000.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
131-11-3	Dimethylphthalate	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
208-96-8	Acenaphthylene	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
606-20-2	2,6-Dinitrotoluene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
99-09-2	3-Nitroaniline	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
83-32-9	Acenaphthene	420.	UJ	19.	U	20.	U	34.		19.	U	23.	U
51-28-5	2,4-Dinitrophenol	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
100-02-7	4-Nitrophenol	1000.	UJ	950.	U	990.	UJ	980.	U	960.	U	1200.	U
132-64-9	Dibenzofuran	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	010-M-0001-01		041-M-0601-01		041-M-0602-01		041-M-0604-01		041-M-0605-01		041-M-0606-01	
	ORIGINAL ID ----->	10M0101		041M060101		041M060201		041M060401		041M060501		041M060601	
	LAB SAMPLE ID --->	39496-34		950941-01		950941-02		950941-04		950950-20		950950-21	
	ID FROM REPORT -->	10M0101		041M060101		041M060201		041M060401		041M060501		041M060601	
	SAMPLE DATE ----->			11/15/95		11/15/95		11/15/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	03/08/94		11/18/95		11/18/95		11/18/95		11/21/95		11/21/95	
	DATE ANALYZED --->	03/10/94		11/27/95		11/26/95		11/28/95		12/06/95		12/03/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CT520	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL
121-14-2	2,4-Dinitrotoluene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
84-66-2	Diethylphthalate	420.	UJ	390.	U	410.	U	23.	J	400.	U	480.	U
7005-72-3	4-Chlorophenylphenyl ether	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
86-73-7	Fluorene	420.	UJ	19.	U	20.	U	20.	U	19.	U	23.	U
100-01-6	4-Nitroaniline	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
86-30-6	N-Nitrosodiphenylamine	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
101-55-3	4-Bromophenyl-phenylether	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
118-74-1	Hexachlorobenzene	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
87-86-5	Pentachlorophenol	1000.	UJ	950.	U	990.	U	980.	U	960.	U	1200.	U
85-01-8	Phenanthrene	420.	UJ	51.		37.	J	41.	U	40.	U	48.	U
120-12-7	Anthracene	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
86-74-8	Carbazole	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
84-74-2	Di-n-butylphthalate	420.	UJ	29.	J	99.	J	56.	J	400.	U	480.	U
206-44-0	Fluoranthene	420.	UJ	88.		120.		42.		40.	U	67.	
129-00-0	Pyrene	420.	UJ	73.		100.		52.		40.	U	69.	
85-68-7	Butylbenzylphthalate	420.	UJ	24.	J	410.	U	30.	J	400.	U	27.	J
91-94-1	3,3'-Dichlorobenzidine	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
56-55-3	Benzo(a)anthracene	420.	UJ	34.	J	43.		41.	U	40.	U	40.	J
218-01-9	Chrysene	420.	UJ	55.		45.		21.	J	40.	U	48.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	420.	UJ	390.	U	410.	U	410.	U	400.	U	480.	U
117-84-0	Di-n-octylphthalate	420.	UJ	390.	U	410.	U	410.	U	400.	U	84.	J
205-99-2	Benzo(b)fluoranthene	420.	UJ	54.		66.		27.	J	40.	U	52.	
207-08-9	Benzo(k)fluoranthene	420.	UJ	21.	J	24.	J	41.	U	40.	U	48.	U
50-32-8	Benzo(a)pyrene	420.	UJ	33.	J	42.		41.	U	40.	U	32.	J
193-39-5	Indeno(1,2,3-cd)pyrene	420.	UJ	28.	J	27.	J	41.	U	40.	U	48.	U
53-70-3	Dibenz(a,h)anthracene	420.	UJ	39.	U	41.	U	41.	U	40.	U	48.	U
191-24-2	Benzo(g,h,i)perylene	420.	UJ	32.	J	29.	J	41.	U	40.	U	48.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	11/18/95		11/18/95		11/30/95		11/21/95		11/21/95	
	DATE ANALYZED --->	11/29/95		12/04/95		12/06/95		12/02/95		12/02/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
108-95-2	Phenol	5900.	U	400.	U	420.	U	400.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	590.	U	40.	U	42.	U	40.	U	40.	U
95-57-8	2-Chlorophenol	5900.	U	400.	U	420.	U	400.	U	400.	U
541-73-1	1,3-Dichlorobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
106-46-7	1,4-Dichlorobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
95-50-1	1,2-Dichlorobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	5900.	U	400.	U	420.	U	400.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5900.	U	400.	UR	420.	U	400.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	5900.	U	400.	U	420.	U	400.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	590.	U	40.	U	42.	U	40.	U	40.	U
67-72-1	Hexachloroethane	5900.	U	400.	U	420.	U	400.	U	400.	U
98-95-3	Nitrobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
78-59-1	Isophorone	5900.	U	400.	U	420.	U	400.	U	400.	U
88-75-5	2-Nitrophenol	5900.	U	400.	U	420.	U	400.	U	400.	U
105-67-9	2,4-Dimethylphenol	5900.	U	400.	U	420.	U	400.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	5900.	U	400.	U	420.	U	400.	U	400.	U
120-83-2	2,4-Dichlorophenol	5900.	U	400.	U	420.	U	400.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
91-20-3	Naphthalene	590.	U	40.	U	42.	U	40.	U	40.	U
106-47-8	4-Chloroaniline	5900.	U	400.	UJ	420.	U	400.	U	400.	U
87-68-3	Hexachlorobutadiene	5900.	U	400.	U	420.	U	400.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	5900.	U	400.	U	420.	U	400.	U	400.	U
91-57-6	2-Methylnaphthalene	590.	U	40.	U	42.	U	40.	U	40.	U
77-47-4	Hexachlorocyclopentadiene	5900.	U	400.	U	420.	U	400.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	5900.	U	400.	U	420.	U	400.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	14000.	U	970.	U	1000.	U	970.	U	960.	U
91-58-7	2-Chloronaphthalene	5900.	U	400.	U	420.	U	400.	U	400.	U
88-74-4	2-Nitroaniline	5900.	U	400.	U	420.	U	400.	U	400.	U
131-11-3	Dimethylphthalate	5900.	U	400.	U	420.	U	400.	U	400.	U
208-96-8	Acenaphthylene	590.	U	40.	U	42.	U	40.	U	40.	U
606-20-2	2,6-Dinitrotoluene	5900.	U	400.	U	420.	U	400.	U	400.	U
99-09-2	3-Nitroaniline	14000.	U	970.	UR	1000.	U	970.	U	960.	U
83-32-9	Acenaphthene	290.	U	19.	U	20.	U	19.	U	19.	U
51-28-5	2,4-Dinitrophenol	14000.	U	970.	U	1000.	U	970.	U	960.	U
100-02-7	4-Nitrophenol	14000.	U	970.	U	1000.	U	970.	U	960.	U
132-64-9	Dibenzofuran	5900.	U	400.	U	420.	U	400.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	11/18/95		11/18/95		11/30/95		11/21/95		11/21/95	
	DATE ANALYZED --->	11/29/95		12/04/95		12/06/95		12/02/95		12/02/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
121-14-2	2,4-Dinitrotoluene	5900.	U	400.	U	420.	U	400.	U	400.	U
84-66-2	Diethylphthalate	5900.	U	400.	U	420.	U	400.	U	400.	U
7005-72-3	4-Chlorophenylphenyl ether	5900.	U	400.	U	420.	U	400.	U	400.	U
86-73-7	Fluorene	290.	U	19.	U	20.	U	19.	U	19.	U
100-01-6	4-Nitroaniline	14000.	U	970.	UJ	1000.	U	970.	U	960.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	14000.	U	970.	U	1000.	U	970.	U	960.	U
86-30-6	N-Nitrosodiphenylamine	5900.	U	400.	U	420.	U	400.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	5900.	U	400.	U	420.	U	400.	U	400.	U
118-74-1	Hexachlorobenzene	5900.	U	400.	U	420.	U	400.	U	400.	U
87-86-5	Pentachlorophenol	14000.	U	970.	U	1000.	U	970.	U	960.	U
85-01-8	Phenanthrene	590.	U	40.	U	42.	U	40.	U	40.	U
120-12-7	Anthracene	590.	U	40.	U	42.	U	400.	U	40.	U
86-74-8	Carbazole	5900.	U	400.	UJ	420.	U	400.	U	400.	U
84-74-2	Di-n-butylphthalate	5900.	U	400.	U	45.	J	400.	U	400.	U
206-44-0	Fluoranthene	590.	U	40.	U	42.	U	40.	U	40.	U
129-00-0	Pyrene	590.	U	40.	U	42.	U	40.	U	40.	U
85-68-7	Butylbenzylphthalate	5900.	U	24.	J	24.	J	22.	J	400.	U
91-94-1	3,3'-Dichlorobenzidine	5900.	U	400.	U	420.	U	400.	U	400.	U
56-55-3	Benzo(a)anthracene	590.	U	40.	U	42.	U	40.	U	40.	U
218-01-9	Chrysene	300.	J	40.	U	42.	U	40.	U	40.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5900.	U	830.	U	420.	U	400.	U	570.	U
117-84-0	Di-n-octylphthalate	5900.	UJ	400.	U	420.	U	400.	U	400.	U
205-99-2	Benzo(b)fluoranthene	340.	J	40.	U	42.	U	40.	U	40.	U
207-08-9	Benzo(k)fluoranthene	590.	UJ	40.	U	42.	U	40.	U	40.	U
50-32-8	Benzo(a)pyrene	590.	UJ	40.	U	42.	U	40.	U	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	590.	UJ	40.	U	42.	U	40.	U	40.	U
53-70-3	Dibenz(a,h)anthracene	590.	UJ	40.	U	42.	U	40.	U	40.	U
191-24-2	Benzo(g,h,i)perylene	590.	UJ	40.	U	42.	U	40.	U	40.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

TOC													
	SAMPLE ID ------->	041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01		041-M-0606-01	
	ORIGINAL ID ----->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	LAB SAMPLE ID --->	950941-01		950941-02		950941-03		950941-04		950950-20		950950-21	
	ID FROM REPORT -->	041M060101		041M060201		041M060301		041M060401		041M060501		041M060601	
	SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95		11/15/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	11/28/95		11/28/95		11/28/95		11/28/95		12/01/95		12/01/95	
	DATE ANALYZED --->	11/28/95		11/28/95		11/28/95		11/28/95		12/01/95		12/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL
9999900-01-4	Total Organic Carbon (TOC)	3620.		3780.		11000.		1210.		2040.		13000.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

TOC											
	SAMPLE ID ------->	041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE EXTRACTED -->	11/27/95		11/27/95		11/27/95		12/01/95		12/01/95	
	DATE ANALYZED --->	11/27/95		11/27/95		11/27/95		12/01/95		12/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
9999900-01-4	Total Organic Carbon (TOC)	40300.		1480.		2650.		1590.		1370.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

VOA													
		SAMPLE ID ------->	010-M-0001-01		041-M-0601-01		041-M-0602-01		041-M-0603-01		041-M-0604-01		041-M-0605-01	
		ORIGINAL ID ----->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
		LAB SAMPLE ID --->	39496-17		950941-01		950941-02		950941-03		950941-04		950950-20	
		ID FROM REPORT -->	10M0101		041M060101		041M060201		041M060301		041M060401		041M060501	
		SAMPLE DATE ----->			11/15/95		11/15/95		11/15/95		11/15/95		11/16/95	
		DATE ANALYZED --->	03/11/94		11/24/95		11/20/95		11/20/95		11/21/95		11/25/95	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		CT520	VAL	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	5A0101	VAL
74-87-3	Chloromethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
74-83-9	Bromomethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-01-4	Vinyl chloride		13.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-09-2	Methylene chloride		13.	U	21.	U	12.	U	18.	U	45.	U	12.	U
67-64-1	Acetone		150.	U	12.	U	210.		100.		12.	U	13.	
75-15-0	Carbon disulfide		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-34-3	1,1-Dichloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
67-66-3	Chloroform		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
56-23-5	Carbon tetrachloride		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-27-4	Bromodichloromethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
79-01-6	Trichloroethene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
124-48-1	Dibromochloromethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
71-43-2	Benzene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
75-25-2	Bromoform		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
591-78-6	2-Hexanone		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
127-18-4	Tetrachloroethene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
108-88-3	Toluene		13.	U	12.	U	12.	U	14.	J	12.	U	12.	U
108-90-7	Chlorobenzene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
100-41-4	Ethylbenzene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
100-42-5	Styrene		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U
1330-20-7	Xylene (Total)		13.	U	12.	U	12.	U	14.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	041-M-0606-01		041-M-0607-01		041-M-0608-01		041-M-0609-01		041-M-0610-01		041-M-0611-01	
	ORIGINAL ID ----->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	LAB SAMPLE ID --->	950950-21		950940-01		950940-02		950940-03		950950-22		950950-23	
	ID FROM REPORT -->	041M060601		041M060701		041M060801		041M060901		041M061001		041M061101	
	SAMPLE DATE ----->	11/16/95		11/14/95		11/14/95		11/14/95		11/16/95		11/16/95	
	DATE ANALYZED --->	11/25/95		11/21/95		11/21/95		11/20/95		11/26/95		11/25/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	M06070	VAL	M06070	VAL	M06070	VAL	5A0101	VAL	5A0101	VAL
74-87-3	Chloromethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
74-83-9	Bromomethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
75-01-4	Vinyl chloride	5.	U	12.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	15.	U	40.	U	12.	U	2.	J	12.	U	12.	U
75-09-2	Methylene chloride	15.	U	78.	U	12.	U	16.	U	14.	U	32.	U
67-64-1	Acetone	54.		190.	U	4000.		570.	UR	40.		790.	D
75-15-0	Carbon disulfide	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
75-35-4	1,1-Dichloroethene	15.	U	40.	U	12.	U	8.	J	12.	U	12.	U
75-34-3	1,1-Dichloroethane	15.	U	40.	U	12.	U	9.	J	12.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
67-66-3	Chloroform	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
107-06-2	1,2-Dichloroethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
78-93-3	2-Butanone (MEK)	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
71-55-6	1,1,1-Trichloroethane	15.	U	40.	U	12.	U	4.	J	12.	U	12.	U
56-23-5	Carbon tetrachloride	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
75-27-4	Bromodichloromethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
78-87-5	1,2-Dichloropropane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
79-01-6	Trichloroethene	15.	U	5.	J	12.	U	2.	J	12.	U	3.	J
124-48-1	Dibromochloromethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
79-00-5	1,1,2-Trichloroethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
71-43-2	Benzene	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
75-25-2	Bromoform	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
591-78-6	2-Hexanone	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
127-18-4	Tetrachloroethene	15.	U	40.	U	12.	U	2.	J	12.	U	4.	J
79-34-5	1,1,2,2-Tetrachloroethane	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
108-88-3	Toluene	15.	U	6.	J	12.	U	4.	J	12.	U	12.	U
108-90-7	Chlorobenzene	15.	U	40.	U	12.	U	2.	J	12.	U	12.	U
100-41-4	Ethylbenzene	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
100-42-5	Styrene	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U
1330-20-7	Xylene (Total)	15.	U	40.	U	12.	U	12.	U	12.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-10A1-01	041-M-10A1-01	041-M-10A2-01	041-M-10A3-01		
	ORIGINAL ID ----->	041M10A101	041M10A101	041M10A201	041M10A301		
	LAB SAMPLE ID --->	960183-04	950983-14	950983-08	950979-01		
	ID FROM REPORT -->	041M10A101	041M10A101	041M10A201	041M10A301		
	SAMPLE DATE ----->	11/28/95	11/28/95	11/28/95	11/27/95		
	DATE EXTRACTED -->	03/27/96	01/05/96	01/05/96	01/04/96		
	DATE ANALYZED --->	04/11/96	01/05/96	01/05/96	01/05/96		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	%	%	%	%		
CAS #	Parameter	Z30201 VAL	Z53301 VAL	Z53301 VAL	041M10 VAL		
9999000-58-8	Percent Solids	83.8	61.9	83.4	82.6		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-10A1-01		041-M-10A1-01		041-M-10A2-01		041-M-10A3-01			
	ORIGINAL ID ----->	041M10A101		041M10A101		041M10A201		041M10A301			
	LAB SAMPLE ID --->	GTX-1022-04		GTX-928-03		GTX-928-01		GTX-927-01			
	ID FROM REPORT -->	041M10A101		041M10A101		041M10A201		041M10A301			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	04/18/96		12/01/95		12/01/95		11/27/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	Z30201	VAL	Z53301	VAL	Z53301	VAL	041M10	VAL		
9999900-32-7	Seive Size #10	100.	NA	99.	NA	98.	SP	99.	SP		
9999900-32-8	Seive Size #20	99.	NA	98.	NA	97.	SP	97.	SP		
9999900-32-9	Seive Size #40	86.	NA	83.	NA	82.	SP	73.	SP		
9999900-33-1	Seive Size #100	11.	NA	9.	NA	8.	SP	10.	SP		
9999900-33-0	Seive Size #60	37.	NA	35.	NA	33.	SP	26.	SP		
9999900-33-2	Seive Size #200	7.	NA	5.	NA	5.	SP	5.	SP		
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	SP	0.	SP		
9999900-32-5	Seive Size 0.375"	NR		NR		100.	SP	NR			
9999900-32-6	Seive Size #4	100.	NA	100.	NA	99.	SP	100.	SP		
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

HF METALS

SAMPLE ID ------->	041-M-10A1-01
ORIGINAL ID ----->	041M10A101
LAB SAMPLE ID --->	960183-04
ID FROM REPORT -->	041M10A101
SAMPLE DATE ----->	11/28/95
DATE EXTRACTED -->	03/27/96
DATE ANALYZED --->	04/11/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	Z30201	VAL
7429-90-5	Aluminum	4530.	J
7440-36-0	Antimony	6.7	U
7440-38-2	Arsenic	1.4	UJ
7440-39-3	Barium	7.9	U
7440-41-7	Beryllium	0.15	UJ
7440-43-9	Cadmium	0.29	UJ
7440-70-2	Calcium	186.	J
7440-47-3	Chromium	3.9	U
7440-48-4	Cobalt	0.92	UJ
7440-50-8	Copper	2.4	J
7439-89-6	Iron	2440.	J
7439-92-1	Lead	7.4	J
7439-95-4	Magnesium	69.7	J
7439-96-5	Manganese	21.9	J
7440-02-0	Nickel	1.5	J
7440-09-7	Potassium	165.	J
7782-49-2	Selenium	0.58	UJ
7440-22-4	Silver	0.73	UR
7440-23-5	Sodium	30.5	UJ
7440-28-0	Thallium	0.58	UR
7440-62-2	Vanadium	8.	
7440-66-6	Zinc	7.2	J
7439-97-6	Mercury	0.03	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	033-M-0010-01		033-M-0020-01		033-M-0030-01		033-M-0040-01		041-M-10A1-01		041-M-10A2-01	
	ORIGINAL ID ----->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	LAB SAMPLE ID --->	533365		533371		533348		533360		950983-14		950983-08	
	ID FROM REPORT -->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	SAMPLE DATE ----->	01/19/93		01/19/93		01/19/93		01/19/93		11/28/95		11/28/95	
	DATE EXTRACTED -->									01/05/96		01/05/96	
	DATE ANALYZED --->									01/05/96		01/05/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	652605	VAL	652605	VAL	652605	VAL	652605	VAL	Z53301	VAL	Z53301	VAL
7429-90-5	Aluminum	2660.		2340.		1100.		4150.		3490.		8910.	
7440-36-0	Antimony	15.2	U	15.1	U	14.5	U	14.8	U	0.19	UJ	0.41	UJ
7440-38-2	Arsenic	1.3	J	0.82	J	1.	U	6.2		1.2		3.6	
7440-39-3	Barium	5.3	J	8.	J	1.6	J	15.1	J	3.5	J	3.5	J
7440-41-7	Beryllium	0.8	U	0.79	U	0.76	U	0.78	U	0.09	U	0.06	U
7440-43-9	Cadmium	1.3	U	2.8		1.3	U	34.6		0.26	U	0.27	J
7440-70-2	Calcium	1260.	J	250.	J	155.	J	2760.		260.	J	1200.	J
7440-47-3	Chromium	18.5		79.		9.3		1180.		4.9		10.1	
7440-48-4	Cobalt	3.2	U	3.2	U	3.1	U	3.1	U	0.26	U	3.9	
7440-50-8	Copper	6.6	U	9.3		6.4	U	45.1		2.4		5.2	
7439-89-6	Iron	1210.		1010.		710.		1210.		2570.		7420.	
7439-92-1	Lead	6.5		5.3		5.7		161.		8.2		8.5	
7439-95-4	Magnesium	223.	J	242.	J	140.	U	143.	U	46.2	J	50.	J
7439-96-5	Manganese	16.1		5.8		4.1		27.1		20.6		135.	
7439-97-6	Mercury	0.13	U	0.13	U	0.13	U	0.13	U	0.07	U	0.05	U
7440-02-0	Nickel	10.1	U	10.1	U	9.7	U	52.1		1.6	J	1.	J
7440-09-7	Potassium	1050.	U	1050.	U	1010.	U	1030.	U	38.1	J	21.6	J
7782-49-2	Selenium	1.1	U	1.1	U	1.	U	1.	U	0.26	U	0.18	U
7440-22-4	Silver	2.7	U	3.	U	2.7	U	3.6	U	0.34	UJ	0.32	J
7440-23-5	Sodium	122.	J	482.	J	137.	J	156.	J	3.3	UJ	2.4	UJ
7440-28-0	Thallium	0.53	U	0.79	U	0.76	U	0.78	U	0.26	UJ	0.18	UJ
7440-62-2	Vanadium	4.	U	4.	U	3.8	U	3.9	U	6.9		16.4	
7440-66-6	Zinc	38.2		22.3		8.		115.		6.7		8.	
57-12-5	Cyanide (CN)	0.66	U	0.66	U	0.64	U	0.65	U	0.8	U	0.59	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

METAL

SAMPLE ID ------->	041-M-10A3-01
ORIGINAL ID ----->	041M10A301
LAB SAMPLE ID --->	950979-01
ID FROM REPORT -->	041M10A301
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	01/04/96
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	041M10	VAL
7429-90-5	Aluminum	3350.	
7440-36-0	Antimony	0.19	J
7440-38-2	Arsenic	1.7	
7440-39-3	Barium	7.	J
7440-41-7	Beryllium	0.06	U
7440-43-9	Cadmium	1.7	
7440-70-2	Calcium	3880.	J
7440-47-3	Chromium	11.6	
7440-48-4	Cobalt	0.19	U
7440-50-8	Copper	7.4	
7439-89-6	Iron	1750.	
7439-92-1	Lead	49.9	J
7439-95-4	Magnesium	66.8	J
7439-96-5	Manganese	7.8	
7439-97-6	Mercury	0.05	U
7440-02-0	Nickel	1.5	J
7440-09-7	Potassium	19.5	J
7782-49-2	Selenium	0.2	J
7440-22-4	Silver	0.25	UJ
7440-23-5	Sodium	35.2	J
7440-28-0	Thallium	1.5	J
7440-62-2	Vanadium	4.6	
7440-66-6	Zinc	39.6	
57-12-5	Cyanide (CN)	0.6	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	033-M-0010-01		033-M-0020-01		033-M-0030-01		033-M-0040-01		041-M-10A1-01		041-M-10A2-01	
	ORIGINAL ID ----->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	LAB SAMPLE ID --->	533364		533370		533344		533359		950983-14		950983-08	
	ID FROM REPORT -->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	SAMPLE DATE ----->	01/19/93		01/19/93		01/19/93		01/19/93		11/28/95		11/28/95	
	DATE EXTRACTED -->									11/30/95		11/30/95	
	DATE ANALYZED --->	01/30/93		01/30/93		01/30/93		01/30/93		01/11/96		01/11/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	578	VAL	578	VAL	578	VAL	578	VAL	Z53301	VAL	Z53301	VAL
319-84-6	alpha-BHC	2.3	U	2.2	U	2.1	U	2.2	U	0.1	U	0.1	U
319-85-7	beta-BHC	2.3	U	2.2	U	2.1	U	2.2	U	0.1	U	0.1	U
319-86-8	delta-BHC	0.88	J	0.42	J	0.38	J	2.2	U	0.1	U	0.1	U
58-89-9	gamma-BHC (Lindane)	0.074	J	0.12	J	2.1	U	2.2	U	0.1	U	0.1	U
76-44-8	Heptachlor	0.11	J	0.12	J	0.23	J	0.099	J	0.1	U	0.1	U
309-00-2	Aldrin	2.3	U	0.12	J	0.078	J	2.2	U	0.1	U	0.1	U
1024-57-3	Heptachlor epoxide	0.84	J	0.1	J	2.1	U	2.2	U	0.1	U	0.12	J
959-98-8	Endosulfan I	2.3	U	0.21	J	0.15	J	0.13	J	0.21	U	0.21	U
60-57-1	Dieldrin	4.4	U	4.3	U	4.2	U	0.39	J	0.21	U	0.21	U
72-55-9	4,4'-DDE	21.	J	54.	J	96.	J	18.	J	0.21	U	0.25	J
72-20-8	Endrin	4.4	U	4.3	U	2.3	J	0.41	J	0.21	U	0.21	U
33213-65-9	Endosulfan II	4.4	U	4.3	U	4.2	U	4.3	U	0.21	U	0.21	U
72-54-8	4,4'-DDD	37.	J	36.		120.	J	25.	J	0.21	U	0.21	U
1031-07-8	Endosulfan sulfate	4.4	U	4.3	U	4.2	U	4.3	U	0.21	U	0.21	U
50-29-3	4,4'-DDT	6.2	J	8.8	J	48.	J	7.8		0.21	UJ	0.53	J
72-43-5	Methoxychlor	23.	U	22.	U	21.	U	22.	U	1.	U	1.	U
53494-70-5	Endrin ketone	4.4	U	4.3	U	4.2	U	4.3	U	0.21	U	0.21	U
7421-93-4	Endrin aldehyde	4.4	U	4.3	U	4.2	U	0.53	J	0.21	U	0.21	U
5103-71-9	alpha-Chlordane	0.96	J	0.26	J	0.21	J	0.13	J	0.19	J	0.1	U
5103-74-2	gamma-Chlordane	0.82	J	0.52	J	2.1	U	0.27	J	0.1	U	0.1	U
8001-35-2	Toxaphene	230.	U	220.	U	210.	U	220.	U	10.	U	10.	U
12674-11-2	Aroclor-1016	44.	U	43.	U	42.	U	43.	U	2.1	U	2.1	U
11104-28-2	Aroclor-1221	89.	U	87.	U	85.	U	86.	U	4.1	U	4.	U
11141-16-5	Aroclor-1232	44.	U	43.	U	42.	U	43.	U	2.1	U	2.1	U
53469-21-9	Aroclor-1242	44.	U	43.	U	42.	U	43.	U	2.1	U	2.1	U
12672-29-6	Aroclor-1248	44.	U	43.	U	42.	U	43.	U	2.1	U	2.1	U
11097-69-1	Aroclor-1254	44.	U	43.	U	42.	U	43.	U	2.1	U	2.1	U
11096-82-5	Aroclor-1260	49.	J	12.	J	42.	U	43.	U	2.1	U	2.1	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-10A3-01
ORIGINAL ID ----->	041M10A301
LAB SAMPLE ID --->	950979-01
ID FROM REPORT -->	041M10A301
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	041M10	VAL
319-84-6	alpha-BHC	0.1	U
319-85-7	beta-BHC	0.1	U
319-86-8	delta-BHC	0.1	U
58-89-9	gamma-BHC (Lindane)	0.1	U
76-44-8	Heptachlor	0.1	U
309-00-2	Aldrin	0.1	U
1024-57-3	Heptachlor epoxide	0.1	U
959-98-8	Endosulfan I	0.21	U
60-57-1	Dieldrin	0.21	U
72-55-9	4,4'-DDE	2.3	
72-20-8	Endrin	0.21	U
33213-65-9	Endosulfan II	0.21	U
72-54-8	4,4'-DDD	0.21	U
1031-07-8	Endosulfan sulfate	0.21	U
50-29-3	4,4'-DDT	0.25	J
72-43-5	Methoxychlor	1.	U
53494-70-5	Endrin ketone	0.21	U
7421-93-4	Endrin aldehyde	0.21	U
5103-71-9	alpha-Chlordane	0.15	J
5103-74-2	gamma-Chlordane	0.1	U
8001-35-2	Toxaphene	10.	U
12674-11-2	Aroclor-1016	2.1	U
11104-28-2	Aroclor-1221	4.	U
11141-16-5	Aroclor-1232	2.1	U
53469-21-9	Aroclor-1242	2.1	U
12672-29-6	Aroclor-1248	2.1	U
11097-69-1	Aroclor-1254	2.1	U
11096-82-5	Aroclor-1260	2.1	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	033-M-0010-01		033-M-0020-01		033-M-0030-01		033-M-0040-01		041-M-10A1-01		041-M-10A2-01	
	ORIGINAL ID ----->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	LAB SAMPLE ID --->	533364		533370		533344		533359		950983-14		950983-08	
	ID FROM REPORT -->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
	SAMPLE DATE ----->	01/19/93		01/19/93		01/19/93		01/19/93		11/28/95		11/28/95	
	DATE EXTRACTED -->									11/30/95		11/30/95	
	DATE ANALYZED --->	01/29/93		01/29/93		01/29/93		01/29/93		12/06/95		12/06/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	578	VAL	578	VAL	578	VAL	578	VAL	Z53301	VAL	Z53301	VAL
108-95-2	Phenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	430.	U	430.	U	410.	U	420.	U	41.	U	40.	U
95-57-8	2-Chlorophenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
541-73-1	1,3-Dichlorobenzene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
106-46-7	1,4-Dichlorobenzene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
95-50-1	1,2-Dichlorobenzene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	430.	U	430.	U	410.	U	420.	U	410.	UJ	400.	UJ
106-44-5	4-Methylphenol (p-Cresol)	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	430.	U	430.	U	410.	U	420.	U	41.	U	40.	U
67-72-1	Hexachloroethane	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
98-95-3	Nitrobenzene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
78-59-1	Isophorone	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
88-75-5	2-Nitrophenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
105-67-9	2,4-Dimethylphenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
120-83-2	2,4-Dichlorophenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
91-20-3	Naphthalene	430.	U	430.	U	410.	U	420.	U	41.	U	40.	U
106-47-8	4-Chloroaniline	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
87-68-3	Hexachlorobutadiene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
91-57-6	2-Methylnaphthalene	430.	U	430.	U	410.	U	420.	U	41.	U	40.	U
77-47-4	Hexachlorocyclopentadiene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	1000.	U	1000.	U	990.	U	960.	U
91-58-7	2-Chloronaphthalene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
88-74-4	2-Nitroaniline	1000.	U	1000.	U	1000.	U	1000.	U	410.	U	400.	U
131-11-3	Dimethylphthalate	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
208-96-8	Acenaphthylene	430.	U	430.	U	410.	U	420.	U	33.	J	32.	J
606-20-2	2,6-Dinitrotoluene	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
99-09-2	3-Nitroaniline	1000.	U	1000.	U	1000.	U	1000.	U	990.	UR	960.	UR
83-32-9	Acenaphthene	430.	U	430.	U	410.	U	420.	U	20.	U	19.	U
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	1000.	U	1000.	U	990.	U	960.	U
100-02-7	4-Nitrophenol	1000.	U	1000.	U	1000.	U	1000.	U	990.	UJ	960.	U
132-64-9	Dibenzofuran	430.	U	430.	U	410.	U	420.	U	410.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

SVOA													
		SAMPLE ID ------->	033-M-0010-01		033-M-0020-01		033-M-0030-01		033-M-0040-01		041-M-10A1-01		041-M-10A2-01
		ORIGINAL ID ----->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201
		LAB SAMPLE ID --->	533364		533370		533344		533359		950983-14		950983-08
		ID FROM REPORT -->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201
		SAMPLE DATE ----->	01/19/93		01/19/93		01/19/93		01/19/93		11/28/95		11/28/95
		DATE EXTRACTED -->									11/30/95		11/30/95
		DATE ANALYZED --->	01/29/93		01/29/93		01/29/93		01/29/93		12/06/95		12/06/95
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG
CAS #	Parameter		578	VAL	578	VAL	578	VAL	578	VAL	Z53301	VAL	Z53301	VAL
121-14-2	2,4-Dinitrotoluene		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
84-66-2	Diethylphthalate		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
7005-72-3	4-Chlorophenylphenyl ether		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
86-73-7	Fluorene		430.	U	430.	U	410.	U	420.	U	20.	U	19.	U
100-01-6	4-Nitroaniline		1000.	U	1000.	U	1000.	U	1000.	U	990.	U	960.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol		1000.	U	1000.	U	1000.	U	1000.	U	990.	U	960.	U
86-30-6	N-Nitrosodiphenylamine		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
101-55-3	4-Bromophenyl-phenylether		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
118-74-1	Hexachlorobenzene		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
87-86-5	Pentachlorophenol		1000.	U	1000.	U	1000.	U	1000.	U	990.	U	960.	U
85-01-8	Phenanthrene		430.	U	430.	U	410.	U	420.	U	22.	J	40.	U
120-12-7	Anthracene		430.	U	430.	U	410.	U	420.	U	22.	J	40.	U
86-74-8	Carbazole		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
84-74-2	Di-n-butylphthalate		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
206-44-0	Fluoranthene		430.	U	430.	U	410.	U	43.	J	140.		110.	
129-00-0	Pyrene		430.	U	430.	U	410.	U	420.	U	110.		89.	
85-68-7	Butylbenzylphthalate		140.	U	140.	U	180.	U	230.	U	410.	UJ	35.	J
91-94-1	3,3'-Dichlorobenzidine		430.	U	430.	U	410.	U	420.	U	410.	UJ	400.	UJ
56-55-3	Benzo(a)anthracene		430.	U	430.	U	410.	U	420.	U	87.		71.	
218-01-9	Chrysene		430.	U	430.	U	410.	U	420.	U	97.		79.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		59.	U	150.	U	410.	U	420.	U	410.	UJ	400.	UJ
117-84-0	Di-n-octylphthalate		430.	U	430.	U	410.	U	420.	U	410.	U	400.	U
205-99-2	Benzo(b)fluoranthene		430.	U	430.	U	410.	U	420.	U	190.		150.	
207-08-9	Benzo(k)fluoranthene		430.	U	430.	U	410.	U	420.	U	74.		63.	
50-32-8	Benzo(a)pyrene		430.	U	430.	U	410.	U	420.	U	110.		88.	
193-39-5	Indeno(1,2,3-cd)pyrene		430.	U	430.	U	410.	U	420.	U	72.		66.	
53-70-3	Dibenz(a,h)anthracene		430.	U	430.	U	410.	U	420.	U	41.	U	40.	U
191-24-2	Benzo(g,h,i)perylene		430.	U	430.	U	410.	U	420.	U	71.		72.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-10A3-01
ORIGINAL ID ----->	041M10A301
LAB SAMPLE ID --->	950979-01
ID FROM REPORT -->	041M10A301
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	041M10	VAL
108-95-2	Phenol	400.	U
111-44-4	bis(2-Chloroethyl)ether	40.	U
95-57-8	2-Chlorophenol	400.	U
541-73-1	1,3-Dichlorobenzene	400.	U
106-46-7	1,4-Dichlorobenzene	31.	J
95-50-1	1,2-Dichlorobenzene	28.	J
95-48-7	2-Methylphenol (o-Cresol)	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	400.	U
106-44-5	4-Methylphenol (p-Cresol)	400.	U
621-64-7	N-Nitroso-di-n-propylamine	40.	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	40.	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	40.	U
77-47-4	Hexachlorocyclopentadiene	400.	U
88-06-2	2,4,6-Trichlorophenol	400.	U
95-95-4	2,4,5-Trichlorophenol	970.	U
91-58-7	2-Chloronaphthalene	400.	U
88-74-4	2-Nitroaniline	400.	U
131-11-3	Dimethylphthalate	400.	U
208-96-8	Acenaphthylene	40.	U
606-20-2	2,6-Dinitrotoluene	400.	U
99-09-2	3-Nitroaniline	970.	U
83-32-9	Acenaphthene	19.	U
51-28-5	2,4-Dinitrophenol	970.	U
100-02-7	4-Nitrophenol	970.	U
132-64-9	Dibenzofuran	400.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-10A3-01
ORIGINAL ID ----->	041M10A301
LAB SAMPLE ID --->	950979-01
ID FROM REPORT -->	041M10A301
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	041M10	VAL
121-14-2	2,4-Dinitrotoluene	400.	U
84-66-2	Diethylphthalate	400.	U
7005-72-3	4-Chlorophenylphenyl ether	400.	U
86-73-7	Fluorene	19.	U
100-01-6	4-Nitroaniline	970.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	970.	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	970.	U
85-01-8	Phenanthrene	23.	J
120-12-7	Anthracene	40.	U
86-74-8	Carbazole	400.	U
84-74-2	Di-n-butylphthalate	400.	U
206-44-0	Fluoranthene	62.	
129-00-0	Pyrene	39.	J
85-68-7	Butylbenzylphthalate	400.	U
91-94-1	3,3'-Dichlorobenzidine	400.	U
56-55-3	Benzo(a)anthracene	27.	J
218-01-9	Chrysene	30.	J
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	52.	J
117-84-0	Di-n-octylphthalate	400.	UJ
205-99-2	Benzo(b)fluoranthene	40.	U
207-08-9	Benzo(k)fluoranthene	40.	U
50-32-8	Benzo(a)pyrene	27.	J
193-39-5	Indeno(1,2,3-cd)pyrene	24.	J
53-70-3	Dibenz(a,h)anthracene	40.	U
191-24-2	Benzo(g,h,i)perylene	26.	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-10A1-01	041-M-10A2-01	041-M-10A3-01			
	ORIGINAL ID ----->	041M10A101	041M10A201	041M10A301			
	LAB SAMPLE ID --->	950983-14	950983-08	950979-01			
	ID FROM REPORT -->	041M10A101	041M10A201	041M10A301			
	SAMPLE DATE ----->	11/28/95	11/28/95	11/27/95			
	DATE EXTRACTED -->	12/21/96	12/21/96	12/20/96			
	DATE ANALYZED --->	12/21/96	12/21/96	12/20/96			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	MG/KG	MG/KG	MG/KG			
CAS #	Parameter	Z53301 VAL	Z53301 VAL	041M10 VAL			
9999900-01-4	Total Organic Carbon (TOC)	3690.	2030.	5640.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

VOA													
		SAMPLE ID ------->	033-M-0010-01		033-M-0020-01		033-M-0030-01		033-M-0040-01		041-M-10A1-01		041-M-10A2-01	
		ORIGINAL ID ----->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
		LAB SAMPLE ID --->	533364		533370		533344		533359		950983-14		950983-08	
		ID FROM REPORT -->	33M01001		33M02001		33M03001		33M04001		041M10A101		041M10A201	
		SAMPLE DATE ----->	01/19/93		01/19/93		01/19/93		01/19/93		11/28/95		11/28/95	
		DATE ANALYZED --->	01/27/93		01/27/93		01/27/93		01/27/93		12/01/95		12/01/95	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		578	VAL	578	VAL	578	VAL	578	VAL	Z53301	VAL	Z53301	VAL
74-87-3	Chloromethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
74-83-9	Bromomethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-01-4	Vinyl chloride		13.	U	13.	U	13.	U	13.	U	4.	U	4.	U
75-00-3	Chloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-09-2	Methylene chloride		10.	U	13.	U	15.	U	11.	U	17.	U	16.	U
67-64-1	Acetone		34.	U	47.	U	48.	U	45.	U	25.	U	12.	U
75-15-0	Carbon disulfide		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-35-4	1,1-Dichloroethene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-34-3	1,1-Dichloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
540-59-0	1,2-Dichloroethene (total)		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
67-66-3	Chloroform		2.	U	13.	U	13.	U	13.	U	13.	U	12.	U
107-06-2	1,2-Dichloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
78-93-3	2-Butanone (MEK)		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
71-55-6	1,1,1-Trichloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
56-23-5	Carbon tetrachloride		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-27-4	Bromodichloromethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
78-87-5	1,2-Dichloropropane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
79-01-6	Trichloroethene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
124-48-1	Dibromochloromethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
79-00-5	1,1,2-Trichloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
71-43-2	Benzene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
75-25-2	Bromoform		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
591-78-6	2-Hexanone		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
127-18-4	Tetrachloroethene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
108-88-3	Toluene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
108-90-7	Chlorobenzene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
100-41-4	Ethylbenzene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
100-42-5	Styrene		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U
1330-20-7	Xylene (Total)		13.	U	13.	U	13.	U	13.	U	13.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Sediment Samples

VOA

SAMPLE ID -------> 041-M-10A3-01
ORIGINAL ID -----> 041M10A301
LAB SAMPLE ID ---> 950979-01
ID FROM REPORT --> 041M10A301
SAMPLE DATE -----> 11/27/95
DATE ANALYZED ---> 11/29/95
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	041M10	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	21.	U
67-64-1	Acetone	19.	U
75-15-0	Carbon disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylene (Total)	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-1201-01	041-M-1202-01				
	ORIGINAL ID ----->	041M120101	041M120201				
	LAB SAMPLE ID --->	950983-09	950991-10				
	ID FROM REPORT -->	041M120101	041M120201				
	SAMPLE DATE ----->	11/28/95	11/29/95				
	DATE EXTRACTED -->	01/05/96	01/10/96				
	DATE ANALYZED --->	01/05/96	01/11/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	Z53301 VAL	Z30301 VAL				
9999000-58-8	Percent Solids	63.8	50.2				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

GRAIN SIZE									
	SAMPLE ID ------->	041-M-1201-01		041-M-1202-01					
	ORIGINAL ID ----->	041M120101		041M120201					
	LAB SAMPLE ID --->	GTX-928-02		GTX-929-01					
	ID FROM REPORT -->	041M120101		041M120201					
	SAMPLE DATE ----->								
	DATE ANALYZED --->	12/01/95		12/04/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	%		%					
CAS #	Parameter	Z53301	VAL	Z30301	VAL				
9999900-32-7	Seive Size #10	99.	SP	100.	NA				
9999900-32-8	Seive Size #20	97.	SP	99.	NA				
9999900-32-9	Seive Size #40	74.	SP	77.	NA				
9999900-33-1	Seive Size #100	3.	SP	12.	NA				
9999900-33-0	Seive Size #60	18.	SP	24.	NA				
9999900-33-2	Seive Size #200	2.	U	11.	NA				
9999900-33-3	Seive Size Pan	0.	SP	0.	NA				
9999900-32-5	Seive Size 0.375"	NR		NR					
9999900-32-6	Seive Size #4	100.	SP	NR					
9999900-33-4	Seive Size 1"	NR		NR					
9999900-33-5	Seive Size .75"	NR		NR					
9999900-33-6	Seive Size .5"	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

METAL									
		SAMPLE ID ------->	041-M-1201-01		041-M-1202-01				
		ORIGINAL ID ----->	041M120101		041M120201				
		LAB SAMPLE ID --->	950983-09		950991-10				
		ID FROM REPORT -->	041M120101		041M120201				
		SAMPLE DATE ----->	11/28/95		11/29/95				
		DATE EXTRACTED -->	01/05/96		01/10/96				
		DATE ANALYZED --->	01/05/96		01/11/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter		Z53301	VAL	Z30301	VAL			
7429-90-5	Aluminum		593.		3070.				
7440-36-0	Antimony		0.83	UJ	0.2	UR			
7440-38-2	Arsenic		0.17	U	0.24	J			
7440-39-3	Barium		0.86	J	3.1	J			
7440-41-7	Beryllium		0.08	U	0.12	J			
7440-43-9	Cadmium		0.25	U	0.3	U			
7440-70-2	Calcium		1290.	J	1950.				
7440-47-3	Chromium		2.1		4.8	J			
7440-48-4	Cobalt		0.25	U	0.3	U			
7440-50-8	Copper		0.67	J	2.9				
7439-89-6	Iron		367.		484.				
7439-92-1	Lead		5.1		27.1				
7439-95-4	Magnesium		103.	J	468.	J			
7439-96-5	Manganese		2.9		7.6				
7439-97-6	Mercury		0.06	U	0.1	U			
7440-02-0	Nickel		1.	U	1.2	U			
7440-09-7	Potassium		26.2	J	138.	J			
7782-49-2	Selenium		0.25	U	0.43	J			
7440-22-4	Silver		0.33	UJ	0.41	U			
7440-23-5	Sodium		229.	J	1840.				
7440-28-0	Thallium		0.25	UJ	0.3	UJ			
7440-62-2	Vanadium		1.3	J	6.6				
7440-66-6	Zinc		2.3	J	3.				
57-12-5	Cyanide (CN)		0.76	U	0.99	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

PEST									
	SAMPLE ID ------->	041-M-1201-01		041-M-1202-01					
	ORIGINAL ID ----->	041M120101		041M120201					
	LAB SAMPLE ID --->	950983-09		950991-10					
	ID FROM REPORT -->	041M120101		041M120201					
	SAMPLE DATE ----->	11/28/95		11/29/95					
	DATE EXTRACTED -->	11/30/95		12/02/95					
	DATE ANALYZED --->	01/11/96		01/05/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z53301	VAL	Z30301	VAL				
319-84-6	alpha-BHC	0.1	U	0.16	U				
319-85-7	beta-BHC	0.89	J	0.16	U				
319-86-8	delta-BHC	1.1	J	0.16	U				
58-89-9	gamma-BHC (Lindane)	0.1	U	0.16	U				
76-44-8	Heptachlor	0.1	U	0.16	U				
309-00-2	Aldrin	0.1	U	0.16	U				
1024-57-3	Heptachlor epoxide	0.1	U	0.16	U				
959-98-8	Endosulfan I	1.2	J	0.4	J				
60-57-1	Dieldrin	0.21	U	0.31	J				
72-55-9	4,4'-DDE	0.21	U	0.97					
72-20-8	Endrin	0.21	U	0.32	U				
33213-65-9	Endosulfan II	0.21	U	0.32	U				
72-54-8	4,4'-DDD	0.21	U	0.32	U				
1031-07-8	Endosulfan sulfate	0.21	U	3.2	J				
50-29-3	4,4'-DDT	0.21	UJ	0.32	UJ				
72-43-5	Methoxychlor	1.	U	1.6	UJ				
53494-70-5	Endrin ketone	13.	DJ	0.32	U				
7421-93-4	Endrin aldehyde	0.21	U	0.28	J				
5103-71-9	alpha-Chlordane	0.1	U	0.16	U				
5103-74-2	gamma-Chlordane	0.1	U	0.16	U				
8001-35-2	Toxaphene	10.	U	16.	U				
12674-11-2	Aroclor-1016	2.1	U	3.2	U				
11104-28-2	Aroclor-1221	4.1	U	6.2	U				
11141-16-5	Aroclor-1232	2.1	U	3.2	U				
53469-21-9	Aroclor-1242	2.1	U	3.2	U				
12672-29-6	Aroclor-1248	2.1	U	3.2	U				
11097-69-1	Aroclor-1254	2.1	U	3.2	U				
11096-82-5	Aroclor-1260	2.1	U	3.2	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-1201-01		041-M-1202-01					
	ORIGINAL ID ----->	041M120101		041M120201					
	LAB SAMPLE ID --->	950983-09		950991-10					
	ID FROM REPORT -->	041M120101		041M120201					
	SAMPLE DATE ----->	11/28/95		11/29/95					
	DATE EXTRACTED -->	11/30/95		12/02/95					
	DATE ANALYZED --->	12/07/95		12/09/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z53301	VAL	Z30301	VAL				
108-95-2	Phenol	41000.	U	12000.	U				
111-44-4	bis(2-Chloroethyl)ether	4100.	U	1200.	U				
95-57-8	2-Chlorophenol	41000.	U	12000.	U				
541-73-1	1,3-Dichlorobenzene	41000.	U	12000.	U				
106-46-7	1,4-Dichlorobenzene	41000.	U	12000.	U				
95-50-1	1,2-Dichlorobenzene	41000.	U	12000.	U				
95-48-7	2-Methylphenol (o-Cresol)	41000.	U	12000.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlo	41000.	UR	12000.	U				
106-44-5	4-Methylphenol (p-Cresol)	41000.	U	12000.	U				
621-64-7	N-Nitroso-di-n-propylamine	4100.	U	1200.	U				
67-72-1	Hexachloroethane	41000.	U	12000.	U				
98-95-3	Nitrobenzene	41000.	U	12000.	U				
78-59-1	Isophorone	41000.	U	12000.	U				
88-75-5	2-Nitrophenol	41000.	U	12000.	U				
105-67-9	2,4-Dimethylphenol	41000.	U	12000.	U				
111-91-1	bis(2-Chloroethoxy)methane	41000.	U	12000.	U				
120-83-2	2,4-Dichlorophenol	41000.	U	12000.	U				
120-82-1	1,2,4-Trichlorobenzene	41000.	U	12000.	U				
91-20-3	Naphthalene	4100.	U	1300.					
106-47-8	4-Chloroaniline	41000.	U	12000.	UR				
87-68-3	Hexachlorobutadiene	41000.	U	12000.	U				
59-50-7	4-Chloro-3-methylphenol	41000.	U	12000.	U				
91-57-6	2-Methylnaphthalene	4100.	U	7100.					
77-47-4	Hexachlorocyclopentadiene	41000.	UJ	12000.	UJ				
88-06-2	2,4,6-Trichlorophenol	41000.	U	12000.	U				
95-95-4	2,4,5-Trichlorophenol	100000.	U	30000.	U				
91-58-7	2-Chloronaphthalene	41000.	U	12000.	U				
88-74-4	2-Nitroaniline	41000.	U	12000.	U				
131-11-3	Dimethylphthalate	41000.	U	12000.	U				
208-96-8	Acenaphthylene	4100.	U	1200.	U				
606-20-2	2,6-Dinitrotoluene	41000.	U	12000.	U				
99-09-2	3-Nitroaniline	100000.	UR	30000.	U				
83-32-9	Acenaphthene	2000.	U	600.	U				
51-28-5	2,4-Dinitrophenol	100000.	UJ	30000.	U				
100-02-7	4-Nitrophenol	100000.	U	30000.	U				
132-64-9	Dibenzofuran	41000.	U	12000.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-1201-01		041-M-1202-01					
	ORIGINAL ID ----->	041M120101		041M120201					
	LAB SAMPLE ID --->	950983-09		950991-10					
	ID FROM REPORT -->	041M120101		041M120201					
	SAMPLE DATE ----->	11/28/95		11/29/95					
	DATE EXTRACTED -->	11/30/95		12/02/95					
	DATE ANALYZED --->	12/07/95		12/09/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z53301	VAL	Z30301	VAL				
108-95-2	Phenol	41000.	U	12000.	U				
111-44-4	bis(2-Chloroethyl)ether	4100.	U	1200.	U				
95-57-8	2-Chlorophenol	41000.	U	12000.	U				
541-73-1	1,3-Dichlorobenzene	41000.	U	12000.	U				
106-46-7	1,4-Dichlorobenzene	41000.	U	12000.	U				
95-50-1	1,2-Dichlorobenzene	41000.	U	12000.	U				
95-48-7	2-Methylphenol (o-Cresol)	41000.	U	12000.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlo	41000.	UR	12000.	U				
106-44-5	4-Methylphenol (p-Cresol)	41000.	U	12000.	U				
621-64-7	N-Nitroso-di-n-propylamine	4100.	U	1200.	U				
67-72-1	Hexachloroethane	41000.	U	12000.	U				
98-95-3	Nitrobenzene	41000.	U	12000.	U				
78-59-1	Isophorone	41000.	U	12000.	U				
88-75-5	2-Nitrophenol	41000.	U	12000.	U				
105-67-9	2,4-Dimethylphenol	41000.	U	12000.	U				
111-91-1	bis(2-Chloroethoxy)methane	41000.	U	12000.	U				
120-83-2	2,4-Dichlorophenol	41000.	U	12000.	U				
120-82-1	1,2,4-Trichlorobenzene	41000.	U	12000.	U				
91-20-3	Naphthalene	4100.	U	1300.					
106-47-8	4-Chloroaniline	41000.	U	12000.	UR				
87-68-3	Hexachlorobutadiene	41000.	U	12000.	U				
59-50-7	4-Chloro-3-methylphenol	41000.	U	12000.	U				
91-57-6	2-Methylnaphthalene	4100.	U	7100.					
77-47-4	Hexachlorocyclopentadiene	41000.	UJ	12000.	UJ				
88-06-2	2,4,6-Trichlorophenol	41000.	U	12000.	U				
95-95-4	2,4,5-Trichlorophenol	100000.	U	30000.	U				
91-58-7	2-Chloronaphthalene	41000.	U	12000.	U				
88-74-4	2-Nitroaniline	41000.	U	12000.	U				
131-11-3	Dimethylphthalate	41000.	U	12000.	U				
208-96-8	Acenaphthylene	4100.	U	1200.	U				
606-20-2	2,6-Dinitrotoluene	41000.	U	12000.	U				
99-09-2	3-Nitroaniline	100000.	UR	30000.	U				
83-32-9	Acenaphthene	2000.	U	600.	U				
51-28-5	2,4-Dinitrophenol	100000.	UJ	30000.	U				
100-02-7	4-Nitrophenol	100000.	U	30000.	U				
132-64-9	Dibenzofuran	41000.	U	12000.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-1201-01		041-M-1202-01				
		ORIGINAL ID ----->	041M120101		041M120201				
		LAB SAMPLE ID --->	950983-09		950991-10				
		ID FROM REPORT -->	041M120101		041M120201				
		SAMPLE DATE ----->	11/28/95		11/29/95				
		DATE EXTRACTED -->	11/30/95		12/02/95				
		DATE ANALYZED --->	12/07/95		12/09/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		Z53301	VAL	Z30301	VAL			
121-14-2	2,4-Dinitrotoluene		41000.	U	12000.	U			
84-66-2	Diethylphthalate		41000.	U	12000.	U			
7005-72-3	4-Chlorophenylphenyl ether		41000.	U	12000.	U			
86-73-7	Fluorene		2000.	U	1300.				
100-01-6	4-Nitroaniline		100000.	UJ	30000.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		100000.	U	30000.	U			
86-30-6	N-Nitrosodiphenylamine		41000.	U	12000.	U			
101-55-3	4-Bromophenyl-phenylether		41000.	U	12000.	U			
118-74-1	Hexachlorobenzene		41000.	U	12000.	U			
87-86-5	Pentachlorophenol		100000.	U	30000.	U			
85-01-8	Phenanthrene		4100.	U	2500.				
120-12-7	Anthracene		4100.	U	1200.	U			
86-74-8	Carbazole		41000.	U	12000.	U			
84-74-2	Di-n-butylphthalate		41000.	U	12000.	U			
206-44-0	Fluoranthene		4100.	U	1200.	U			
129-00-0	Pyrene		4100.	U	1200.	U			
85-68-7	Butylbenzylphthalate		41000.	U	12000.	U			
91-94-1	3,3'-Dichlorobenzidine		41000.	UJ	12000.	U			
56-55-3	Benzo(a)anthracene		4100.	U	1200.	U			
218-01-9	Chrysene		4100.	U	1200.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		41000.	U	12000.	U			
117-84-0	Di-n-octylphthalate		41000.	U	12000.	U			
205-99-2	Benzo(b)fluoranthene		4100.	U	1200.	U			
207-08-9	Benzo(k)fluoranthene		4100.	U	1200.	U			
50-32-8	Benzo(a)pyrene		4100.	U	1200.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		4100.	U	1200.	U			
53-70-3	Dibenz(a,h)anthracene		4100.	U	1200.	U			
191-24-2	Benzo(g,h,i)perylene		4100.	U	1200.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-1201-01	041-M-1202-01				
	ORIGINAL ID ----->	041M120101	041M120201				
	LAB SAMPLE ID --->	950983-09	950991-10				
	ID FROM REPORT -->	041M120101	041M120201				
	SAMPLE DATE ----->	11/28/95	11/29/95				
	DATE EXTRACTED -->	12/21/96	12/22/96				
	DATE ANALYZED --->	12/21/96	12/22/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	MG/KG	MG/KG				
CAS #	Parameter	Z53301 VAL	Z30301 VAL				
9999900-01-4	Total Organic Carbon (TOC)	7240.	41000.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Sediment Samples

VOA									
		SAMPLE ID ------->	041-M-1201-01		041-M-1202-01				
		ORIGINAL ID ----->	041M120101		041M120201				
		LAB SAMPLE ID --->	950983-09		950991-10				
		ID FROM REPORT -->	041M120101		041M120201				
		SAMPLE DATE ----->	11/28/95		11/29/95				
		DATE ANALYZED --->	11/30/95		12/01/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		Z53301	VAL	Z30301	VAL			
74-87-3	Chloromethane		1900.	U	2600.	U			
74-83-9	Bromomethane		1900.	U	2600.	U			
75-01-4	Vinyl chloride		570.	U	770.	U			
75-00-3	Chloroethane		1900.	U	2600.	U			
75-09-2	Methylene chloride		1900.	U	1300.	J			
67-64-1	Acetone		1900.	U	2600.	UJ			
75-15-0	Carbon disulfide		1900.	U	2600.	U			
75-35-4	1,1-Dichloroethene		1900.	U	2600.	U			
75-34-3	1,1-Dichloroethane		1900.	U	2600.	U			
540-59-0	1,2-Dichloroethene (total)		1900.	U	2600.	U			
67-66-3	Chloroform		1900.	U	2600.	U			
107-06-2	1,2-Dichloroethane		1900.	U	2600.	U			
78-93-3	2-Butanone (MEK)		1900.	U	2600.	U			
71-55-6	1,1,1-Trichloroethane		1900.	U	2600.	U			
56-23-5	Carbon tetrachloride		1900.	U	2600.	U			
75-27-4	Bromodichloromethane		1900.	U	2600.	U			
78-87-5	1,2-Dichloropropane		1900.	U	2600.	U			
10061-01-5	cis-1,3-Dichloropropene		1900.	U	2600.	U			
79-01-6	Trichloroethene		1900.	U	2600.	U			
124-48-1	Dibromochloromethane		1900.	U	2600.	U			
79-00-5	1,1,2-Trichloroethane		1900.	U	2600.	U			
71-43-2	Benzene		1900.	U	2600.	U			
10061-02-6	trans-1,3-Dichloropropene		1900.	U	2600.	U			
75-25-2	Bromoform		1900.	U	2600.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		1900.	U	2600.	U			
591-78-6	2-Hexanone		1900.	U	2600.	U			
127-18-4	Tetrachloroethene		1900.	U	2600.	U			
79-34-5	1,1,2,2-Tetrachloroethane		1900.	U	2600.	U			
108-88-3	Toluene		1900.	U	2600.	U			
108-90-7	Chlorobenzene		1900.	U	2600.	U			
100-41-4	Ethylbenzene		1900.	U	2600.	U			
100-42-5	Styrene		1900.	U	2600.	U			
1330-20-7	Xylene (Total)		1900.	U	2600.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-1301-01					
	ORIGINAL ID ----->	041M130101					
	LAB SAMPLE ID --->	950979-02					
	ID FROM REPORT -->	041M130101					
	SAMPLE DATE ----->	11/27/95					
	DATE EXTRACTED -->	01/04/96					
	DATE ANALYZED --->	01/05/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	041M10	VAL				
9999000-58-8	Percent Solids	73.8					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID ------->	041-M-1301-01
ORIGINAL ID ----->	041M130101
LAB SAMPLE ID --->	GTX-927-02
ID FROM REPORT -->	041M130101
SAMPLE DATE ----->	
DATE ANALYZED --->	11/27/95
MATRIX ---------->	Sediment
UNITS ----------->	%

CAS #	Parameter	041M10	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	99.	NA
9999900-32-9	Seive Size #40	77.	NA
9999900-33-1	Seive Size #100	12.	NA
9999900-33-0	Seive Size #60	26.	NA
9999900-33-2	Seive Size #200	12.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	100.	NA
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

METAL

SAMPLE ID ------->	041-M-1301-01
ORIGINAL ID ----->	041M130101
LAB SAMPLE ID --->	950979-02
ID FROM REPORT -->	041M130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	01/04/96
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	041M10	VAL
7429-90-5	Aluminum	1590.	
7440-36-0	Antimony	0.15	J
7440-38-2	Arsenic	0.14	J
7440-39-3	Barium	0.88	J
7440-41-7	Beryllium	0.11	J
7440-43-9	Cadmium	0.2	U
7440-70-2	Calcium	327.	J
7440-47-3	Chromium	4.	
7440-48-4	Cobalt	0.2	U
7440-50-8	Copper	1.2	J
7439-89-6	Iron	229.	
7439-92-1	Lead	9.2	J
7439-95-4	Magnesium	187.	J
7439-96-5	Manganese	0.85	J
7439-97-6	Mercury	0.06	U
7440-02-0	Nickel	0.81	U
7440-09-7	Potassium	50.6	J
7782-49-2	Selenium	0.41	J
7440-22-4	Silver	0.27	UJ
7440-23-5	Sodium	290.	J
7440-28-0	Thallium	0.2	UJ
7440-62-2	Vanadium	7.5	
7440-66-6	Zinc	1.7	
57-12-5	Cyanide (CN)	0.66	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

PEST

SAMPLE ID -------> 041-M-1301-01
ORIGINAL ID -----> 041M130101
LAB SAMPLE ID ---> 950979-02
ID FROM REPORT --> 041M130101
SAMPLE DATE -----> 11/27/95
DATE EXTRACTED --> 11/30/95
DATE ANALYZED ---> 01/05/96
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	041M10	VAL
319-84-6	alpha-BHC	0.12	UJ
319-85-7	beta-BHC	0.12	UJ
319-86-8	delta-BHC	0.12	UJ
58-89-9	gamma-BHC (Lindane)	0.12	UJ
76-44-8	Heptachlor	0.12	UJ
309-00-2	Aldrin	0.12	UJ
1024-57-3	Heptachlor epoxide	0.12	UJ
959-98-8	Endosulfan I	0.26	UJ
60-57-1	Dieldrin	0.3	J
72-55-9	4,4'-DDE	1.9	J
72-20-8	Endrin	0.26	UJ
33213-65-9	Endosulfan II	0.26	UJ
72-54-8	4,4'-DDD	0.26	UJ
1031-07-8	Endosulfan sulfate	0.26	UJ
50-29-3	4,4'-DDT	1.4	J
72-43-5	Methoxychlor	1.2	UJ
53494-70-5	Endrin ketone	0.26	UJ
7421-93-4	Endrin aldehyde	0.26	UJ
5103-71-9	alpha-Chlordane	0.12	UJ
5103-74-2	gamma-Chlordane	0.12	UJ
8001-35-2	Toxaphene	12.	UJ
12674-11-2	Aroclor-1016	2.6	UJ
11104-28-2	Aroclor-1221	5.	UJ
11141-16-5	Aroclor-1232	2.6	UJ
53469-21-9	Aroclor-1242	2.6	UJ
12672-29-6	Aroclor-1248	2.6	UJ
11097-69-1	Aroclor-1254	2.6	UJ
11096-82-5	Aroclor-1260	2.6	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-1301-01
ORIGINAL ID ----->	041M130101
LAB SAMPLE ID --->	950979-02
ID FROM REPORT -->	041M130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	041M10	VAL
108-95-2	Phenol	500.	U
111-44-4	bis(2-Chloroethyl)ether	50.	U
95-57-8	2-Chlorophenol	500.	U
541-73-1	1,3-Dichlorobenzene	500.	U
106-46-7	1,4-Dichlorobenzene	500.	U
95-50-1	1,2-Dichlorobenzene	500.	U
95-48-7	2-Methylphenol (o-Cresol)	500.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	500.	U
106-44-5	4-Methylphenol (p-Cresol)	500.	U
621-64-7	N-Nitroso-di-n-propylamine	50.	U
67-72-1	Hexachloroethane	500.	U
98-95-3	Nitrobenzene	500.	U
78-59-1	Isophorone	500.	U
88-75-5	2-Nitrophenol	500.	U
105-67-9	2,4-Dimethylphenol	500.	U
111-91-1	bis(2-Chloroethoxy)methane	500.	U
120-83-2	2,4-Dichlorophenol	500.	U
120-82-1	1,2,4-Trichlorobenzene	500.	U
91-20-3	Naphthalene	50.	U
106-47-8	4-Chloroaniline	500.	U
87-68-3	Hexachlorobutadiene	500.	U
59-50-7	4-Chloro-3-methylphenol	500.	U
91-57-6	2-Methylnaphthalene	50.	U
77-47-4	Hexachlorocyclopentadiene	500.	U
88-06-2	2,4,6-Trichlorophenol	500.	U
95-95-4	2,4,5-Trichlorophenol	1200.	U
91-58-7	2-Chloronaphthalene	500.	U
88-74-4	2-Nitroaniline	500.	U
131-11-3	Dimethylphthalate	500.	U
208-96-8	Acenaphthylene	50.	U
606-20-2	2,6-Dinitrotoluene	500.	U
99-09-2	3-Nitroaniline	1200.	U
83-32-9	Acenaphthene	24.	U
51-28-5	2,4-Dinitrophenol	1200.	U
100-02-7	4-Nitrophenol	1200.	U
132-64-9	Dibenzofuran	500.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-1301-01
ORIGINAL ID ----->	041M130101
LAB SAMPLE ID --->	950979-02
ID FROM REPORT -->	041M130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/30/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	041M10	VAL
121-14-2	2,4-Dinitrotoluene	500.	U
84-66-2	Diethylphthalate	500.	U
7005-72-3	4-Chlorophenylphenyl ether	500.	U
86-73-7	Fluorene	24.	U
100-01-6	4-Nitroaniline	1200.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1200.	U
86-30-6	N-Nitrosodiphenylamine	500.	U
101-55-3	4-Bromophenyl-phenylether	500.	U
118-74-1	Hexachlorobenzene	500.	U
87-86-5	Pentachlorophenol	1200.	U
85-01-8	Phenanthrene	50.	U
120-12-7	Anthracene	50.	U
86-74-8	Carbazole	500.	U
84-74-2	Di-n-butylphthalate	26.	J
206-44-0	Fluoranthene	29.	J
129-00-0	Pyrene	50.	U
85-68-7	Butylbenzylphthalate	500.	U
91-94-1	3,3'-Dichlorobenzidine	500.	U
56-55-3	Benzo(a)anthracene	50.	U
218-01-9	Chrysene	50.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	31.	J
117-84-0	Di-n-octylphthalate	500.	UJ
205-99-2	Benzo(b)fluoranthene	50.	U
207-08-9	Benzo(k)fluoranthene	50.	U
50-32-8	Benzo(a)pyrene	50.	U
193-39-5	Indeno(1,2,3-cd)pyrene	50.	U
53-70-3	Dibenz(a,h)anthracene	50.	U
191-24-2	Benzo(g,h,i)perylene	50.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-1301-01					
	ORIGINAL ID ----->	041M130101					
	LAB SAMPLE ID --->	950979-02					
	ID FROM REPORT -->	041M130101					
	SAMPLE DATE ----->	11/27/95					
	DATE EXTRACTED -->	12/20/96					
	DATE ANALYZED --->	12/20/96					
	MATRIX ---------->	Sediment					
	UNITS ----------->	MG/KG					
CAS #	Parameter	041M10 VAL					
9999900-01-4	Total Organic Carbon (TOC)	13800.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-1301-01
ORIGINAL ID ----->	041M130101
LAB SAMPLE ID --->	950979-02
ID FROM REPORT -->	041M130101
SAMPLE DATE ----->	11/27/95
DATE ANALYZED --->	11/30/95
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	041M10	VAL
74-87-3	Chloromethane	14.	U
74-83-9	Bromomethane	14.	U
75-01-4	Vinyl chloride	14.	U
75-00-3	Chloroethane	14.	U
75-09-2	Methylene chloride	16.	U
67-64-1	Acetone	23.	U
75-15-0	Carbon disulfide	14.	U
75-35-4	1,1-Dichloroethene	14.	U
75-34-3	1,1-Dichloroethane	14.	U
540-59-0	1,2-Dichloroethene (total)	14.	U
67-66-3	Chloroform	14.	U
107-06-2	1,2-Dichloroethane	14.	U
78-93-3	2-Butanone (MEK)	14.	U
71-55-6	1,1,1-Trichloroethane	14.	U
56-23-5	Carbon tetrachloride	14.	U
75-27-4	Bromodichloromethane	14.	U
78-87-5	1,2-Dichloropropane	14.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U
79-01-6	Trichloroethene	14.	U
124-48-1	Dibromochloromethane	14.	U
79-00-5	1,1,2-Trichloroethane	14.	U
71-43-2	Benzene	14.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U
75-25-2	Bromoform	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U
591-78-6	2-Hexanone	14.	U
127-18-4	Tetrachloroethene	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U
108-88-3	Toluene	14.	U
108-90-7	Chlorobenzene	14.	U
100-41-4	Ethylbenzene	14.	U
100-42-5	Styrene	14.	U
1330-20-7	Xylene (Total)	14.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-1501-01	041-M-1502-01	041-M-1503-01	041-M-1504-01		
	ORIGINAL ID ----->	041M150101	041M150201	041M150301	041M150401		
	LAB SAMPLE ID --->	951021-05	951021-06	951021-07	951021-08		
	ID FROM REPORT -->	041M150101	041M150201	041M150301	041M150401		
	SAMPLE DATE ----->	12/06/95	12/06/95	12/06/95	12/06/95		
	DATE EXTRACTED -->	01/16/96	01/16/96	01/16/96	01/16/96		
	DATE ANALYZED --->	01/18/96	01/18/96	01/18/96	01/18/96		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	%	%	%	%		
CAS #	Parameter	EM0050 VAL	EM0050 VAL	EM0050 VAL	EM0050 VAL		
9999000-58-8	Percent Solids	12.6	9.2	12.9	29.5		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	GTX-938-01		GTX-938-02		GTX-938-03		GTX-938-04			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	12/12/95		12/12/95		12/12/95		12/12/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
9999900-32-7	Seive Size #10	100.	NA	100.	NA	100.	NA	100.	NA		
9999900-32-8	Seive Size #20	96.	NA	99.	NA	90.	NA	99.	NA		
9999900-32-9	Seive Size #40	87.	NA	95.	NA	85.	NA	86.	NA		
9999900-33-1	Seive Size #100	78.	NA	91.	NA	83.	NA	41.	NA		
9999900-33-0	Seive Size #60	81.	NA	92.	NA	84.	NA	56.	NA		
9999900-33-2	Seive Size #200	77.	NA	90.	NA	82.	NA	39.	NA		
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	NA		
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR			
9999900-32-6	Seive Size #4	NR		NR		NR		100.	NA		
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95			
	DATE EXTRACTED -->	01/16/96		01/16/96		01/16/96		01/16/96			
	DATE ANALYZED --->	01/18/96		01/18/96		01/18/96		01/18/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
7429-90-5	Aluminum	9350.		15800.		7810.		7980.			
7440-36-0	Antimony	2.	UJ	6.	J	1.5	UJ	0.72	UJ		
7440-38-2	Arsenic	4.8		15.2		141.		2.5			
7440-39-3	Barium	36.2	J	20.3	J	40.9	J	6.2	J		
7440-41-7	Beryllium	0.41	U	0.57	U	0.41	U	0.34	J		
7440-43-9	Cadmium	1.2	U	1.7	U	1.2	U	0.52	U		
7440-70-2	Calcium	6600.	J	7910.	J	11300.	J	3010.	J		
7440-47-3	Chromium	14.3	J	45.7	J	37.7	J	20.8	J		
7440-48-4	Cobalt	1.2	U	1.7	U	1.2	U	1.5	J		
7440-50-8	Copper	8.5	J	20.2		18.9		5.5	J		
7439-89-6	Iron	12100.		37600.		223000.		11200.			
7439-92-1	Lead	39.7		211.		174.		20.7			
7439-95-4	Magnesium	1250.	J	4980.		912.	J	3160.			
7439-96-5	Manganese	47.7		176.		520.		74.9			
7439-97-6	Mercury	0.35	U	0.45	UJ	0.32	UJ	0.14	UJ		
7440-02-0	Nickel	4.9	U	12.4	J	4.9	U	5.6	J		
7440-09-7	Potassium	469.	J	1460.	J	310.	J	992.			
7782-49-2	Selenium	1.6	J	2.7	J	1.2	U	0.93			
7440-22-4	Silver	1.6	UJ	2.3	UJ	1.6	UJ	0.69	UJ		
7440-23-5	Sodium	1100.	J	14200.		206.	J	10600.			
7440-28-0	Thallium	1.2	U	1.7	U	1.2	U	0.52	U		
7440-62-2	Vanadium	14.8	J	36.		25.2		10.5			
7440-66-6	Zinc	26.3		59.9		83.6		23.5			
57-12-5	Cyanide (CN)	3.8	U	5.2	U	3.9	U	1.6	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95			
	DATE EXTRACTED -->	12/12/96		12/12/96		12/12/96		12/12/96			
	DATE ANALYZED --->	01/24/96		01/24/96		01/25/96		01/25/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
319-84-6	alpha-BHC	0.75	UJ	0.75	UJ	0.63	UJ	0.29	UJ		
319-85-7	beta-BHC	0.94	J	1.4	J	0.63	U	0.29	U		
319-86-8	delta-BHC	0.75	U	0.75	U	5.5	J	0.29	U		
58-89-9	gamma-BHC (Lindane)	0.75	U	0.75	U	0.63	U	0.29	U		
76-44-8	Heptachlor	0.75	U	1.1	J	0.63	U	0.29	U		
309-00-2	Aldrin	0.75	U	0.75	U	0.63	U	0.29	U		
1024-57-3	Heptachlor epoxide	0.75	U	0.75	U	0.63	U	0.29	U		
959-98-8	Endosulfan I	0.75	U	0.75	U	1.7	J	0.29	U		
60-57-1	Dieldrin	1.5	U	1.5	U	1.3	U	0.59	U		
72-55-9	4,4'-DDE	340.	DJ	110.	DJ	69.	DJ	10.	J		
72-20-8	Endrin	2.5	J	16.	J	1.3	U	1.5	J		
33213-65-9	Endosulfan II	1.5	U	1.5	U	1.3	U	0.59	U		
72-54-8	4,4'-DDD	85.	DJ	62.	DJ	200.	DJ	1.3	J		
1031-07-8	Endosulfan sulfate	1.5	U	1.5	U	1.3	U	0.59	U		
50-29-3	4,4'-DDT	9.9	J	4.3	J	16.	J	0.59	U		
72-43-5	Methoxychlor	7.5	U	7.5	U	6.3	U	2.9	U		
53494-70-5	Endrin ketone	1.9	J	1.5	U	1.3	U	0.59	U		
7421-93-4	Endrin aldehyde	7.3	J	1.5	U	1.3	J	0.59	U		
5103-71-9	alpha-Chlordane	0.75	U	1.4	J	0.63	U	0.29	U		
5103-74-2	gamma-Chlordane	0.75	U	0.75	U	0.63	U	0.29	U		
8001-35-2	Toxaphene	75.	U	75.	U	63.	U	29.	U		
12674-11-2	Aroclor-1016	15.	U	15.	U	13.	U	5.9	U		
11104-28-2	Aroclor-1221	30.	U	30.	U	25.	U	11.	U		
11141-16-5	Aroclor-1232	15.	U	15.	U	13.	U	5.9	U		
53469-21-9	Aroclor-1242	15.	U	15.	U	13.	U	5.9	U		
12672-29-6	Aroclor-1248	15.	U	15.	U	13.	U	5.9	U		
11097-69-1	Aroclor-1254	15.	U	15.	U	13.	U	5.9	U		
11096-82-5	Aroclor-1260	14.	J	24.	J	32.	J	5.9	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95			
	DATE EXTRACTED -->	12/12/95		12/12/95		12/12/95		12/12/95			
	DATE ANALYZED --->	12/28/95		12/28/95		12/30/95		12/28/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
108-95-2	Phenol	280.	J	3000.	U	2500.	U	1100.	U		
111-44-4	bis(2-Chloroethyl)ether	300.	U	300.	U	250.	U	110.	U		
95-57-8	2-Chlorophenol	3000.	U	3000.	U	2500.	U	1100.	U		
541-73-1	1,3-Dichlorobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
106-46-7	1,4-Dichlorobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
95-50-1	1,2-Dichlorobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
95-48-7	2-Methylphenol (o-Cresol)	330.	J	3000.	U	2500.	U	1100.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	3000.	U	3000.	U	2500.	U	82.	J		
106-44-5	4-Methylphenol (p-Cresol)	4800.		3000.	U	2500.	U	1100.	U		
621-64-7	N-Nitroso-di-n-propylamine	300.	U	300.	U	250.	U	110.	U		
67-72-1	Hexachloroethane	3000.	U	3000.	U	2500.	U	1100.	U		
98-95-3	Nitrobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
78-59-1	Isophorone	3000.	U	3000.	U	2500.	U	1100.	U		
88-75-5	2-Nitrophenol	3000.	U	3000.	U	2500.	U	1100.	U		
105-67-9	2,4-Dimethylphenol	630.	J	3000.	U	2500.	U	1100.	U		
111-91-1	bis(2-Chloroethoxy)methane	3000.	U	3000.	U	2500.	U	1100.	U		
120-83-2	2,4-Dichlorophenol	3000.	U	3000.	U	2500.	U	1100.	U		
120-82-1	1,2,4-Trichlorobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
91-20-3	Naphthalene	300.	U	300.	U	250.	U	110.	U		
106-47-8	4-Chloroaniline	3000.	UR	3000.	UR	2500.	U	1100.	UR		
87-68-3	Hexachlorobutadiene	3000.	U	3000.	U	2500.	U	1100.	U		
59-50-7	4-Chloro-3-methylphenol	3000.	U	3000.	U	2500.	U	1100.	U		
91-57-6	2-Methylnaphthalene	300.	U	300.	U	250.	U	110.	U		
77-47-4	Hexachlorocyclopentadiene	3000.	UJ	3000.	UJ	2500.	U	1100.	UJ		
88-06-2	2,4,6-Trichlorophenol	3000.	U	3000.	U	2500.	U	1100.	U		
95-95-4	2,4,5-Trichlorophenol	7200.	U	7200.	U	6100.	U	2700.	U		
91-58-7	2-Chloronaphthalene	3000.	U	3000.	U	2500.	U	1100.	U		
88-74-4	2-Nitroaniline	3000.	U	3000.	U	2500.	U	1100.	U		
131-11-3	Dimethylphthalate	3000.	U	3000.	U	2500.	U	1100.	U		
208-96-8	Acenaphthylene	300.	U	300.	U	250.	U	110.	U		
606-20-2	2,6-Dinitrotoluene	3000.	U	3000.	U	2500.	U	1100.	U		
99-09-2	3-Nitroaniline	7200.	U	7200.	U	6100.	U	2700.	U		
83-32-9	Acenaphthene	140.	U	140.	U	120.	U	55.	U		
51-28-5	2,4-Dinitrophenol	7200.	U	7200.	U	6100.	UJ	2700.	U		
100-02-7	4-Nitrophenol	7200.	U	7200.	U	6100.	U	2700.	U		
132-64-9	Dibenzofuran	3000.	U	3000.	U	2500.	U	1100.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95			
	DATE EXTRACTED -->	12/12/95		12/12/95		12/12/95		12/12/95			
	DATE ANALYZED --->	12/28/95		12/28/95		12/30/95		12/28/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
121-14-2	2,4-Dinitrotoluene	3000.	U	3000.	U	2500.	U	1100.	U		
84-66-2	Diethylphthalate	3000.	U	3000.	U	2500.	U	1100.	U		
7005-72-3	4-Chlorophenylphenyl ether	3000.	U	3000.	U	2500.	U	1100.	U		
86-73-7	Fluorene	140.	U	140.	U	120.	U	55.	U		
100-01-6	4-Nitroaniline	7200.	U	7200.	U	6100.	U	2700.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	7200.	U	7200.	U	6100.	U	2700.	U		
86-30-6	N-Nitrosodiphenylamine	3000.	U	3000.	U	2500.	U	1100.	U		
101-55-3	4-Bromophenyl-phenylether	3000.	U	3000.	U	2500.	U	1100.	U		
118-74-1	Hexachlorobenzene	3000.	U	3000.	U	2500.	U	1100.	U		
87-86-5	Pentachlorophenol	7200.	U	7200.	U	6100.	U	2700.	U		
85-01-8	Phenanthrene	300.	U	300.	U	250.	U	110.	U		
120-12-7	Anthracene	300.	U	300.	U	250.	U	110.	U		
86-74-8	Carbazole	3000.	U	3000.	U	2500.	U	1100.	U		
84-74-2	Di-n-butylphthalate	250.	J	190.	J	130.	J	1100.	U		
206-44-0	Fluoranthene	200.	J	240.	J	190.	J	94.	J		
129-00-0	Pyrene	300.	U	210.	J	180.	J	120.			
85-68-7	Butylbenzylphthalate	3000.	U	3000.	U	2500.	U	1100.	U		
91-94-1	3,3'-Dichlorobenzidine	3000.	U	3000.	U	2500.	U	1100.	U		
56-55-3	Benzo(a)anthracene	300.	U	300.	U	250.	U	110.	U		
218-01-9	Chrysene	300.	U	300.	U	250.	U	110.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	230.	J	490.	J	2500.	U	220.	J		
117-84-0	Di-n-octylphthalate	3000.	U	3000.	U	2500.	U	1100.	U		
205-99-2	Benzo(b)fluoranthene	300.	U	200.	J	250.	J	79.	J		
207-08-9	Benzo(k)fluoranthene	300.	U	300.	U	250.	U	110.	U		
50-32-8	Benzo(a)pyrene	300.	U	300.	U	250.	U	59.	J		
193-39-5	Indeno(1,2,3-cd)pyrene	300.	U	300.	U	250.	U	110.	U		
53-70-3	Dibenz(a,h)anthracene	300.	U	300.	U	250.	U	110.	U		
191-24-2	Benzo(g,h,i)perylene	300.	U	300.	U	250.	U	110.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

TOC											
	SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01			
	ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401			
	LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08			
	ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401			
	SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95			
	DATE EXTRACTED -->	01/02/96		01/02/96		01/02/96		01/02/96			
	DATE ANALYZED --->	01/02/96		01/02/96		01/02/96		01/02/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL		
9999900-01-4	Total Organic Carbon (TOC)	121000.		149000.		112000.		395000.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-1501-01		041-M-1502-01		041-M-1503-01		041-M-1504-01		
		ORIGINAL ID ----->	041M150101		041M150201		041M150301		041M150401		
		LAB SAMPLE ID --->	951021-05		951021-06		951021-07		951021-08		
		ID FROM REPORT -->	041M150101		041M150201		041M150301		041M150401		
		SAMPLE DATE ----->	12/06/95		12/06/95		12/06/95		12/06/95		
		DATE ANALYZED --->	12/12/95		12/12/95		12/12/95		12/13/95		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		EM0050	VAL	EM0050	VAL	EM0050	VAL	EM0050	VAL	
74-87-3	Chloromethane		67.	UR	77.	U	71.	U	43.	U	
74-83-9	Bromomethane		67.	UR	77.	U	71.	U	43.	U	
75-01-4	Vinyl chloride		20.	UR	23.	U	21.	U	13.	U	
75-00-3	Chloroethane		67.	UR	77.	U	71.	U	43.	U	
75-09-2	Methylene chloride		100.	UR	34.	J	110.	U	43.	U	
67-64-1	Acetone		430.	UR	130.		1400.		43.	U	
75-15-0	Carbon disulfide		21.	UR	77.	U	71.	U	43.	U	
75-35-4	1,1-Dichloroethene		67.	UR	77.	U	71.	U	43.	U	
75-34-3	1,1-Dichloroethane		67.	UR	77.	U	71.	U	43.	U	
540-59-0	1,2-Dichloroethene (total)		67.	UR	77.	U	71.	U	43.	U	
67-66-3	Chloroform		67.	UR	77.	U	71.	U	43.	U	
107-06-2	1,2-Dichloroethane		67.	UR	77.	U	71.	U	43.	U	
78-93-3	2-Butanone (MEK)		67.	UR	77.	U	350.		43.	U	
71-55-6	1,1,1-Trichloroethane		67.	UR	77.	U	71.	U	43.	U	
56-23-5	Carbon tetrachloride		67.	UR	77.	U	71.	U	43.	U	
75-27-4	Bromodichloromethane		67.	UR	77.	U	71.	U	43.	U	
78-87-5	1,2-Dichloropropane		67.	UR	77.	U	71.	U	43.	U	
10061-01-5	cis-1,3-Dichloropropene		67.	UR	77.	U	71.	U	43.	U	
79-01-6	Trichloroethene		67.	UR	77.	U	71.	U	43.	U	
124-48-1	Dibromochloromethane		67.	UR	77.	U	71.	U	43.	U	
79-00-5	1,1,2-Trichloroethane		67.	UR	77.	U	71.	U	43.	U	
71-43-2	Benzene		67.	UR	77.	U	71.	U	43.	U	
10061-02-6	trans-1,3-Dichloropropene		67.	UR	77.	U	71.	U	43.	U	
75-25-2	Bromoform		67.	UR	77.	U	71.	U	43.	U	
108-10-1	4-Methyl-2-Pentanone (MIBK)		67.	UR	77.	U	71.	U	43.	U	
591-78-6	2-Hexanone		67.	UR	77.	U	71.	U	43.	U	
127-18-4	Tetrachloroethene		67.	UR	77.	U	71.	U	43.	U	
79-34-5	1,1,2,2-Tetrachloroethane		67.	UR	77.	U	71.	U	43.	U	
108-88-3	Toluene		67.	UR	77.	U	71.	U	43.	U	
108-90-7	Chlorobenzene		67.	UR	77.	U	71.	U	43.	U	
100-41-4	Ethylbenzene		67.	UR	77.	U	71.	U	43.	U	
100-42-5	Styrene		67.	UR	77.	U	71.	U	43.	U	
1330-20-7	Xylene (Total)		67.	UR	77.	U	71.	U	43.	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

% SOLID									
		SAMPLE ID ------->	041-M-1601-01		041-M-1602-01		041-M-1602-01		041-M-1603-01			
		ORIGINAL ID ----->	041M160101		041M160201		041M160201		041M160301			
		LAB SAMPLE ID --->	951029-02		951029-03		960182-17		951029-04			
		ID FROM REPORT -->	041M160101		041M160201		041M160201		041M160301			
		SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95		12/07/95			
		DATE EXTRACTED -->	01/18/96		01/18/96		03/22/96		01/18/96			
		DATE ANALYZED --->	01/20/96		01/20/96		04/11/96		01/20/96			
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
		UNITS ---------->	%		%		%		%			
CAS #	Parameter		EW0010	VAL	EW0010	VAL	Z13601	VAL	EW0010	VAL		
9999000-58-8	Percent Solids		82.		44.7		55.1		19.3			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-1601-01		041-M-1602-01		041-M-1602-01		041-M-1603-01			
	ORIGINAL ID ----->	041M160101		041M160201		041M160201		041M160301			
	LAB SAMPLE ID --->	GTX-939-01		GTX-939-02		GTX-1021-17		GTX-939-03			
	ID FROM REPORT -->	041M160101		041M160201		041M160201		041M160301			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	12/14/95		12/14/95		04/19/96		12/14/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	EW0010	VAL	EW0010	VAL	Z13601	VAL	EW0010	VAL		
9999900-32-7	Seive Size #10	100.	SP	100.	NA	100.	NA	100.	NA		
9999900-32-8	Seive Size #20	99.	SP	99.	NA	98.	NA	100.	NA		
9999900-32-9	Seive Size #40	66.	SP	73.	NA	83.	NA	96.	NA		
9999900-33-1	Seive Size #100	2.	SP	14.	NA	17.	NA	57.	NA		
9999900-33-0	Seive Size #60	12.	SP	28.	NA	40.	NA	74.	NA		
9999900-33-2	Seive Size #200	2.	SP	13.	NA	16.	NA	55.	NA		
9999900-33-3	Seive Size Pan	0.	SP	0.	NA	0.	NA	0.	NA		
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR			
9999900-32-6	Seive Size #4	100.	SP	NR		NR		NR			
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

HF METALS

SAMPLE ID ------->	041-M-1602-01
ORIGINAL ID ----->	041M160201
LAB SAMPLE ID --->	960182-17
ID FROM REPORT -->	041M160201
SAMPLE DATE ----->	12/07/95
DATE EXTRACTED -->	03/22/96
DATE ANALYZED --->	04/11/96
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	Z13601	VAL
7429-90-5	Aluminum	1370.	
7440-36-0	Antimony	15.1	J
7440-38-2	Arsenic	0.47	UJ
7440-39-3	Barium	8.4	U
7440-41-7	Beryllium	0.23	U
7440-43-9	Cadmium	0.47	UJ
7440-70-2	Calcium	54.4	U
7440-47-3	Chromium	20.4	
7440-48-4	Cobalt	1.9	U
7440-50-8	Copper	5.7	J
7439-89-6	Iron	5280.	
7439-92-1	Lead	11.	UJ
7439-95-4	Magnesium	12.6	U
7439-96-5	Manganese	20.7	
7440-02-0	Nickel	2.6	J
7440-09-7	Potassium	687.	J
7782-49-2	Selenium	0.93	UJ
7440-22-4	Silver	1.2	UR
7440-23-5	Sodium	2410.	U
7440-28-0	Thallium	0.93	UR
7440-62-2	Vanadium	10.6	J
7440-66-6	Zinc	14.1	J
7439-97-6	Mercury	0.05	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

METAL													
		SAMPLE ID ------->	001-M-0016-01		041-M-1601-01		041-M-1602-01		041-M-1603-01				
		ORIGINAL ID ----->	01M1601		041M160101		041M160201		041M160301				
		LAB SAMPLE ID --->	622186		951029-02		951029-03		951029-04				
		ID FROM REPORT -->	MAC006		041M160101		041M160201		041M160301				
		SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95		12/07/95				
		DATE EXTRACTED -->			01/03/96		01/03/96		01/03/96				
		DATE ANALYZED --->			01/03/96		01/03/96		01/03/96				
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG				
CAS #	Parameter		93612	VAL	EW0010	VAL	EW0010	VAL	EW0010	VAL			
7429-90-5	Aluminum		5120.	J	255.		3140.		8880.				
7440-36-0	Antimony		11.	U	0.65	UR	0.23	UR	0.53	UR			
7440-38-2	Arsenic		1.4	J	0.72		1.5		10.9				
7440-39-3	Barium		4.2		0.69	U	2.3	J	8.1	J			
7440-41-7	Beryllium		0.4	U	0.07	U	0.18	J	0.47	J			
7440-43-9	Cadmium		1.2	U	0.19	U	0.61		8.5				
7440-70-2	Calcium		464.	J	53.9	J	518.	J	2090.				
7440-47-3	Chromium		10.3		1.9		19.1		78.4				
7440-48-4	Cobalt		1.5	U	0.19	U	0.7	J	1.7	J			
7440-50-8	Copper		3.9	U	1.4	J	5.3		90.8				
7439-89-6	Iron		4680.	J	1330.		5420.		39500.				
7439-92-1	Lead		4.1	J	2.1		14.		182.				
7439-95-4	Magnesium		1190.		109.	J	1280.		3830.				
7439-96-5	Manganese		14.3		1.4		24.2		211.				
7439-97-6	Mercury		0.18	U	0.05	U	0.1	U	0.41	J			
7440-02-0	Nickel		14.5	U	0.78	U	1.9	J	8.4	J			
7440-09-7	Potassium		929.	U	42.9	J	512.	J	1580.				
7782-49-2	Selenium		1.4	U	0.19	U	0.4	J	0.84	J			
7440-22-4	Silver		1.5	U	0.26	U	0.45	U	1.8	J			
7440-23-5	Sodium		1890.		480.		3380.		12300.				
7440-28-0	Thallium		1.3	U	0.19	U	0.34	U	0.8	U			
7440-62-2	Vanadium		6.9		1.2	J	5.8		34.				
7440-66-6	Zinc		12.2		2.5		29.5		319.				
57-12-5	Cyanide (CN)		0.91	U	0.59	U	1.	U	2.6	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

PEST											
		SAMPLE ID ------->	001-M-0016-01		041-M-1601-01		041-M-1602-01		041-M-1603-01		
		ORIGINAL ID ----->	01M1601		041M160101		041M160201		041M160301		
		LAB SAMPLE ID --->	622183		951029-02		951029-03		951029-04		
		ID FROM REPORT -->	01M1601		041M160101		041M160201		041M160301		
		SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95		12/07/95		
		DATE EXTRACTED -->	07/08/94		12/17/95		12/17/95		12/17/95		
		DATE ANALYZED --->	07/18/94		01/23/96		01/23/96		01/24/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		00011	VAL	EW0010	VAL	EW0010	VAL	EW0010	VAL	
319-84-6	alpha-BHC		3.2	U	0.1	U	0.16	U	0.43	U	
319-85-7	beta-BHC		3.2	U	0.1	U	0.16	U	0.43	U	
319-86-8	delta-BHC		3.2	U	0.1	U	0.16	U	0.43	U	
58-89-9	gamma-BHC (Lindane)		3.2	U	0.1	U	0.16	U	0.43	U	
76-44-8	Heptachlor		3.2	U	0.1	U	0.16	U	0.43	U	
309-00-2	Aldrin		3.2	U	0.1	U	0.16	U	0.43	U	
1024-57-3	Heptachlor epoxide		3.2	U	0.1	U	0.16	U	0.43	U	
959-98-8	Endosulfan I		3.2	U	0.1	U	0.16	U	0.43	U	
60-57-1	Dieldrin		6.1	U	0.21	U	0.35	J	4.2	J	
72-55-9	4,4'-DDE		6.1	U	0.3	J	3.1	J	26.	J	
72-20-8	Endrin		6.1	U	0.21	U	0.33	U	0.88	U	
33213-65-9	Endosulfan II		6.1	U	0.21	U	0.33	U	0.88	U	
72-54-8	4,4'-DDD		0.41	J	0.27	J	1.5	J	4.8	J	
1031-07-8	Endosulfan sulfate		6.1	U	0.21	U	0.33	U	0.88	U	
50-29-3	4,4'-DDT		6.1	U	0.21	U	0.33	U	2.8	J	
72-43-5	Methoxychlor		32.	U	1.	U	1.6	U	4.3	U	
53494-70-5	Endrin ketone		6.1	U	0.21	U	0.33	U	0.88	U	
7421-93-4	Endrin aldehyde		6.1	U	0.21	U	0.33	U	0.88	U	
5103-71-9	alpha-Chlordane		3.2	U	0.1	U	0.16	U	0.47	J	
5103-74-2	gamma-Chlordane		3.2	U	0.1	U	0.16	U	0.43	U	
8001-35-2	Toxaphene		320.	U	10.	U	16.	U	43.	U	
12674-11-2	Aroclor-1016		61.	U	2.1	U	3.3	U	8.8	U	
11104-28-2	Aroclor-1221		120.	U	4.	U	6.4	U	17.	U	
11141-16-5	Aroclor-1232		61.	U	2.1	U	3.3	U	8.8	U	
53469-21-9	Aroclor-1242		61.	U	2.1	U	3.3	U	8.8	U	
12672-29-6	Aroclor-1248		61.	U	2.1	U	3.3	U	8.8	U	
11097-69-1	Aroclor-1254		61.	U	2.1	J	11.	J	78.	J	
11096-82-5	Aroclor-1260		61.	U	2.1	U	3.3	U	8.8	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	001-M-0016-01		041-M-1601-01		041-M-1602-01		041-M-1603-01			
	ORIGINAL ID ----->	01M1601		041M160101		041M160201		041M160301			
	LAB SAMPLE ID --->	622183		951029-02		951029-03		951029-04			
	ID FROM REPORT -->	01M1601		041M160101		041M160201		041M160301			
	SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95		12/07/95			
	DATE EXTRACTED -->	07/08/94		12/17/95		12/17/95		12/17/95			
	DATE ANALYZED --->	07/11/94		12/28/95		12/29/95		12/29/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00011	VAL	EW0010	VAL	EW0010	VAL	EW0010	VAL		
108-95-2	Phenol	620.	U	400.	U	640.	U	1700.	U		
111-44-4	bis(2-Chloroethyl)ether	620.	U	40.	U	64.	U	170.	U		
95-57-8	2-Chlorophenol	620.	U	400.	U	640.	U	1700.	U		
541-73-1	1,3-Dichlorobenzene	620.	U	400.	U	640.	U	1700.	U		
106-46-7	1,4-Dichlorobenzene	620.	U	400.	U	640.	U	1700.	U		
95-50-1	1,2-Dichlorobenzene	620.	U	400.	U	640.	U	1700.	U		
95-48-7	2-Methylphenol (o-Cresol)	620.	U	400.	U	640.	U	1700.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	620.	U	400.	U	640.	U	1700.	U		
106-44-5	4-Methylphenol (p-Cresol)	620.	U	400.	U	640.	U	1700.	U		
621-64-7	N-Nitroso-di-n-propylamine	620.	U	40.	U	64.	U	170.	U		
67-72-1	Hexachloroethane	620.	U	400.	U	640.	U	1700.	U		
98-95-3	Nitrobenzene	620.	U	400.	U	640.	U	1700.	U		
78-59-1	Isophorone	620.	U	400.	U	640.	U	1700.	U		
88-75-5	2-Nitrophenol	620.	U	400.	U	640.	U	1700.	U		
105-67-9	2,4-Dimethylphenol	620.	U	400.	U	640.	U	1700.	U		
111-91-1	bis(2-Chloroethoxy)methane	620.	U	400.	U	640.	U	1700.	U		
120-83-2	2,4-Dichlorophenol	620.	U	400.	U	640.	U	1700.	U		
120-82-1	1,2,4-Trichlorobenzene	620.	U	400.	U	640.	U	1700.	U		
91-20-3	Naphthalene	620.	U	40.	U	64.	U	170.	U		
106-47-8	4-Chloroaniline	620.	U	400.	UR	640.	UR	1700.	UR		
87-68-3	Hexachlorobutadiene	620.	U	400.	U	640.	U	1700.	U		
59-50-7	4-Chloro-3-methylphenol	620.	U	400.	U	640.	U	1700.	U		
91-57-6	2-Methylnaphthalene	620.	U	40.	UJ	64.	U	170.	U		
77-47-4	Hexachlorocyclopentadiene	620.	U	400.	U	640.	UJ	1700.	UJ		
88-06-2	2,4,6-Trichlorophenol	620.	U	400.	U	640.	U	1700.	U		
95-95-4	2,4,5-Trichlorophenol	1500.	U	980.	U	1500.	U	4100.	U		
91-58-7	2-Chloronaphthalene	620.	U	400.	U	640.	U	1700.	U		
88-74-4	2-Nitroaniline	1500.	U	400.	U	640.	U	1700.	U		
131-11-3	Dimethylphthalate	620.	U	400.	U	640.	U	1700.	U		
208-96-8	Acenaphthylene	620.	U	40.	U	64.	U	170.	U		
606-20-2	2,6-Dinitrotoluene	620.	U	400.	U	640.	U	1700.	U		
99-09-2	3-Nitroaniline	1500.	U	980.	U	1500.	U	4100.	U		
83-32-9	Acenaphthene	620.	U	20.	U	31.	U	83.	U		
51-28-5	2,4-Dinitrophenol	1500.	U	980.	U	1500.	U	4100.	U		
100-02-7	4-Nitrophenol	1500.	U	980.	U	1500.	U	4100.	U		
132-64-9	Dibenzofuran	620.	U	400.	U	640.	U	1700.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	001-M-0016-01		041-M-1601-01		041-M-1602-01		041-M-1603-01			
	ORIGINAL ID ----->	01M1601		041M160101		041M160201		041M160301			
	LAB SAMPLE ID --->	622183		951029-02		951029-03		951029-04			
	ID FROM REPORT -->	01M1601		041M160101		041M160201		041M160301			
	SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95		12/07/95			
	DATE EXTRACTED -->	07/08/94		12/17/95		12/17/95		12/17/95			
	DATE ANALYZED --->	07/11/94		12/28/95		12/29/95		12/29/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00011	VAL	EW0010	VAL	EW0010	VAL	EW0010	VAL		
121-14-2	2,4-Dinitrotoluene	620.	U	400.	U	640.	U	1700.	U		
84-66-2	Diethylphthalate	620.	U	400.	U	90.	J	1700.	U		
7005-72-3	4-Chlorophenylphenyl ether	620.	U	400.	U	640.	U	1700.	U		
86-73-7	Fluorene	620.	U	20.	U	31.	U	83.	U		
100-01-6	4-Nitroaniline	1500.	U	980.	U	1500.	U	4100.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	1500.	U	980.	U	1500.	U	4100.	U		
86-30-6	N-Nitrosodiphenylamine	620.	U	400.	U	640.	U	1700.	U		
101-55-3	4-Bromophenyl-phenylether	620.	U	400.	U	640.	U	1700.	U		
118-74-1	Hexachlorobenzene	620.	U	400.	U	640.	U	1700.	U		
87-86-5	Pentachlorophenol	1500.	U	980.	U	1500.	U	4100.	U		
85-01-8	Phenanthrene	620.	U	40.	U	64.	U	170.	U		
120-12-7	Anthracene	620.	U	40.	U	64.	U	170.	U		
86-74-8	Carbazole	620.	U	400.	U	640.	U	1700.	U		
84-74-2	Di-n-butylphthalate	620.	U	400.	U	34.	J	1700.	U		
206-44-0	Fluoranthene	620.	U	40.	U	58.	J	100.	J		
129-00-0	Pyrene	620.	U	40.	U	45.	J	110.	J		
85-68-7	Butylbenzylphthalate	620.	U	31.	J	640.	U	1700.	U		
91-94-1	3,3'-Dichlorobenzidine	620.	U	400.	U	640.	U	1700.	U		
56-55-3	Benzo(a)anthracene	620.	U	40.	U	64.	U	170.	U		
218-01-9	Chrysene	620.	U	40.	U	64.	U	170.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	620.	U	110.	J	180.	J	720.	J		
117-84-0	Di-n-octylphthalate	620.	U	400.	U	640.	U	1700.	U		
205-99-2	Benzo(b)fluoranthene	620.	U	40.	U	64.	U	100.	J		
207-08-9	Benzo(k)fluoranthene	620.	U	40.	U	64.	U	170.	U		
50-32-8	Benzo(a)pyrene	620.	U	40.	U	64.	U	170.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	620.	U	40.	U	64.	U	170.	U		
53-70-3	Dibenz(a,h)anthracene	620.	U	40.	U	64.	U	170.	U		
191-24-2	Benzo(g,h,i)perylene	620.	U	40.	U	64.	U	170.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-1601-01		041-M-1602-01		041-M-1603-01		
	ORIGINAL ID ----->	041M160101		041M160201		041M160301		
	LAB SAMPLE ID --->	951029-02		951029-03		951029-04		
	ID FROM REPORT -->	041M160101		041M160201		041M160301		
	SAMPLE DATE ----->	12/07/95		12/07/95		12/07/95		
	DATE EXTRACTED -->	01/03/96		01/03/96		01/03/96		
	DATE ANALYZED --->	01/03/96		01/03/96		01/03/96		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	EW0010	VAL	EW0010	VAL	EW0010	VAL	
9999900-01-4	Total Organic Carbon (TOC)	1440.		12600.		55300.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Sediment Samples

VOA											
	SAMPLE ID ------->	001-M-0016-01		041-M-1601-01		041-M-1602-01		041-M-1603-01			
	ORIGINAL ID ----->	01M1601		041M160101		041M160201		041M160301			
	LAB SAMPLE ID --->	622183		951029-02		951029-03		951029-04			
	ID FROM REPORT -->	01M1601		041M160101		041M160201		041M160301			
	SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95		12/07/95			
	DATE ANALYZED --->	07/07/94		12/14/95		12/14/95		12/15/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00011	VAL	EW0010	VAL	EW0010	VAL	EW0010	VAL		
74-87-3	Chloromethane	19.	U	12.	U	17.	U	45.	U		
74-83-9	Bromomethane	19.	U	12.	U	17.	U	45.	U		
75-01-4	Vinyl chloride	19.	U	4.	U	5.	U	14.	U		
75-00-3	Chloroethane	19.	U	12.	U	17.	U	45.	U		
75-09-2	Methylene chloride	20.	U	12.	U	55.	U	110.			
67-64-1	Acetone	50.	U	12.	UJ	130.	U	330.	U		
75-15-0	Carbon disulfide	19.	U	12.	U	17.	U	45.	U		
75-35-4	1,1-Dichloroethene	19.	U	12.	U	17.	U	45.	U		
75-34-3	1,1-Dichloroethane	19.	U	12.	U	17.	U	45.	U		
540-59-0	1,2-Dichloroethene (total)	19.	U	12.	U	17.	U	45.	U		
67-66-3	Chloroform	19.	U	12.	U	17.	U	45.	U		
107-06-2	1,2-Dichloroethane	19.	U	12.	U	17.	U	45.	U		
78-93-3	2-Butanone (MEK)	19.	U	12.	U	17.	U	45.	U		
71-55-6	1,1,1-Trichloroethane	19.	U	12.	U	17.	U	45.	U		
56-23-5	Carbon tetrachloride	19.	U	12.	U	17.	U	45.	U		
75-27-4	Bromodichloromethane	19.	U	12.	U	17.	U	45.	U		
78-87-5	1,2-Dichloropropane	19.	U	12.	U	17.	U	45.	U		
10061-01-5	cis-1,3-Dichloropropene	19.	U	12.	U	17.	U	45.	U		
79-01-6	Trichloroethene	19.	U	12.	U	17.	U	45.	U		
124-48-1	Dibromochloromethane	19.	U	12.	U	17.	U	45.	U		
79-00-5	1,1,2-Trichloroethane	19.	U	12.	U	17.	U	45.	U		
71-43-2	Benzene	19.	U	12.	U	17.	U	45.	U		
10061-02-6	trans-1,3-Dichloropropene	19.	U	12.	U	17.	U	45.	U		
75-25-2	Bromoform	19.	U	12.	U	17.	U	45.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	19.	U	12.	U	17.	U	45.	U		
591-78-6	2-Hexanone	19.	U	12.	U	17.	U	45.	U		
127-18-4	Tetrachloroethene	19.	U	12.	U	17.	U	45.	U		
79-34-5	1,1,2,2-Tetrachloroethane	19.	U	12.	U	17.	U	45.	U		
108-88-3	Toluene	19.	U	12.	U	17.	U	45.	U		
108-90-7	Chlorobenzene	19.	U	12.	U	17.	U	45.	U		
100-41-4	Ethylbenzene	19.	U	12.	U	17.	U	45.	U		
100-42-5	Styrene	19.	U	12.	U	17.	U	45.	U		
1330-20-7	Xylene (Total)	19.	U	12.	U	17.	U	45.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01				
	ORIGINAL ID ----->	041M170101		041M170201		041M170301				
	LAB SAMPLE ID --->	960025-03		960025-04		960025-05				
	ID FROM REPORT -->	041M170101		041M170201		041M170301				
	SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96				
	DATE EXTRACTED -->	02/03/96		02/03/96		02/03/96				
	DATE ANALYZED --->	02/05/96		02/05/96		02/05/96				
	MATRIX --------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL			
9999000-58-8	Percent Solids	75.3		81.3		78.3				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
	ORIGINAL ID ----->	041M170101		041M170201		041M170301					
	LAB SAMPLE ID --->	GTX-955-01		GTX-955-02		GTX-955-03					
	ID FROM REPORT -->	041M170101		041M170201		041M170301					
	SAMPLE DATE ----->										
	DATE ANALYZED --->	01/19/96		01/19/96		01/19/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	%		%		%					
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL				
9999900-32-7	Seive Size #10	100.	SP	100.	SP	100.	SP				
9999900-32-8	Seive Size #20	100.	SP	100.	SP	100.	SP				
9999900-32-9	Seive Size #40	80.	SP	83.	SP	82.	SP				
9999900-33-1	Seive Size #100	4.	SP	4.	SP	5.	SP				
9999900-33-0	Seive Size #60	33.	SP	38.	SP	37.	SP				
9999900-33-2	Seive Size #200	3.	SP	2.	SP	3.	SP				
9999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	SP				
9999900-32-5	Seive Size 0.375"	NR		NR		NR					
9999900-32-6	Seive Size #4	NR		NR		NR					
9999900-33-4	Seive Size 1"	NR		NR		NR					
9999900-33-5	Seive Size .75"	NR		NR		NR					
9999900-33-6	Seive Size .5"	NR		NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
	ORIGINAL ID ----->	041M170101		041M170201		041M170301					
	LAB SAMPLE ID --->	960025-03		960025-04		960025-05					
	ID FROM REPORT -->	041M170101		041M170201		041M170301					
	SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96					
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96					
	DATE ANALYZED --->	01/22/96		01/22/96		01/22/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL				
7429-90-5	Aluminum	516.		438.		842.					
7440-36-0	Antimony	0.13	UJ	0.13	UJ	0.13	UJ				
7440-38-2	Arsenic	0.58	J	0.34	J	0.27	J				
7440-39-3	Barium	0.48	J	0.5	J	0.73	J				
7440-41-7	Beryllium	0.07	U	0.06	U	0.07	U				
7440-43-9	Cadmium	0.13	U	0.13	U	0.18	U				
7440-70-2	Calcium	76.2	J	57.5	J	129.	J				
7440-47-3	Chromium	2.1		3.		3.6					
7440-48-4	Cobalt	0.13	U	0.14	J	0.17	J				
7440-50-8	Copper	0.87	J	0.75	J	1.3	J				
7439-89-6	Iron	727.		467.		1190.					
7439-92-1	Lead	2.2		2.2		3.4					
7439-95-4	Magnesium	160.	J	114.	J	320.	J				
7439-96-5	Manganese	1.7		0.8	J	2.4					
7439-97-6	Mercury	0.05	U	0.05	U	0.06	U				
7440-02-0	Nickel	0.6	U	0.56	U	0.59	U				
7440-09-7	Potassium	58.7	J	39.1	J	119.	J				
7782-49-2	Selenium	0.27	UJ	0.25	UJ	0.26	UJ				
7440-22-4	Silver	0.34	U	0.31	U	0.33	U				
7440-23-5	Sodium	513.		275.	J	1350.					
7440-28-0	Thallium	0.31	J	0.25	U	0.26	U				
7440-62-2	Vanadium	1.4	J	1.6	J	2.1	J				
7440-66-6	Zinc	2.4		1.8		4.2					
57-12-5	Cyanide (CN)	0.63	U	0.59	U	0.61	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

PEST												
		SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
		ORIGINAL ID ----->	041M170101		041M170201		041M170301					
		LAB SAMPLE ID --->	960025-03		960025-04		960025-05					
		ID FROM REPORT -->	041M170101		041M170201		041M170301					
		SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96					
		DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96					
		DATE ANALYZED --->	02/06/96		02/06/96		02/06/96					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL				
319-84-6	alpha-BHC		0.11	UJ	0.1	UJ	0.094	UJ				
319-85-7	beta-BHC		0.11	U	0.1	U	0.094	U				
319-86-8	delta-BHC		0.11	U	0.1	U	0.094	U				
58-89-9	gamma-BHC (Lindane)		0.11	U	0.2	J	0.51					
76-44-8	Heptachlor		0.11	U	0.1	U	0.094	U				
309-00-2	Aldrin		0.11	U	0.1	U	0.094	U				
1024-57-3	Heptachlor epoxide		0.11	U	0.1	U	0.094	U				
959-98-8	Endosulfan I		0.11	U	0.1	U	0.094	U				
60-57-1	Dieldrin		0.23	U	0.21	U	0.19	U				
72-55-9	4,4'-DDE		0.3		0.21	U	0.19	U				
72-20-8	Endrin		0.23	U	0.21	U	0.19	U				
33213-65-9	Endosulfan II		0.23	U	0.21	U	0.19	U				
72-54-8	4,4'-DDD		0.23	J	0.21	U	0.19	U				
1031-07-8	Endosulfan sulfate		0.23	U	0.21	U	0.19	U				
50-29-3	4,4'-DDT		0.23	U	0.21	U	0.19	U				
72-43-5	Methoxychlor		1.1	U	1.	U	0.94	U				
53494-70-5	Endrin ketone		0.23	U	0.21	U	0.19	U				
7421-93-4	Endrin aldehyde		0.23	U	0.21	U	0.19	U				
5103-71-9	alpha-Chlordane		0.11	U	0.1	U	0.094	U				
5103-74-2	gamma-Chlordane		0.11	U	0.1	U	0.094	U				
8001-35-2	Toxaphene		23.	U	21.	U	19.	U				
12674-11-2	Aroclor-1016		2.3	U	2.1	U	1.9	U				
11104-28-2	Aroclor-1221		4.5	U	4.	U	3.7	U				
11141-16-5	Aroclor-1232		2.3	U	2.1	U	1.9	U				
53469-21-9	Aroclor-1242		2.3	U	2.1	U	1.9	U				
12672-29-6	Aroclor-1248		2.3	U	2.1	U	1.9	U				
11097-69-1	Aroclor-1254		2.3	U	2.1	U	1.9	U				
11096-82-5	Aroclor-1260		2.8		0.87	J	0.7	J				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

SVOA												
		SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
		ORIGINAL ID ----->	041M170101		041M170201		041M170301					
		LAB SAMPLE ID --->	960025-03		960025-04		960025-05					
		ID FROM REPORT -->	041M170101		041M170201		041M170301					
		SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96					
		DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96					
		DATE ANALYZED --->	01/26/96		01/24/96		01/24/96					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL				
108-95-2	Phenol		450.	U	400.	U	370.	U				
111-44-4	bis(2-Chloroethyl)ether		45.	U	40.	U	37.	U				
95-57-8	2-Chlorophenol		450.	U	400.	U	370.	U				
541-73-1	1,3-Dichlorobenzene		450.	U	400.	U	370.	U				
106-46-7	1,4-Dichlorobenzene		450.	U	400.	U	370.	U				
95-50-1	1,2-Dichlorobenzene		450.	U	400.	U	370.	U				
95-48-7	2-Methylphenol (o-Cresol)		450.	U	400.	U	370.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		450.	U	400.	U	370.	U				
106-44-5	4-Methylphenol (p-Cresol)		450.	U	400.	U	370.	U				
621-64-7	N-Nitroso-di-n-propylamine		45.	U	40.	U	37.	U				
67-72-1	Hexachloroethane		450.	U	400.	U	370.	U				
98-95-3	Nitrobenzene		450.	U	400.	U	370.	U				
78-59-1	Isophorone		450.	U	400.	U	370.	U				
88-75-5	2-Nitrophenol		450.	U	400.	U	370.	U				
105-67-9	2,4-Dimethylphenol		450.	U	400.	U	370.	U				
111-91-1	bis(2-Chloroethoxy)methane		450.	U	400.	U	370.	U				
120-83-2	2,4-Dichlorophenol		450.	U	400.	U	370.	U				
120-82-1	1,2,4-Trichlorobenzene		450.	U	400.	U	370.	U				
91-20-3	Naphthalene		45.	U	40.	U	37.	U				
106-47-8	4-Chloroaniline		450.	UJ	400.	U	370.	U				
87-68-3	Hexachlorobutadiene		450.	U	400.	U	370.	U				
59-50-7	4-Chloro-3-methylphenol		450.	U	400.	U	370.	U				
91-57-6	2-Methylnaphthalene		45.	U	40.	U	37.	U				
77-47-4	Hexachlorocyclopentadiene		450.	U	400.	U	370.	U				
88-06-2	2,4,6-Trichlorophenol		450.	U	400.	U	370.	U				
95-95-4	2,4,5-Trichlorophenol		1100.	U	970.	U	900.	U				
91-58-7	2-Chloronaphthalene		450.	U	400.	U	370.	U				
88-74-4	2-Nitroaniline		450.	U	400.	U	370.	U				
131-11-3	Dimethylphthalate		450.	U	400.	U	370.	U				
208-96-8	Acenaphthylene		45.	U	40.	U	37.	U				
606-20-2	2,6-Dinitrotoluene		450.	U	400.	U	370.	U				
99-09-2	3-Nitroaniline		1100.	U	970.	U	900.	U				
83-32-9	Acenaphthene		22.	U	19.	U	18.	U				
51-28-5	2,4-Dinitrophenol		1100.	U	970.	UJ	900.	UJ				
100-02-7	4-Nitrophenol		1100.	U	970.	U	900.	U				
132-64-9	Dibenzofuran		450.	U	400.	U	370.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
	ORIGINAL ID ----->	041M170101		041M170201		041M170301					
	LAB SAMPLE ID --->	960025-03		960025-04		960025-05					
	ID FROM REPORT -->	041M170101		041M170201		041M170301					
	SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96					
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96					
	DATE ANALYZED --->	01/26/96		01/24/96		01/24/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL				
121-14-2	2,4-Dinitrotoluene	450.	U	400.	U	370.	U				
84-66-2	Diethylphthalate	450.	U	400.	U	370.	U				
7005-72-3	4-Chlorophenylphenyl ether	450.	U	400.	U	370.	U				
86-73-7	Fluorene	22.	U	19.	U	18.	U				
100-01-6	4-Nitroaniline	1100.	U	970.	U	900.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	970.	UJ	900.	UJ				
86-30-6	N-Nitrosodiphenylamine	450.	U	400.	U	370.	U				
101-55-3	4-Bromophenyl-phenylether	450.	U	400.	U	370.	U				
118-74-1	Hexachlorobenzene	450.	U	400.	U	370.	U				
87-86-5	Pentachlorophenol	1100.	U	970.	U	900.	U				
85-01-8	Phenanthrene	45.	U	40.	U	37.	U				
120-12-7	Anthracene	45.	U	40.	U	37.	U				
86-74-8	Carbazole	450.	U	400.	U	370.	U				
84-74-2	Di-n-butylphthalate	450.	U	400.	U	370.	U				
206-44-0	Fluoranthene	45.	U	40.	U	37.	U				
129-00-0	Pyrene	45.	U	40.	U	37.	U				
85-68-7	Butylbenzylphthalate	450.	U	400.	U	370.	U				
91-94-1	3,3'-Dichlorobenzidine	450.	U	400.	U	370.	U				
56-55-3	Benzo(a)anthracene	45.	U	40.	U	37.	U				
218-01-9	Chrysene	45.	U	40.	U	37.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	450.	U	2300.		370.	U				
117-84-0	Di-n-octylphthalate	450.	U	400.	U	370.	U				
205-99-2	Benzo(b)fluoranthene	45.	U	40.	U	37.	U				
207-08-9	Benzo(k)fluoranthene	45.	U	40.	U	37.	U				
50-32-8	Benzo(a)pyrene	45.	U	40.	U	37.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	45.	U	40.	U	37.	U				
53-70-3	Dibenz(a,h)anthracene	45.	U	40.	U	37.	U				
191-24-2	Benzo(g,h,i)perylene	45.	U	40.	U	37.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01		
	ORIGINAL ID ----->	041M170101		041M170201		041M170301		
	LAB SAMPLE ID --->	960025-03		960025-04		960025-05		
	ID FROM REPORT -->	041M170101		041M170201		041M170301		
	SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96		
	DATE EXTRACTED -->	01/23/96		01/23/96		01/23/96		
	DATE ANALYZED --->	01/23/96		01/23/96		01/23/96		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	
9999900-01-4	Total Organic Carbon (TOC)	4130.		1670.		2230.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Sediment Samples

VOA												
		SAMPLE ID ------->	041-M-1701-01		041-M-1702-01		041-M-1703-01					
		ORIGINAL ID ----->	041M170101		041M170201		041M170301					
		LAB SAMPLE ID --->	960025-03		960025-04		960025-05					
		ID FROM REPORT -->	041M170101		041M170201		041M170301					
		SAMPLE DATE ----->	01/15/96		01/15/96		01/15/96					
		DATE ANALYZED --->	01/17/96		01/17/96		01/17/96					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL				
74-87-3	Chloromethane		13.	U	12.	U	13.	U				
74-83-9	Bromomethane		13.	U	12.	U	13.	U				
75-01-4	Vinyl chloride		4.	U	4.	U	4.	U				
75-00-3	Chloroethane		13.	U	12.	U	13.	U				
75-09-2	Methylene chloride		13.	U	12.	U	13.	U				
67-64-1	Acetone		13.	U	12.	U	14.	U				
75-15-0	Carbon disulfide		13.	U	12.	U	13.	U				
75-35-4	1,1-Dichloroethene		13.	U	12.	U	13.	U				
75-34-3	1,1-Dichloroethane		13.	U	12.	U	13.	U				
540-59-0	1,2-Dichloroethene (total)		13.	U	12.	U	13.	U				
67-66-3	Chloroform		13.	U	12.	U	13.	U				
107-06-2	1,2-Dichloroethane		13.	U	12.	U	13.	U				
78-93-3	2-Butanone (MEK)		13.	U	12.	U	13.	U				
71-55-6	1,1,1-Trichloroethane		13.	U	12.	U	13.	U				
56-23-5	Carbon tetrachloride		13.	U	12.	U	13.	U				
75-27-4	Bromodichloromethane		13.	U	12.	U	13.	U				
78-87-5	1,2-Dichloropropane		13.	U	12.	U	13.	U				
10061-01-5	cis-1,3-Dichloropropene		13.	U	12.	U	13.	U				
79-01-6	Trichloroethene		13.	U	12.	U	13.	U				
124-48-1	Dibromochloromethane		13.	U	12.	U	13.	U				
79-00-5	1,1,2-Trichloroethane		13.	U	12.	U	13.	U				
71-43-2	Benzene		13.	U	12.	U	13.	U				
10061-02-6	trans-1,3-Dichloropropene		13.	U	12.	U	13.	U				
75-25-2	Bromoform		13.	U	12.	U	13.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)		13.	U	12.	U	13.	U				
591-78-6	2-Hexanone		13.	U	12.	U	13.	U				
127-18-4	Tetrachloroethene		13.	U	12.	U	13.	U				
79-34-5	1,1,2,2-Tetrachloroethane		13.	U	12.	U	13.	U				
108-88-3	Toluene		13.	U	12.	U	13.	U				
108-90-7	Chlorobenzene		2.	J	12.	U	13.	U				
100-41-4	Ethylbenzene		13.	U	12.	U	13.	U				
100-42-5	Styrene		13.	U	12.	U	13.	U				
1330-20-7	Xylene (Total)		13.	U	12.	U	13.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-18A1-01		041-M-18A2-01		041-M-18A3-01				
	ORIGINAL ID ----->	041M18A101		041M18A201		041M18A301				
	LAB SAMPLE ID --->	951050-18		951050-19		951050-05				
	ID FROM REPORT -->	041M18A101		041M18A201		041M18A301				
	SAMPLE DATE ----->	12/15/95		12/15/95		12/14/95				
	DATE EXTRACTED -->	01/21/96		01/21/96		01/21/96				
	DATE ANALYZED --->	01/23/96		01/23/96		01/23/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	EMD060	VAL	EMD060	VAL	EMD060	VAL			
9999000-58-8	Percent Solids	13.2		8.8		8.7				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

GRAIN SIZE											
		SAMPLE ID ------->	041-M-18A1-01		041-M-18A2-01		041-M-18A3-01				
		ORIGINAL ID ----->	041M18A101		041M18A201		041M18A301				
		LAB SAMPLE ID --->	GTX-945-03		GTX-945-04		GTX-945-01				
		ID FROM REPORT -->	041M18A101		041M18A201		041M18A301				
		SAMPLE DATE ----->									
		DATE ANALYZED --->	12/20/95		12/20/95		12/20/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	%		%		%				
CAS #	Parameter		EMD060	VAL	EMD060	VAL	EMD060	VAL			
9999900-32-7	Seive Size #10		100.	NA	100.	NA	100.	NA			
9999900-32-8	Seive Size #20		90.	NA	98.	NA	99.	NA			
9999900-32-9	Seive Size #40		78.	NA	97.	NA	98.	NA			
9999900-33-1	Seive Size #100		58.	NA	24.	NA	96.	NA			
9999900-33-0	Seive Size #60		60.	NA	61.	NA	97.	NA			
9999900-33-2	Seive Size #200		53.	NA	6.	NA	96.	NA			
9999900-33-3	Seive Size Pan		0.	NA	0.	NA	0.	NA			
9999900-32-5	Seive Size 0.375"		NR		NR		NR				
9999900-32-6	Seive Size #4		NR		NR		NR				
9999900-33-4	Seive Size 1"		NR		NR		NR				
9999900-33-5	Seive Size .75"		NR		NR		NR				
9999900-33-6	Seive Size .5"		NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	001-M-0018-01		041-M-18A1-01		041-M-18A2-01		041-M-18A3-01			
	ORIGINAL ID ----->	01M1801		041M18A101		041M18A201		041M18A301			
	LAB SAMPLE ID --->	622187		951050-18		951050-19		951050-05			
	ID FROM REPORT -->	MAC007		041M18A101		041M18A201		041M18A301			
	SAMPLE DATE ----->	06/29/94		12/15/95		12/15/95		12/14/95			
	DATE EXTRACTED -->			01/09/96		01/09/96		01/09/96			
	DATE ANALYZED --->			01/09/96		01/09/96		01/09/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG			
CAS #	Parameter	93612	VAL	EMD060	VAL	EMD060	VAL	EMD060	VAL		
7429-90-5	Aluminum	8120.	J	9540.		2720.		1550.			
7440-36-0	Antimony	64.3	U	0.77	UJ	5.8	UJ	1.2	UJ		
7440-38-2	Arsenic	8.4	J	2.9	J	31.4		2.9	J		
7440-39-3	Barium	35.9		17.9	J	25.9	J	18.3	J		
7440-41-7	Beryllium	2.3	U	0.38	U	0.58	U	0.61	U		
7440-43-9	Cadmium	7.2	U	1.2	U	1.7	U	1.8	U		
7440-70-2	Calcium	6840.	J	228.	J	4840.		3250.			
7440-47-3	Chromium	11.1	U	5.8		8.9		6.3			
7440-48-4	Cobalt	8.7	U	1.2	U	1.7	U	1.8	U		
7440-50-8	Copper	23.	U	22.6		5.2	J	11.5	J		
7439-89-6	Iron	15000.	J	805.		48200.		11400.			
7439-92-1	Lead	63.3	J	70.1		45.4		66.			
7439-95-4	Magnesium	951.		206.	J	510.	J	1890.	J		
7439-96-5	Manganese	105.		15.3		77.		31.2			
7439-97-6	Mercury	1.1	U	0.3	U	0.54	U	0.48	U		
7440-02-0	Nickel	84.9	U	4.6	U	7.	U	7.3	U		
7440-09-7	Potassium	5440.	U	151.	J	254.	J	322.	J		
7782-49-2	Selenium	8.3	UJ	3.8		1.7	U	2.9	J		
7440-22-4	Silver	8.5	U	1.5	U	2.3	U	2.4	U		
7440-23-5	Sodium	738.		153.	J	191.	J	630.	J		
7440-28-0	Thallium	7.7	U	1.2	UJ	1.7	UJ	1.8	UJ		
7440-62-2	Vanadium	16.	U	9.	J	8.2	J	7.3	J		
7440-66-6	Zinc	17.1		6.7	J	10.4	J	12.7			
57-12-5	Cyanide (CN)	5.3	U	3.7	U	5.6	U	5.7	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	001-M-0018-01		041-M-18A1-01		041-M-18A2-01		041-M-18A3-01			
	ORIGINAL ID ----->	01M1801		041M18A101		041M18A201		041M18A301			
	LAB SAMPLE ID --->	622184		951050-18		951050-19		951050-05			
	ID FROM REPORT -->	01M1801		041M18A101		041M18A201		041M18A301			
	SAMPLE DATE ----->	06/29/94		12/15/95		12/15/95		12/14/95			
	DATE EXTRACTED -->	07/08/94		12/19/95		12/19/95		12/19/95			
	DATE ANALYZED --->	07/18/94		01/27/96		01/25/96		01/25/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00011	VAL	EMD060	VAL	EMD060	VAL	EMD060	VAL		
319-84-6	alpha-BHC	19.	U	2.9	UJ	1.2	UJ	0.82	UJ		
319-85-7	beta-BHC	19.	U	2.9	U	1.3	J	0.82	U		
319-86-8	delta-BHC	19.	U	2.9	U	1.2	U	0.82	U		
58-89-9	gamma-BHC (Lindane)	19.	U	2.9	U	1.2	U	0.82	U		
76-44-8	Heptachlor	19.	U	2.9	U	1.2	U	0.82	U		
309-00-2	Aldrin	19.	U	2.9	U	3.7		0.82	U		
1024-57-3	Heptachlor epoxide	19.	U	2.9	U	1.2	U	0.82	U		
959-98-8	Endosulfan I	19.	U	2.9	U	1.2	U	0.82	U		
60-57-1	Dieldrin	37.	U	6.	U	2.4	U	1.7	U		
72-55-9	4,4'-DDE	150.		270.	D	57.	DJ	14.	J		
72-20-8	Endrin	13.	J	6.	U	2.4	U	1.7	U		
33213-65-9	Endosulfan II	37.	U	6.	U	2.4	U	1.7	U		
72-54-8	4,4'-DDD	150.		930.	D	49.	DJ	16.			
1031-07-8	Endosulfan sulfate	37.	U	6.	U	2.4	U	1.7	U		
50-29-3	4,4'-DDT	37.	U	1200.	D	310.	D	1.9	J		
72-43-5	Methoxychlor	190.	U	29.	U	12.	U	8.2	U		
53494-70-5	Endrin ketone	37.	U	6.	U	6.5	J	1.7	U		
7421-93-4	Endrin aldehyde	37.	U	6.	U	2.4	U	1.7	U		
5103-71-9	alpha-Chlordane	12.	J	2.9	U	4.8	J	0.82	U		
5103-74-2	gamma-Chlordane	9.5	J	2.9	U	1.2	U	0.82	U		
8001-35-2	Toxaphene	1900.	U	290.	U	120.	U	82.	U		
12674-11-2	Aroclor-1016	370.	U	60.	U	24.	U	17.	U		
11104-28-2	Aroclor-1221	740.	U	120.	U	47.	U	33.	U		
11141-16-5	Aroclor-1232	370.	U	60.	U	24.	U	17.	U		
53469-21-9	Aroclor-1242	370.	U	60.	U	24.	U	17.	U		
12672-29-6	Aroclor-1248	370.	U	60.	U	24.	U	17.	U		
11097-69-1	Aroclor-1254	370.	U	60.	U	24.	U	17.	U		
11096-82-5	Aroclor-1260	370.	U	60.	U	24.	U	17.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

SVOA											
		SAMPLE ID ------->	001-M-0018-01		041-M-18A1-01		041-M-18A2-01		041-M-18A3-01		
		ORIGINAL ID ----->	01M1801		041M18A101		041M18A201		041M18A301		
		LAB SAMPLE ID --->	622184		951050-18		951050-19		951050-05		
		ID FROM REPORT -->	01M1801		041M18A101		041M18A201		041M18A301		
		SAMPLE DATE ----->	06/29/94		12/15/95		12/15/95		12/14/95		
		DATE EXTRACTED -->	07/08/94		12/19/95		12/19/95		12/19/95		
		DATE ANALYZED --->	07/12/94		01/13/96		01/13/96		01/13/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		00011	VAL	EMD060	VAL	EMD060	VAL	EMD060	VAL	
108-95-2	Phenol		3600.	U	2300.	U	4700.	U	3300.	U	
111-44-4	bis(2-Chloroethyl)ether		3600.	U	230.	U	470.	U	330.	U	
95-57-8	2-Chlorophenol		3600.	U	2300.	U	4700.	U	3300.	U	
541-73-1	1,3-Dichlorobenzene		3600.	U	2300.	U	4700.	U	3300.	U	
106-46-7	1,4-Dichlorobenzene		3600.	U	2300.	U	1100.	J	3300.	U	
95-50-1	1,2-Dichlorobenzene		3600.	U	2300.	U	4700.	U	3300.	U	
95-48-7	2-Methylphenol (o-Cresol)		3600.	U	2300.	U	4700.	U	3300.	U	
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		3600.	U	2300.	U	4700.	U	3300.	U	
106-44-5	4-Methylphenol (p-Cresol)		3600.	U	2300.	U	330.	J	170.	J	
621-64-7	N-Nitroso-di-n-propylamine		3600.	U	230.	U	470.	U	330.	U	
67-72-1	Hexachloroethane		3600.	U	2300.	U	4700.	U	3300.	U	
98-95-3	Nitrobenzene		3600.	U	2300.	U	4700.	U	3300.	U	
78-59-1	Isophorone		3600.	U	2300.	U	4700.	U	3300.	U	
88-75-5	2-Nitrophenol		3600.	U	2300.	U	4700.	U	3300.	U	
105-67-9	2,4-Dimethylphenol		3600.	U	2300.	U	4700.	U	3300.	U	
111-91-1	bis(2-Chloroethoxy)methane		3600.	U	2300.	U	4700.	U	3300.	U	
120-83-2	2,4-Dichlorophenol		3600.	U	2300.	U	4700.	U	3300.	U	
120-82-1	1,2,4-Trichlorobenzene		3600.	U	2300.	U	4700.	U	3300.	U	
91-20-3	Naphthalene		3600.	U	230.	U	300.	J	330.	U	
106-47-8	4-Chloroaniline		3600.	U	2300.	U	4700.	U	3300.	U	
87-68-3	Hexachlorobutadiene		3600.	U	2300.	U	4700.	U	3300.	U	
59-50-7	4-Chloro-3-methylphenol		3600.	U	2300.	U	4700.	U	3300.	U	
91-57-6	2-Methylnaphthalene		3600.	U	230.	U	470.	U	330.	U	
77-47-4	Hexachlorocyclopentadiene		3600.	U	2300.	U	4700.	U	3300.	U	
88-06-2	2,4,6-Trichlorophenol		3600.	U	2300.	U	4700.	U	3300.	U	
95-95-4	2,4,5-Trichlorophenol		8800.	U	5700.	U	11000.	U	7900.	U	
91-58-7	2-Chloronaphthalene		3600.	U	2300.	U	4700.	U	3300.	U	
88-74-4	2-Nitroaniline		8800.	U	2300.	U	4700.	U	3300.	U	
131-11-3	Dimethylphthalate		3600.	U	2300.	U	4700.	U	3300.	U	
208-96-8	Acenaphthylene		3600.	U	230.	U	470.	U	330.	U	
606-20-2	2,6-Dinitrotoluene		3600.	U	2300.	U	4700.	U	3300.	U	
99-09-2	3-Nitroaniline		8800.	U	5700.	U	11000.	U	7900.	U	
83-32-9	Acenaphthene		3600.	U	110.	U	230.	U	160.	U	
51-28-5	2,4-Dinitrophenol		8800.	U	5700.	U	11000.	U	7900.	U	
100-02-7	4-Nitrophenol		8800.	U	5700.	U	11000.	U	7900.	U	
132-64-9	Dibenzofuran		3600.	U	2300.	U	4700.	U	3300.	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	001-M-0018-01		041-M-18A1-01		041-M-18A2-01		041-M-18A3-01			
	ORIGINAL ID ----->	01M1801		041M18A101		041M18A201		041M18A301			
	LAB SAMPLE ID --->	622184		951050-18		951050-19		951050-05			
	ID FROM REPORT -->	01M1801		041M18A101		041M18A201		041M18A301			
	SAMPLE DATE ----->	06/29/94		12/15/95		12/15/95		12/14/95			
	DATE EXTRACTED -->	07/08/94		12/19/95		12/19/95		12/19/95			
	DATE ANALYZED --->	07/12/94		01/13/96		01/13/96		01/13/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	00011	VAL	EMD060	VAL	EMD060	VAL	EMD060	VAL		
121-14-2	2,4-Dinitrotoluene	3600.	U	2300.	U	4700.	U	3300.	U		
84-66-2	Diethylphthalate	3600.	U	2300.	U	4700.	U	3300.	U		
7005-72-3	4-Chlorophenylphenyl ether	3600.	U	2300.	U	4700.	U	3300.	U		
86-73-7	Fluorene	3600.	U	110.	U	230.	U	160.	U		
100-01-6	4-Nitroaniline	8800.	U	5700.	U	11000.	U	7900.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	8800.	U	5700.	U	11000.	U	7900.	U		
86-30-6	N-Nitrosodiphenylamine	3600.	U	2300.	U	4700.	U	3300.	U		
101-55-3	4-Bromophenyl-phenylether	3600.	U	2300.	U	4700.	U	3300.	U		
118-74-1	Hexachlorobenzene	3600.	U	2300.	U	4700.	U	3300.	U		
87-86-5	Pentachlorophenol	8800.	U	5700.	U	11000.	U	7900.	U		
85-01-8	Phenanthrene	3600.	U	230.	U	470.	U	330.	U		
120-12-7	Anthracene	3600.	U	230.	U	470.	U	330.	U		
86-74-8	Carbazole	3600.	U	2300.	U	4700.	U	3300.	U		
84-74-2	Di-n-butylphthalate	3600.	U	160.	J	430.	J	170.	J		
206-44-0	Fluoranthene	3600.	U	230.	U	470.	U	330.	U		
129-00-0	Pyrene	3600.	U	230.	U	470.	U	330.	U		
85-68-7	Butylbenzylphthalate	3600.	U	2300.	U	4700.	U	3300.	U		
91-94-1	3,3'-Dichlorobenzidine	3600.	U	2300.	U	4700.	U	3300.	U		
56-55-3	Benzo(a)anthracene	3600.	U	230.	U	470.	U	330.	U		
218-01-9	Chrysene	3600.	U	230.	U	470.	U	330.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	3600.	U	2300.	U	4700.	U	3300.	U		
117-84-0	Di-n-octylphthalate	3600.	U	2300.	U	4700.	UJ	3300.	U		
205-99-2	Benzo(b)fluoranthene	3600.	U	230.	U	470.	UJ	330.	U		
207-08-9	Benzo(k)fluoranthene	3600.	U	230.	U	470.	UJ	330.	U		
50-32-8	Benzo(a)pyrene	3600.	U	230.	U	470.	UJ	330.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	3600.	U	230.	U	470.	UJ	330.	U		
53-70-3	Dibenz(a,h)anthracene	3600.	U	230.	U	470.	UJ	330.	U		
191-24-2	Benzo(g,h,i)perylene	3600.	U	230.	U	470.	UJ	330.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-18A1-01	041-M-18A2-01	041-M-18A3-01			
	ORIGINAL ID ----->	041M18A101	041M18A201	041M18A301			
	LAB SAMPLE ID --->	951050-18	951050-19	951050-05			
	ID FROM REPORT -->	041M18A101	041M18A201	041M18A301			
	SAMPLE DATE ----->	12/15/95	12/15/95	12/14/95			
	DATE EXTRACTED -->	01/09/96	01/09/96	01/09/96			
	DATE ANALYZED --->	01/09/96	01/09/96	01/09/96			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	MG/KG	MG/KG	MG/KG			
CAS #	Parameter	EMD060 VAL	EMD060 VAL	EMD060 VAL			
9999900-01-4	Total Organic Carbon (TOC)	208000.	119000.	343000.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	001-M-0018-01		041-M-18A1-01		041-M-18A2-01		041-M-18A3-01					
	ORIGINAL ID ----->	01M1801		041M18A101		041M18A201		041M18A301					
	LAB SAMPLE ID --->	622184		951050-18		951050-19		951050-05					
	ID FROM REPORT -->	01M1801		041M18A101		041M18A201		041M18A301					
	SAMPLE DATE ----->	06/29/94		12/15/95		12/15/95		12/14/95					
	DATE ANALYZED --->	07/07/94		12/22/95		12/23/95		12/21/95					
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00011	VAL	EMD060	VAL	EMD060	VAL	EMD060	VAL				
74-87-3	Chloromethane	110.	U	91.	UR	140.	U	100.	U				
74-83-9	Bromomethane	110.	U	91.	UR	140.	U	100.	U				
75-01-4	Vinyl chloride	110.	U	27.	UR	43.	U	30.	U				
75-00-3	Chloroethane	110.	U	91.	UR	140.	U	100.	U				
75-09-2	Methylene chloride	100.	U	91.	UR	750.		100.	U				
67-64-1	Acetone	100.	U	91.	UR	750.		480.	J				
75-15-0	Carbon disulfide	110.	U	91.	UR	140.	U	100.	U				
75-35-4	1,1-Dichloroethene	110.	U	91.	UR	140.	U	100.	U				
75-34-3	1,1-Dichloroethane	110.	U	91.	UR	140.	U	100.	U				
540-59-0	1,2-Dichloroethene (total)	110.	U	91.	UR	140.	U	100.	U				
67-66-3	Chloroform	110.	U	91.	UR	140.	U	100.	U				
107-06-2	1,2-Dichloroethane	110.	U	91.	UR	140.	U	100.	U				
78-93-3	2-Butanone (MEK)	110.	U	91.	UR	140.	U	120.	J				
71-55-6	1,1,1-Trichloroethane	110.	U	91.	UR	140.	U	100.	U				
56-23-5	Carbon tetrachloride	110.	U	91.	UR	140.	U	100.	U				
75-27-4	Bromodichloromethane	110.	U	91.	UR	140.	U	100.	U				
78-87-5	1,2-Dichloropropane	110.	U	91.	UR	140.	U	100.	U				
10061-01-5	cis-1,3-Dichloropropene	110.	U	91.	UR	140.	U	100.	U				
79-01-6	Trichloroethene	110.	U	91.	UR	140.	U	100.	U				
124-48-1	Dibromochloromethane	110.	U	91.	UR	140.	U	100.	U				
79-00-5	1,1,2-Trichloroethane	110.	U	91.	UR	140.	U	100.	U				
71-43-2	Benzene	110.	U	91.	UR	34.	J	50.	J				
10061-02-6	trans-1,3-Dichloropropene	110.	U	91.	UR	140.	U	100.	U				
75-25-2	Bromoform	110.	U	91.	UR	140.	U	100.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	110.	U	91.	UR	140.	U	100.	UJ				
591-78-6	2-Hexanone	110.	U	91.	UR	140.	U	100.	UJ				
127-18-4	Tetrachloroethene	110.	U	91.	UR	140.	U	100.	UJ				
79-34-5	1,1,2,2-Tetrachloroethane	110.	U	91.	UR	140.	U	100.	UJ				
108-88-3	Toluene	110.	U	91.	UR	85.	J	220.	J				
108-90-7	Chlorobenzene	110.	U	91.	UR	430.		46.	J				
100-41-4	Ethylbenzene	110.	U	91.	UR	140.	U	100.	UJ				
100-42-5	Styrene	110.	U	91.	UR	140.	U	100.	UJ				
1330-20-7	Xylene (Total)	110.	U	91.	UR	140.	U	100.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-18B1-01					
	ORIGINAL ID ----->	041M18B101					
	LAB SAMPLE ID --->	951050-06					
	ID FROM REPORT -->	041M18B101					
	SAMPLE DATE ----->	12/14/95					
	DATE EXTRACTED -->	01/21/96					
	DATE ANALYZED --->	01/23/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	EMD060 VAL					
9999000-58-8	Percent Solids	15.2					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID -------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	GTX-945-02
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	
DATE ANALYZED --->	12/20/95
MATRIX ---------->	Sediment
UNITS ---------->	%

CAS #	Parameter	EMD060	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	100.	NA
9999900-32-9	Seive Size #40	94.	NA
9999900-33-1	Seive Size #100	61.	NA
9999900-33-0	Seive Size #60	76.	NA
9999900-33-2	Seive Size #200	58.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	NR	
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

METAL

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	951050-06
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	01/09/96
DATE ANALYZED --->	01/09/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	EMD060	VAL
7429-90-5	Aluminum	11100.	
7440-36-0	Antimony	0.68	UJ
7440-38-2	Arsenic	83.8	
7440-39-3	Barium	10.9	J
7440-41-7	Beryllium	0.73	J
7440-43-9	Cadmium	1.	U
7440-70-2	Calcium	3100.	
7440-47-3	Chromium	66.2	
7440-48-4	Cobalt	1.	U
7440-50-8	Copper	17.9	
7439-89-6	Iron	128000.	
7439-92-1	Lead	111.	
7439-95-4	Magnesium	3420.	
7439-96-5	Manganese	46.7	
7439-97-6	Mercury	0.33	U
7440-02-0	Nickel	4.1	U
7440-09-7	Potassium	846.	J
7782-49-2	Selenium	2.2	
7440-22-4	Silver	1.4	U
7440-23-5	Sodium	3300.	
7440-28-0	Thallium	1.	UJ
7440-62-2	Vanadium	50.9	
7440-66-6	Zinc	49.3	
57-12-5	Cyanide (CN)	8.8	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	951050-06
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	01/26/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	EMD060	VAL
319-84-6	alpha-BHC	24.	UJ
319-85-7	beta-BHC	24.	U
319-86-8	delta-BHC	24.	U
58-89-9	gamma-BHC (Lindane)	24.	U
76-44-8	Heptachlor	24.	U
309-00-2	Aldrin	24.	U
1024-57-3	Heptachlor epoxide	24.	U
959-98-8	Endosulfan I	24.	U
60-57-1	Dieldrin	50.	U
72-55-9	4,4'-DDE	50.	U
72-20-8	Endrin	50.	U
33213-65-9	Endosulfan II	50.	U
72-54-8	4,4'-DDD	280.	D
1031-07-8	Endosulfan sulfate	50.	U
50-29-3	4,4'-DDT	1800.	D
72-43-5	Methoxychlor	240.	U
53494-70-5	Endrin ketone	50.	U
7421-93-4	Endrin aldehyde	50.	U
5103-71-9	alpha-Chlordane	24.	U
5103-74-2	gamma-Chlordane	24.	U
8001-35-2	Toxaphene	2400.	U
12674-11-2	Aroclor-1016	500.	U
11104-28-2	Aroclor-1221	500.	U
11141-16-5	Aroclor-1232	500.	U
53469-21-9	Aroclor-1242	500.	U
12672-29-6	Aroclor-1248	500.	U
11097-69-1	Aroclor-1254	500.	U
11096-82-5	Aroclor-1260	500.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	951050-06
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	01/13/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EMD060	VAL
108-95-2	Phenol	1900.	U
111-44-4	bis(2-Chloroethyl)ether	190.	U
95-57-8	2-Chlorophenol	1900.	U
541-73-1	1,3-Dichlorobenzene	1900.	U
106-46-7	1,4-Dichlorobenzene	1900.	U
95-50-1	1,2-Dichlorobenzene	1900.	U
95-48-7	2-Methylphenol (o-Cresol)	1900.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	1900.	U
106-44-5	4-Methylphenol (p-Cresol)	1900.	U
621-64-7	N-Nitroso-di-n-propylamine	190.	U
67-72-1	Hexachloroethane	1900.	U
98-95-3	Nitrobenzene	1900.	U
78-59-1	Isophorone	1900.	U
88-75-5	2-Nitrophenol	1900.	U
105-67-9	2,4-Dimethylphenol	1900.	U
111-91-1	bis(2-Chloroethoxy)methane	1900.	U
120-83-2	2,4-Dichlorophenol	1900.	U
120-82-1	1,2,4-Trichlorobenzene	1900.	U
91-20-3	Naphthalene	190.	U
106-47-8	4-Chloroaniline	1900.	U
87-68-3	Hexachlorobutadiene	1900.	U
59-50-7	4-Chloro-3-methylphenol	1900.	U
91-57-6	2-Methylnaphthalene	190.	U
77-47-4	Hexachlorocyclopentadiene	1900.	U
88-06-2	2,4,6-Trichlorophenol	1900.	U
95-95-4	2,4,5-Trichlorophenol	4700.	U
91-58-7	2-Chloronaphthalene	1900.	U
88-74-4	2-Nitroaniline	1900.	U
131-11-3	Dimethylphthalate	1900.	U
208-96-8	Acenaphthylene	190.	U
606-20-2	2,6-Dinitrotoluene	1900.	U
99-09-2	3-Nitroaniline	4700.	U
83-32-9	Acenaphthene	94.	U
51-28-5	2,4-Dinitrophenol	4700.	U
100-02-7	4-Nitrophenol	4700.	U
132-64-9	Dibenzofuran	1900.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	951050-06
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	01/13/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EMD060	VAL
121-14-2	2,4-Dinitrotoluene	1900.	U
84-66-2	Diethylphthalate	1900.	U
7005-72-3	4-Chlorophenylphenyl ether	1900.	U
86-73-7	Fluorene	94.	U
100-01-6	4-Nitroaniline	4700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4700.	U
86-30-6	N-Nitrosodiphenylamine	1900.	U
101-55-3	4-Bromophenyl-phenylether	1900.	U
118-74-1	Hexachlorobenzene	1900.	U
87-86-5	Pentachlorophenol	4700.	U
85-01-8	Phenanthrene	190.	U
120-12-7	Anthracene	190.	U
86-74-8	Carbazole	1900.	U
84-74-2	Di-n-butylphthalate	1900.	U
206-44-0	Fluoranthene	190.	U
129-00-0	Pyrene	190.	U
85-68-7	Butylbenzylphthalate	1900.	U
91-94-1	3,3'-Dichlorobenzidine	1900.	U
56-55-3	Benzo(a)anthracene	190.	U
218-01-9	Chrysene	190.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1900.	U
117-84-0	Di-n-octylphthalate	1900.	U
205-99-2	Benzo(b)fluoranthene	190.	U
207-08-9	Benzo(k)fluoranthene	190.	U
50-32-8	Benzo(a)pyrene	190.	U
193-39-5	Indeno(1,2,3-cd)pyrene	190.	U
53-70-3	Dibenz(a,h)anthracene	190.	U
191-24-2	Benzo(g,h,i)perylene	190.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-18B1-01					
	ORIGINAL ID ----->	041M18B101					
	LAB SAMPLE ID --->	951050-06					
	ID FROM REPORT -->	041M18B101					
	SAMPLE DATE ----->	12/14/95					
	DATE EXTRACTED -->	01/09/96					
	DATE ANALYZED --->	01/09/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	EMD060 VAL					
9999900-01-4	Total Organic Carbon (TOC)	118000.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	951050-06
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	12/14/95
DATE ANALYZED --->	12/22/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EMD060	VAL
74-87-3	Chloromethane	43.	U
74-83-9	Bromomethane	43.	U
75-01-4	Vinyl chloride	13.	U
75-00-3	Chloroethane	43.	U
75-09-2	Methylene chloride	43.	U
67-64-1	Acetone	440.	J
75-15-0	Carbon disulfide	43.	U
75-35-4	1,1-Dichloroethene	43.	U
75-34-3	1,1-Dichloroethane	43.	U
540-59-0	1,2-Dichloroethene (total)	43.	U
67-66-3	Chloroform	43.	U
107-06-2	1,2-Dichloroethane	43.	U
78-93-3	2-Butanone (MEK)	98.	J
71-55-6	1,1,1-Trichloroethane	43.	U
56-23-5	Carbon tetrachloride	43.	U
75-27-4	Bromodichloromethane	43.	U
78-87-5	1,2-Dichloropropane	43.	U
10061-01-5	cis-1,3-Dichloropropene	43.	U
79-01-6	Trichloroethene	43.	U
124-48-1	Dibromochloromethane	43.	U
79-00-5	1,1,2-Trichloroethane	43.	U
71-43-2	Benzene	43.	U
10061-02-6	trans-1,3-Dichloropropene	43.	U
75-25-2	Bromoform	43.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	43.	U
591-78-6	2-Hexanone	43.	U
127-18-4	Tetrachloroethene	43.	U
79-34-5	1,1,2,2-Tetrachloroethane	43.	U
108-88-3	Toluene	43.	U
108-90-7	Chlorobenzene	43.	U
100-41-4	Ethylbenzene	43.	U
100-42-5	Styrene	43.	U
1330-20-7	Xylene (Total)	43.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-19A1-01	041-M-19A2-01				
	ORIGINAL ID ----->	041M19A101	041M19A201				
	LAB SAMPLE ID --->	960025-11	960025-12				
	ID FROM REPORT -->	041M19A101	041M19A201				
	SAMPLE DATE ----->	01/16/96	01/16/96				
	DATE EXTRACTED -->	02/03/96	02/03/96				
	DATE ANALYZED --->	02/05/96	02/05/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	EM005 VAL	EM005 VAL				
9999000-58-8	Percent Solids	15.9	76.9				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

GRAIN SIZE								
	SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01				
	ORIGINAL ID ----->	041M19A101		041M19A201				
	LAB SAMPLE ID --->	GTX-955-04		GTX-955-05				
	ID FROM REPORT -->	041M19A101		041M19A201				
	SAMPLE DATE ----->							
	DATE ANALYZED --->	01/19/96		01/19/96				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	%		%				
CAS #	Parameter	EM005	VAL	EM005	VAL			
9999900-32-7	Seive Size #10	NR		100.	SP			
9999900-32-8	Seive Size #20	100.	NA	99.	SP			
9999900-32-9	Seive Size #40	98.	NA	63.	SP			
9999900-33-1	Seive Size #100	89.	NA	1.	SP			
9999900-33-0	Seive Size #60	91.	NA	10.	SP			
9999900-33-2	Seive Size #200	88.	NA	1.	SP			
9999900-33-3	Seive Size Pan	0.	NA	0.	SP			
9999900-32-5	Seive Size 0.375"	NR		NR				
9999900-32-6	Seive Size #4	NR		NR				
9999900-33-4	Seive Size 1"	NR		NR				
9999900-33-5	Seive Size .75"	NR		NR				
9999900-33-6	Seive Size .5"	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

METAL									
	SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01					
	ORIGINAL ID ----->	041M19A101		041M19A201					
	LAB SAMPLE ID --->	960025-11		960025-12					
	ID FROM REPORT -->	041M19A101		041M19A201					
	SAMPLE DATE ----->	01/16/96		01/16/96					
	DATE EXTRACTED -->	01/20/96		01/20/96					
	DATE ANALYZED --->	01/22/96		01/22/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	EM005	VAL	EM005	VAL				
7429-90-5	Aluminum	18900.		494.					
7440-36-0	Antimony	0.67	UJ	0.67	UJ				
7440-38-2	Arsenic	15.7		0.17	J				
7440-39-3	Barium	30.2	J	0.58	J				
7440-41-7	Beryllium	0.48	J	0.07	U				
7440-43-9	Cadmium	0.91	U	0.21	U				
7440-70-2	Calcium	1720.		47.5	J				
7440-47-3	Chromium	16.5		1.2					
7440-48-4	Cobalt	3.4	J	0.13	U				
7440-50-8	Copper	10.7		0.78	J				
7439-89-6	Iron	16800.		545.					
7439-92-1	Lead	16.2		1.2					
7439-95-4	Magnesium	572.	J	30.1	J				
7439-96-5	Manganese	169.		1.3					
7439-97-6	Mercury	0.27	U	0.05	U				
7440-02-0	Nickel	7.	J	0.6	U				
7440-09-7	Potassium	463.	J	17.5	J				
7782-49-2	Selenium	1.3	UJ	0.27	UJ				
7440-22-4	Silver	1.7	U	0.33	U				
7440-23-5	Sodium	137.	J	18.6	J				
7440-28-0	Thallium	1.3	U	0.27	U				
7440-62-2	Vanadium	35.4		0.99	J				
7440-66-6	Zinc	30.6		1.4					
57-12-5	Cyanide (CN)	3.1	U	0.65	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

PEST

	SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01					
	ORIGINAL ID ----->	041M19A101		041M19A201					
	LAB SAMPLE ID --->	960025-11		960025-12					
	ID FROM REPORT -->	041M19A101		041M19A201					
	SAMPLE DATE ----->	01/16/96		01/16/96					
	DATE EXTRACTED -->	01/20/96		01/20/96					
	DATE ANALYZED --->	02/06/96		02/06/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	EM005	VAL	EM005	VAL				
319-84-6	alpha-BHC	0.68	UJ	0.1	UJ				
319-85-7	beta-BHC	0.68	U	0.1	U				
319-86-8	delta-BHC	0.68	U	0.11	J				
58-89-9	gamma-BHC (Lindane)	0.68	U	0.1	U				
76-44-8	Heptachlor	0.68	U	0.1	U				
309-00-2	Aldrin	0.68	U	0.1	U				
1024-57-3	Heptachlor epoxide	26.	DJ	0.1	U				
959-98-8	Endosulfan I	5.3	J	0.1	U				
60-57-1	Dieldrin	1.4	U	0.2	J				
72-55-9	4,4'-DDE	1.4	U	0.55					
72-20-8	Endrin	1.4	U	0.21	U				
33213-65-9	Endosulfan II	1.4	U	0.21	U				
72-54-8	4,4'-DDD	1.4	U	0.21	U				
1031-07-8	Endosulfan sulfate	1.4	U	0.21	U				
50-29-3	4,4'-DDT	1.4	U	0.21	U				
72-43-5	Methoxychlor	6.8	U	1.	U				
53494-70-5	Endrin ketone	1.4	U	0.21	U				
7421-93-4	Endrin aldehyde	1.4	U	0.21	U				
5103-71-9	alpha-Chlordane	0.68	U	0.1	U				
5103-74-2	gamma-Chlordane	1.3	J	0.1	U				
8001-35-2	Toxaphene	140.	U	21.	U				
12674-11-2	Aroclor-1016	14.	U	2.1	U				
11104-28-2	Aroclor-1221	27.	U	4.	U				
11141-16-5	Aroclor-1232	14.	U	2.1	U				
53469-21-9	Aroclor-1242	14.	U	2.1	U				
12672-29-6	Aroclor-1248	14.	U	2.1	U				
11097-69-1	Aroclor-1254	14.	U	2.1	U				
11096-82-5	Aroclor-1260	14.	U	1.1	J				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01				
		ORIGINAL ID ----->	041M19A101		041M19A201				
		LAB SAMPLE ID --->	960025-11		960025-12				
		ID FROM REPORT -->	041M19A101		041M19A201				
		SAMPLE DATE ----->	01/16/96		01/16/96				
		DATE EXTRACTED -->	01/20/96		01/20/96				
		DATE ANALYZED --->	01/24/96		01/24/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL			
108-95-2	Phenol		2700.	U	400.	U			
111-44-4	bis(2-Chloroethyl)ether		270.	U	40.	U			
95-57-8	2-Chlorophenol		2700.	U	400.	U			
541-73-1	1,3-Dichlorobenzene		2700.	U	400.	U			
106-46-7	1,4-Dichlorobenzene		2700.	U	400.	U			
95-50-1	1,2-Dichlorobenzene		2700.	U	400.	U			
95-48-7	2-Methylphenol (o-Cresol)		2700.	U	400.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		2700.	U	400.	U			
106-44-5	4-Methylphenol (p-Cresol)		2700.	U	400.	U			
621-64-7	N-Nitroso-di-n-propylamine		270.	U	40.	U			
67-72-1	Hexachloroethane		2700.	U	400.	U			
98-95-3	Nitrobenzene		2700.	U	400.	U			
78-59-1	Isophorone		2700.	U	400.	U			
88-75-5	2-Nitrophenol		2700.	U	400.	U			
105-67-9	2,4-Dimethylphenol		2700.	U	400.	U			
111-91-1	bis(2-Chloroethoxy)methane		2700.	U	400.	U			
120-83-2	2,4-Dichlorophenol		2700.	U	400.	U			
120-82-1	1,2,4-Trichlorobenzene		2700.	U	400.	U			
91-20-3	Naphthalene		270.	U	40.	U			
106-47-8	4-Chloroaniline		2700.	U	400.	U			
87-68-3	Hexachlorobutadiene		2700.	U	400.	U			
59-50-7	4-Chloro-3-methylphenol		2700.	U	400.	U			
91-57-6	2-Methylnaphthalene		270.	U	40.	U			
77-47-4	Hexachlorocyclopentadiene		2700.	U	400.	U			
88-06-2	2,4,6-Trichlorophenol		2700.	U	400.	U			
95-95-4	2,4,5-Trichlorophenol		6600.	U	980.	U			
91-58-7	2-Chloronaphthalene		2700.	U	400.	U			
88-74-4	2-Nitroaniline		2700.	U	400.	U			
131-11-3	Dimethylphthalate		2700.	U	400.	U			
208-96-8	Acenaphthylene		270.	U	40.	U			
606-20-2	2,6-Dinitrotoluene		2700.	U	400.	U			
99-09-2	3-Nitroaniline		6600.	U	980.	U			
83-32-9	Acenaphthene		130.	U	20.	U			
51-28-5	2,4-Dinitrophenol		6600.	UJ	980.	UJ			
100-02-7	4-Nitrophenol		6600.	U	980.	U			
132-64-9	Dibenzofuran		2700.	U	400.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01				
		ORIGINAL ID ----->	041M19A101		041M19A201				
		LAB SAMPLE ID --->	960025-11		960025-12				
		ID FROM REPORT -->	041M19A101		041M19A201				
		SAMPLE DATE ----->	01/16/96		01/16/96				
		DATE EXTRACTED -->	01/20/96		01/20/96				
		DATE ANALYZED --->	01/24/96		01/24/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL			
121-14-2	2,4-Dinitrotoluene		2700.	U	400.	U			
84-66-2	Diethylphthalate		2700.	U	400.	U			
7005-72-3	4-Chlorophenylphenyl ether		2700.	U	400.	U			
86-73-7	Fluorene		130.	U	20.	U			
100-01-6	4-Nitroaniline		6600.	U	980.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		6600.	UJ	980.	UJ			
86-30-6	N-Nitrosodiphenylamine		2700.	U	400.	U			
101-55-3	4-Bromophenyl-phenylether		2700.	U	400.	U			
118-74-1	Hexachlorobenzene		2700.	U	400.	U			
87-86-5	Pentachlorophenol		6600.	U	980.	U			
85-01-8	Phenanthrene		270.	U	40.	U			
120-12-7	Anthracene		270.	U	40.	U			
86-74-8	Carbazole		2700.	U	400.	U			
84-74-2	Di-n-butylphthalate		2700.	U	400.	U			
206-44-0	Fluoranthene		270.	U	40.	U			
129-00-0	Pyrene		270.	U	40.	U			
85-68-7	Butylbenzylphthalate		2700.	U	400.	U			
91-94-1	3,3'-Dichlorobenzidine		2700.	U	400.	U			
56-55-3	Benzo(a)anthracene		270.	U	40.	U			
218-01-9	Chrysene		270.	U	40.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		2700.	U	400.	U			
117-84-0	Di-n-octylphthalate		2700.	U	400.	U			
205-99-2	Benzo(b)fluoranthene		270.	U	40.	U			
207-08-9	Benzo(k)fluoranthene		270.	U	40.	U			
50-32-8	Benzo(a)pyrene		270.	U	40.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		270.	U	40.	U			
53-70-3	Dibenz(a,h)anthracene		270.	U	40.	U			
191-24-2	Benzo(g,h,i)perylene		270.	U	40.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-19A1-01	041-M-19A2-01				
	ORIGINAL ID ----->	041M19A101	041M19A201				
	LAB SAMPLE ID --->	960025-11	960025-12				
	ID FROM REPORT -->	041M19A101	041M19A201				
	SAMPLE DATE ----->	01/16/96	01/16/96				
	DATE EXTRACTED -->	01/23/96	01/24/96				
	DATE ANALYZED --->	01/23/96	01/24/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	MG/KG	MG/KG				
CAS #	Parameter	EM005 VAL	EM005 VAL				
9999900-01-4	Total Organic Carbon (TOC)	4230.	674.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Sediment Samples

VOA									
		SAMPLE ID ------->	041-M-19A1-01		041-M-19A2-01				
		ORIGINAL ID ----->	041M19A101		041M19A201				
		LAB SAMPLE ID --->	960025-11		960025-12				
		ID FROM REPORT -->	041M19A101		041M19A201				
		SAMPLE DATE ----->	01/16/96		01/16/96				
		DATE ANALYZED --->	01/18/96		01/18/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL			
74-87-3	Chloromethane		77.	U	2.	J			
74-83-9	Bromomethane		77.	U	12.	U			
75-01-4	Vinyl chloride		23.	U	4.	U			
75-00-3	Chloroethane		77.	U	12.	U			
75-09-2	Methylene chloride		77.	U	12.	U			
67-64-1	Acetone		250.	U	12.	U			
75-15-0	Carbon disulfide		77.	U	12.	U			
75-35-4	1,1-Dichloroethene		77.	U	12.	U			
75-34-3	1,1-Dichloroethane		77.	U	12.	U			
540-59-0	1,2-Dichloroethene (total)		77.	U	12.	U			
67-66-3	Chloroform		77.	U	12.	U			
107-06-2	1,2-Dichloroethane		77.	U	12.	U			
78-93-3	2-Butanone (MEK)		77.	U	12.	U			
71-55-6	1,1,1-Trichloroethane		77.	U	12.	U			
56-23-5	Carbon tetrachloride		77.	U	12.	U			
75-27-4	Bromodichloromethane		77.	U	12.	U			
78-87-5	1,2-Dichloropropane		77.	U	12.	U			
10061-01-5	cis-1,3-Dichloropropene		77.	U	12.	U			
79-01-6	Trichloroethene		77.	U	12.	U			
124-48-1	Dibromochloromethane		77.	U	12.	U			
79-00-5	1,1,2-Trichloroethane		77.	U	12.	U			
71-43-2	Benzene		77.	U	12.	U			
10061-02-6	trans-1,3-Dichloropropene		77.	U	12.	U			
75-25-2	Bromoform		77.	U	12.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		77.	U	12.	U			
591-78-6	2-Hexanone		77.	U	12.	U			
127-18-4	Tetrachloroethene		77.	U	12.	U			
79-34-5	1,1,2,2-Tetrachloroethane		77.	U	12.	U			
108-88-3	Toluene		77.	U	12.	U			
108-90-7	Chlorobenzene		77.	U	12.	U			
100-41-4	Ethylbenzene		77.	U	12.	U			
100-42-5	Styrene		77.	U	12.	U			
1330-20-7	Xylene (Total)		77.	U	12.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-19B1-01					
	ORIGINAL ID ----->	041M19B101					
	LAB SAMPLE ID --->	960025-13					
	ID FROM REPORT -->	041M19B101					
	SAMPLE DATE ----->	01/16/96					
	DATE EXTRACTED -->	02/03/96					
	DATE ANALYZED --->	02/05/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	EM005 VAL					
9999000-58-8	Percent Solids	76.2					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID -------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	GTX-955-06
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	
DATE ANALYZED --->	01/19/96
MATRIX ---------->	Sediment
UNITS ---------->	%

CAS #	Parameter	EM005	VAL
9999900-32-7	Seive Size #10	100.	SP
9999900-32-8	Seive Size #20	99.	SP
9999900-32-9	Seive Size #40	83.	SP
9999900-33-1	Seive Size #100	8.	SP
9999900-33-0	Seive Size #60	31.	SP
9999900-33-2	Seive Size #200	4.	SP
9999900-33-3	Seive Size Pan	0.	SP
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	NR	
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

METAL			
	SAMPLE ID ------->	041-M-19B1-01	
	ORIGINAL ID ----->	041M19B101	
	LAB SAMPLE ID --->	960025-13	
	ID FROM REPORT -->	041M19B101	
	SAMPLE DATE ----->	01/16/96	
	DATE EXTRACTED -->	01/20/96	
	DATE ANALYZED --->	01/22/96	
	MATRIX ---------->	Sediment	
	UNITS ----------->	MG/KG	
CAS #	Parameter	EM005	VAL
7429-90-5	Aluminum	976.	
7440-36-0	Antimony	0.14	UJ
7440-38-2	Arsenic	0.83	
7440-39-3	Barium	0.76	J
7440-41-7	Beryllium	0.07	U
7440-43-9	Cadmium	0.14	U
7440-70-2	Calcium	151.	J
7440-47-3	Chromium	3.	
7440-48-4	Cobalt	0.14	U
7440-50-8	Copper	1.6	J
7439-89-6	Iron	1840.	
7439-92-1	Lead	3.8	
7439-95-4	Magnesium	270.	J
7439-96-5	Manganese	3.4	
7439-97-6	Mercury	0.06	U
7440-02-0	Nickel	0.63	U
7440-09-7	Potassium	88.9	J
7782-49-2	Selenium	0.28	UJ
7440-22-4	Silver	0.35	U
7440-23-5	Sodium	805.	
7440-28-0	Thallium	0.28	U
7440-62-2	Vanadium	2.5	J
7440-66-6	Zinc	4.8	
57-12-5	Cyanide (CN)	0.65	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	960025-13
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	01/16/96
DATE EXTRACTED -->	01/20/96
DATE ANALYZED --->	02/06/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EM005	VAL
319-84-6	alpha-BHC	0.11	UJ
319-85-7	beta-BHC	0.11	U
319-86-8	delta-BHC	0.31	J
58-89-9	gamma-BHC (Lindane)	0.11	U
76-44-8	Heptachlor	0.11	U
309-00-2	Aldrin	0.11	U
1024-57-3	Heptachlor epoxide	0.22	J
959-98-8	Endosulfan I	0.11	U
60-57-1	Dieldrin	0.21	J
72-55-9	4,4'-DDE	1.2	
72-20-8	Endrin	0.27	J
33213-65-9	Endosulfan II	0.22	U
72-54-8	4,4'-DDD	0.71	
1031-07-8	Endosulfan sulfate	0.22	U
50-29-3	4,4'-DDT	0.34	J
72-43-5	Methoxychlor	1.1	U
53494-70-5	Endrin ketone	0.22	U
7421-93-4	Endrin aldehyde	0.22	U
5103-71-9	alpha-Chlordane	0.11	U
5103-74-2	gamma-Chlordane	0.11	U
8001-35-2	Toxaphene	22.	U
12674-11-2	Aroclor-1016	2.2	U
11104-28-2	Aroclor-1221	4.2	U
11141-16-5	Aroclor-1232	2.2	U
53469-21-9	Aroclor-1242	2.2	U
12672-29-6	Aroclor-1248	2.2	U
11097-69-1	Aroclor-1254	2.2	U
11096-82-5	Aroclor-1260	4.2	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	960025-13
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	01/16/96
DATE EXTRACTED -->	01/20/96
DATE ANALYZED --->	01/24/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EM005	VAL
108-95-2	Phenol	430.	U
111-44-4	bis(2-Chloroethyl)ether	43.	U
95-57-8	2-Chlorophenol	430.	U
541-73-1	1,3-Dichlorobenzene	430.	U
106-46-7	1,4-Dichlorobenzene	430.	U
95-50-1	1,2-Dichlorobenzene	430.	U
95-48-7	2-Methylphenol (o-Cresol)	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	430.	U
106-44-5	4-Methylphenol (p-Cresol)	430.	U
621-64-7	N-Nitroso-di-n-propylamine	43.	U
67-72-1	Hexachloroethane	430.	U
98-95-3	Nitrobenzene	430.	U
78-59-1	Isophorone	430.	U
88-75-5	2-Nitrophenol	430.	U
105-67-9	2,4-Dimethylphenol	430.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U
120-83-2	2,4-Dichlorophenol	430.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U
91-20-3	Naphthalene	43.	U
106-47-8	4-Chloroaniline	430.	U
87-68-3	Hexachlorobutadiene	430.	U
59-50-7	4-Chloro-3-methylphenol	430.	U
91-57-6	2-Methylnaphthalene	43.	U
77-47-4	Hexachlorocyclopentadiene	430.	U
88-06-2	2,4,6-Trichlorophenol	430.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U
91-58-7	2-Chloronaphthalene	430.	U
88-74-4	2-Nitroaniline	430.	U
131-11-3	Dimethylphthalate	430.	U
208-96-8	Acenaphthylene	43.	U
606-20-2	2,6-Dinitrotoluene	430.	U
99-09-2	3-Nitroaniline	1000.	U
83-32-9	Acenaphthene	21.	U
51-28-5	2,4-Dinitrophenol	1000.	UJ
100-02-7	4-Nitrophenol	1000.	U
132-64-9	Dibenzofuran	430.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	960025-13
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	01/16/96
DATE EXTRACTED -->	01/20/96
DATE ANALYZED --->	01/24/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	EM005	VAL
108-95-2	Phenol	430.	U
111-44-4	bis(2-Chloroethyl)ether	43.	U
95-57-8	2-Chlorophenol	430.	U
541-73-1	1,3-Dichlorobenzene	430.	U
106-46-7	1,4-Dichlorobenzene	430.	U
95-50-1	1,2-Dichlorobenzene	430.	U
95-48-7	2-Methylphenol (o-Cresol)	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	430.	U
106-44-5	4-Methylphenol (p-Cresol)	430.	U
621-64-7	N-Nitroso-di-n-propylamine	43.	U
67-72-1	Hexachloroethane	430.	U
98-95-3	Nitrobenzene	430.	U
78-59-1	Isophorone	430.	U
88-75-5	2-Nitrophenol	430.	U
105-67-9	2,4-Dimethylphenol	430.	U
111-91-1	bis(2-Chloroethoxy)methane	430.	U
120-83-2	2,4-Dichlorophenol	430.	U
120-82-1	1,2,4-Trichlorobenzene	430.	U
91-20-3	Naphthalene	43.	U
106-47-8	4-Chloroaniline	430.	U
87-68-3	Hexachlorobutadiene	430.	U
59-50-7	4-Chloro-3-methylphenol	430.	U
91-57-6	2-Methylnaphthalene	43.	U
77-47-4	Hexachlorocyclopentadiene	430.	U
88-06-2	2,4,6-Trichlorophenol	430.	U
95-95-4	2,4,5-Trichlorophenol	1000.	U
91-58-7	2-Chloronaphthalene	430.	U
88-74-4	2-Nitroaniline	430.	U
131-11-3	Dimethylphthalate	430.	U
208-96-8	Acenaphthylene	43.	U
606-20-2	2,6-Dinitrotoluene	430.	U
99-09-2	3-Nitroaniline	1000.	U
83-32-9	Acenaphthene	21.	U
51-28-5	2,4-Dinitrophenol	1000.	UJ
100-02-7	4-Nitrophenol	1000.	U
132-64-9	Dibenzofuran	430.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	960025-13
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	01/16/96
DATE EXTRACTED -->	01/20/96
DATE ANALYZED --->	01/24/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	EM005	VAL
121-14-2	2,4-Dinitrotoluene	430.	U
84-66-2	Diethylphthalate	430.	U
7005-72-3	4-Chlorophenylphenyl ether	430.	U
86-73-7	Fluorene	21.	U
100-01-6	4-Nitroaniline	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	UJ
86-30-6	N-Nitrosodiphenylamine	430.	U
101-55-3	4-Bromophenyl-phenylether	430.	U
118-74-1	Hexachlorobenzene	430.	U
87-86-5	Pentachlorophenol	1000.	U
85-01-8	Phenanthrene	43.	U
120-12-7	Anthracene	43.	U
86-74-8	Carbazole	430.	U
84-74-2	Di-n-butylphthalate	430.	U
206-44-0	Fluoranthene	28.	J
129-00-0	Pyrene	28.	J
85-68-7	Butylbenzylphthalate	430.	U
91-94-1	3,3'-Dichlorobenzidine	430.	U
56-55-3	Benzo(a)anthracene	43.	U
218-01-9	Chrysene	43.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	430.	U
117-84-0	Di-n-octylphthalate	430.	U
205-99-2	Benzo(b)fluoranthene	43.	U
207-08-9	Benzo(k)fluoranthene	43.	U
50-32-8	Benzo(a)pyrene	43.	U
193-39-5	Indeno(1,2,3-cd)pyrene	43.	U
53-70-3	Dibenz(a,h)anthracene	43.	U
191-24-2	Benzo(g,h,i)perylene	43.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-19B1-01					
	ORIGINAL ID ----->	041M19B101					
	LAB SAMPLE ID --->	960025-13					
	ID FROM REPORT -->	041M19B101					
	SAMPLE DATE ----->	01/16/96					
	DATE EXTRACTED -->	01/24/96					
	DATE ANALYZED --->	01/24/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	EM005 VAL					
9999900-01-4	Total Organic Carbon (TOC)	2100.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-19B1-01
ORIGINAL ID ----->	041M19B101
LAB SAMPLE ID --->	960025-13
ID FROM REPORT -->	041M19B101
SAMPLE DATE ----->	01/16/96
DATE ANALYZED --->	01/18/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	EM005	VAL
74-87-3	Chloromethane	13.	U
74-83-9	Bromomethane	13.	U
75-01-4	Vinyl chloride	4.	U
75-00-3	Chloroethane	13.	U
75-09-2	Methylene chloride	13.	U
67-64-1	Acetone	23.	U
75-15-0	Carbon disulfide	13.	U
75-35-4	1,1-Dichloroethene	13.	U
75-34-3	1,1-Dichloroethane	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U
67-66-3	Chloroform	13.	U
107-06-2	1,2-Dichloroethane	13.	U
78-93-3	2-Butanone (MEK)	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon tetrachloride	13.	U
75-27-4	Bromodichloromethane	13.	U
78-87-5	1,2-Dichloropropane	13.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
79-01-6	Trichloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
71-43-2	Benzene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
75-25-2	Bromoform	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	13.	U
591-78-6	2-Hexanone	13.	U
127-18-4	Tetrachloroethene	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
108-88-3	Toluene	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
1330-20-7	Xylene (Total)	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-4801-01					
	ORIGINAL ID ----->	041M480101					
	LAB SAMPLE ID --->	960043-10					
	ID FROM REPORT -->	041M480101					
	SAMPLE DATE ----->	01/22/96					
	DATE EXTRACTED -->	02/06/96					
	DATE ANALYZED --->	02/07/96					
	MATRIX ---------->	Sediment					
	UNITS ----------->	%					
CAS #	Parameter	M00901 VAL					
9999000-58-8	Percent Solids	55.4					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

GRAIN SIZE			
	SAMPLE ID ------->	041-M-4801-01	
	ORIGINAL ID ----->	041M480101	
	LAB SAMPLE ID --->	GTX-962-04	
	ID FROM REPORT -->	041M480101	
	SAMPLE DATE ----->		
	DATE ANALYZED --->	01/24/96	
	MATRIX ---------->	Sediment	
	UNITS ---------->	%	
CAS #	Parameter	M00901	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	98.	NA
9999900-32-9	Seive Size #40	69.	NA
9999900-33-1	Seive Size #100	10.	NA
9999900-33-0	Seive Size #60	25.	NA
9999900-33-2	Seive Size #200	10.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	NR	
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

METAL			
	SAMPLE ID ------->	041-M-4801-01	
	ORIGINAL ID ----->	041M480101	
	LAB SAMPLE ID --->	960043-10	
	ID FROM REPORT -->	041M480101	
	SAMPLE DATE ----->	01/22/96	
	DATE EXTRACTED -->	01/30/96	
	DATE ANALYZED --->	02/01/96	
	MATRIX ---------->	Sediment	
	UNITS ---------->	MG/KG	
CAS #	Parameter	M00901	VAL
7429-90-5	Aluminum	1400.	
7440-36-0	Antimony	0.19	UJ
7440-38-2	Arsenic	0.55	J
7440-39-3	Barium	3.5	J
7440-41-7	Beryllium	0.09	U
7440-43-9	Cadmium	0.3	J
7440-70-2	Calcium	499.	
7440-47-3	Chromium	1.1	
7440-48-4	Cobalt	0.19	U
7440-50-8	Copper	1.1	J
7439-89-6	Iron	290.	
7439-92-1	Lead	17.4	
7439-95-4	Magnesium	84.9	J
7439-96-5	Manganese	1.5	
7439-97-6	Mercury	0.08	U
7440-02-0	Nickel	0.85	U
7440-09-7	Potassium	14.4	J
7782-49-2	Selenium	0.71	
7440-22-4	Silver	0.47	U
7440-23-5	Sodium	96.3	U
7440-28-0	Thallium	0.38	UJ
7440-62-2	Vanadium	2.4	J
7440-66-6	Zinc	6.3	
57-12-5	Cyanide (CN)	0.88	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-4801-01
ORIGINAL ID ----->	041M480101
LAB SAMPLE ID --->	960043-10
ID FROM REPORT -->	041M480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/24/96
DATE ANALYZED --->	02/12/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M00901	VAL
319-84-6	alpha-BHC	10.	U
319-85-7	beta-BHC	10.	U
319-86-8	delta-BHC	10.	U
58-89-9	gamma-BHC (Lindane)	10.	U
76-44-8	Heptachlor	10.	U
309-00-2	Aldrin	10.	U
1024-57-3	Heptachlor epoxide	10.	U
959-98-8	Endosulfan I	10.	U
60-57-1	Dieldrin	21.	U
72-55-9	4,4'-DDE	620.	DJ
72-20-8	Endrin	21.	U
33213-65-9	Endosulfan II	21.	U
72-54-8	4,4'-DDD	2600.	DJ
1031-07-8	Endosulfan sulfate	21.	U
50-29-3	4,4'-DDT	240.	J
72-43-5	Methoxychlor	100.	U
53494-70-5	Endrin ketone	21.	U
7421-93-4	Endrin aldehyde	21.	U
5103-71-9	alpha-Chlordane	10.	U
5103-74-2	gamma-Chlordane	10.	U
8001-35-2	Toxaphene	2100.	U
12674-11-2	Aroclor-1016	210.	U
11104-28-2	Aroclor-1221	410.	U
11141-16-5	Aroclor-1232	210.	U
53469-21-9	Aroclor-1242	210.	U
12672-29-6	Aroclor-1248	210.	U
11097-69-1	Aroclor-1254	210.	U
11096-82-5	Aroclor-1260	210.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-4801-01
ORIGINAL ID ----->	041M480101
LAB SAMPLE ID --->	960043-10
ID FROM REPORT -->	041M480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/24/96
DATE ANALYZED --->	02/06/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M00901	VAL
108-95-2	Phenol	4100.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U
95-57-8	2-Chlorophenol	4100.	U
541-73-1	1,3-Dichlorobenzene	4100.	U
106-46-7	1,4-Dichlorobenzene	4100.	U
95-50-1	1,2-Dichlorobenzene	4100.	U
95-48-7	2-Methylphenol (o-Cresol)	4100.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	4100.	U
106-44-5	4-Methylphenol (p-Cresol)	4100.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U
67-72-1	Hexachloroethane	4100.	U
98-95-3	Nitrobenzene	4100.	U
78-59-1	Isophorone	4100.	U
88-75-5	2-Nitrophenol	4100.	U
105-67-9	2,4-Dimethylphenol	4100.	U
111-91-1	bis(2-Chloroethoxy)methane	4100.	U
120-83-2	2,4-Dichlorophenol	4100.	U
120-82-1	1,2,4-Trichlorobenzene	4100.	U
91-20-3	Naphthalene	410.	U
106-47-8	4-Chloroaniline	4100.	U
87-68-3	Hexachlorobutadiene	4100.	U
59-50-7	4-Chloro-3-methylphenol	4100.	U
91-57-6	2-Methylnaphthalene	410.	U
77-47-4	Hexachlorocyclopentadiene	4100.	U
88-06-2	2,4,6-Trichlorophenol	4100.	U
95-95-4	2,4,5-Trichlorophenol	10000.	U
91-58-7	2-Chloronaphthalene	4100.	U
88-74-4	2-Nitroaniline	4100.	U
131-11-3	Dimethylphthalate	4100.	U
208-96-8	Acenaphthylene	410.	U
606-20-2	2,6-Dinitrotoluene	4100.	U
99-09-2	3-Nitroaniline	10000.	U
83-32-9	Acenaphthene	200.	U
51-28-5	2,4-Dinitrophenol	10000.	UJ
100-02-7	4-Nitrophenol	10000.	U
132-64-9	Dibenzofuran	4100.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-4801-01
ORIGINAL ID ----->	041M480101
LAB SAMPLE ID --->	960043-10
ID FROM REPORT -->	041M480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/24/96
DATE ANALYZED --->	02/06/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M00901	VAL
121-14-2	2,4-Dinitrotoluene	4100.	U
84-66-2	Diethylphthalate	4100.	U
7005-72-3	4-Chlorophenylphenyl ether	4100.	U
86-73-7	Fluorene	200.	U
100-01-6	4-Nitroaniline	10000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	10000.	U
86-30-6	N-Nitrosodiphenylamine	4100.	U
101-55-3	4-Bromophenyl-phenylether	4100.	U
118-74-1	Hexachlorobenzene	4100.	U
87-86-5	Pentachlorophenol	10000.	U
85-01-8	Phenanthrene	410.	U
120-12-7	Anthracene	410.	U
86-74-8	Carbazole	4100.	U
84-74-2	Di-n-butylphthalate	4100.	U
206-44-0	Fluoranthene	410.	U
129-00-0	Pyrene	410.	U
85-68-7	Butylbenzylphthalate	4100.	U
91-94-1	3,3'-Dichlorobenzidine	4100.	U
56-55-3	Benzo(a)anthracene	410.	U
218-01-9	Chrysene	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	4100.	U
117-84-0	Di-n-octylphthalate	4100.	U
205-99-2	Benzo(b)fluoranthene	410.	U
207-08-9	Benzo(k)fluoranthene	410.	U
50-32-8	Benzo(a)pyrene	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3	Dibenz(a,h)anthracene	410.	U
191-24-2	Benzo(g,h,i)perylene	410.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

TOC							
		SAMPLE ID ------->	041-M-4801-01				
		ORIGINAL ID ----->	041M480101				
		LAB SAMPLE ID --->	960043-10				
		ID FROM REPORT -->	041M480101				
		SAMPLE DATE ----->	01/22/96				
		DATE EXTRACTED -->	02/14/96				
		DATE ANALYZED --->	02/14/96				
		MATRIX ---------->	Sediment				
		UNITS ---------->	MG/KG				
CAS #	Parameter	M00901 VAL					
9999900-01-4	Total Organic Carbon (TOC)	44300.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-4801-01
ORIGINAL ID ----->	041M480101
LAB SAMPLE ID --->	960043-10
ID FROM REPORT -->	041M480101
SAMPLE DATE ----->	01/22/96
DATE ANALYZED --->	01/24/96
MATRIX --------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M00901	VAL
74-87-3	Chloromethane	14.	U
74-83-9	Bromomethane	14.	U
75-01-4	Vinyl chloride	4.	U
75-00-3	Chloroethane	14.	U
75-09-2	Methylene chloride	14.	U
67-64-1	Acetone	22.	U
75-15-0	Carbon disulfide	14.	U
75-35-4	1,1-Dichloroethene	14.	U
75-34-3	1,1-Dichloroethane	14.	U
540-59-0	1,2-Dichloroethene (total)	14.	U
67-66-3	Chloroform	14.	U
107-06-2	1,2-Dichloroethane	14.	U
78-93-3	2-Butanone (MEK)	14.	U
71-55-6	1,1,1-Trichloroethane	14.	U
56-23-5	Carbon tetrachloride	14.	U
75-27-4	Bromodichloromethane	14.	U
78-87-5	1,2-Dichloropropane	14.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U
79-01-6	Trichloroethene	14.	U
124-48-1	Dibromochloromethane	14.	U
79-00-5	1,1,2-Trichloroethane	14.	U
71-43-2	Benzene	14.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U
75-25-2	Bromoform	14.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U
591-78-6	2-Hexanone	14.	U
127-18-4	Tetrachloroethene	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U
108-88-3	Toluene	14.	U
108-90-7	Chlorobenzene	14.	U
100-41-4	Ethylbenzene	14.	U
100-42-5	Styrene	14.	U
1330-20-7	Xylene (Total)	14.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01				
	ORIGINAL ID ----->	041M490101		041M490201		041M490301				
	LAB SAMPLE ID --->	960025-14		960025-15		960025-16				
	ID FROM REPORT -->	041M490101		041M490201		041M490301				
	SAMPLE DATE ----->	01/16/96		01/16/96		01/16/96				
	DATE EXTRACTED -->	02/03/96		02/03/96		02/03/96				
	DATE ANALYZED --->	02/05/96		02/05/96		02/05/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL			
9999000-58-8	Percent Solids	73.2		71.3		72.7				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

GRAIN SIZE											
		SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01				
		ORIGINAL ID ----->	041M490101		041M490201		041M490301				
		LAB SAMPLE ID --->	GTX-955-07		GTX-955-08		GTX-955-09				
		ID FROM REPORT -->	041M490101		041M490201		041M490301				
		SAMPLE DATE ----->									
		DATE ANALYZED --->	01/19/96		01/19/96		01/19/96				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	%		%		%				
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL			
9999900-32-7	Seive Size #10		100.	NA	100.	NA	100.	NA			
9999900-32-8	Seive Size #20		97.	NA	99.	NA	98.	NA			
9999900-32-9	Seive Size #40		69.	NA	74.	NA	73.	NA			
9999900-33-1	Seive Size #100		11.	NA	17.	NA	8.	NA			
9999900-33-0	Seive Size #60		19.	NA	27.	NA	17.	NA			
9999900-33-2	Seive Size #200		11.	NA	17.	NA	7.	NA			
9999900-33-3	Seive Size Pan		0.	NA	0.	NA	0.	NA			
9999900-32-5	Seive Size 0.375"		NR		NR		NR				
9999900-32-6	Seive Size #4		NR		NR		100.	NA			
9999900-33-4	Seive Size 1"		NR		NR		NR				
9999900-33-5	Seive Size .75"		NR		NR		NR				
9999900-33-6	Seive Size .5"		NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

METAL											
		SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01				
		ORIGINAL ID ----->	041M490101		041M490201		041M490301				
		LAB SAMPLE ID --->	960025-14		960025-15		960025-16				
		ID FROM REPORT -->	041M490101		041M490201		041M490301				
		SAMPLE DATE ----->	01/16/96		01/16/96		01/16/96				
		DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96				
		DATE ANALYZED --->	01/22/96		01/22/96		01/22/96				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL			
7429-90-5	Aluminum		3000.		3560.		1500.				
7440-36-0	Antimony		0.14	UJ	0.15	UJ	0.14	UJ			
7440-38-2	Arsenic		0.14	U	0.21	J	0.14	U			
7440-39-3	Barium		5.6	J	5.6	J	1.7	J			
7440-41-7	Beryllium		0.07	U	0.07	U	0.07	U			
7440-43-9	Cadmium		0.15	U	0.15	U	0.2	U			
7440-70-2	Calcium		385.		1630.		14.4	J			
7440-47-3	Chromium		2.5		2.6		0.99				
7440-48-4	Cobalt		0.2	J	0.17	J	0.15	J			
7440-50-8	Copper		1.6	J	1.2	J	0.49	J			
7439-89-6	Iron		407.		707.		548.				
7439-92-1	Lead		7.2		6.8		2.7				
7439-95-4	Magnesium		79.1	J	123.	J	43.3	J			
7439-96-5	Manganese		2.2		7.		0.94	J			
7439-97-6	Mercury		0.06	J	0.06	U	0.06	U			
7440-02-0	Nickel		0.65	U	0.91	J	0.64	U			
7440-09-7	Potassium		59.7	J	66.	J	26.2	J			
7782-49-2	Selenium		0.29	UJ	0.29	UJ	0.28	UJ			
7440-22-4	Silver		0.36	U	0.37	U	0.35	U			
7440-23-5	Sodium		17.9	J	30.4	J	18.2	J			
7440-28-0	Thallium		0.29	U	0.29	U	0.28	U			
7440-62-2	Vanadium		2.8	J	3.	J	2.1	J			
7440-66-6	Zinc		7.6		6.5		0.96	J			
57-12-5	Cyanide (CN)		0.68	U	0.66	U	0.68	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

PEST											
		SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01				
		ORIGINAL ID ----->	041M490101		041M490201		041M490301				
		LAB SAMPLE ID --->	960025-14		960025-15		960025-16				
		ID FROM REPORT -->	041M490101		041M490201		041M490301				
		SAMPLE DATE ----->	01/16/96		01/16/96		01/16/96				
		DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96				
		DATE ANALYZED --->	02/05/96		02/06/96		02/06/96				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL			
319-84-6	alpha-BHC		1.	UJ	0.62	UJ	0.12	UJ			
319-85-7	beta-BHC		1.	U	0.62	U	0.12	U			
319-86-8	delta-BHC		1.	U	0.62	U	0.12	U			
58-89-9	gamma-BHC (Lindane)		1.	U	0.62	U	0.12	U			
76-44-8	Heptachlor		1.	U	0.62	U	0.12	U			
309-00-2	Aldrin		1.	U	0.62	U	0.12	U			
1024-57-3	Heptachlor epoxide		1.	U	1.1	J	0.12	U			
959-98-8	Endosulfan I		1.	U	0.62	U	0.12	U			
60-57-1	Dieldrin		2.1	U	1.3	U	0.24	U			
72-55-9	4,4'-DDE		18.		9.2		0.24	U			
72-20-8	Endrin		2.1	U	1.3	U	0.24	U			
33213-65-9	Endosulfan II		2.1	U	1.3	U	0.24	U			
72-54-8	4,4'-DDD		94.	DJ	59.	DJ	0.24	U			
1031-07-8	Endosulfan sulfate		2.1	U	1.3	U	0.24	U			
50-29-3	4,4'-DDT		1.2	J	3.	J	0.24	U			
72-43-5	Methoxychlor		10.	U	6.2	U	1.2	U			
53494-70-5	Endrin ketone		2.1	U	1.3	U	0.24	U			
7421-93-4	Endrin aldehyde		2.1	U	1.3	U	0.24	U			
5103-71-9	alpha-Chlordane		1.	U	0.62	U	0.12	U			
5103-74-2	gamma-Chlordane		1.	U	0.62	U	0.12	U			
8001-35-2	Toxaphene		210.	U	130.	U	24.	U			
12674-11-2	Aroclor-1016		21.	U	13.	U	2.4	U			
11104-28-2	Aroclor-1221		40.	U	25.	U	4.6	U			
11141-16-5	Aroclor-1232		21.	U	13.	U	2.4	U			
53469-21-9	Aroclor-1242		21.	U	13.	U	2.4	U			
12672-29-6	Aroclor-1248		21.	U	13.	U	2.4	U			
11097-69-1	Aroclor-1254		21.	U	13.	U	2.4	U			
11096-82-5	Aroclor-1260		21.	U	13.	U	2.4	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

SVOA										
		SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01			
		ORIGINAL ID ----->	041M490101		041M490201		041M490301			
		LAB SAMPLE ID --->	960025-14		960025-15		960025-16			
		ID FROM REPORT -->	041M490101		041M490201		041M490301			
		SAMPLE DATE ----->	01/16/96		01/16/96		01/16/96			
		DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96			
		DATE ANALYZED --->	01/24/96		01/24/96		01/24/96			
		MATRIX ---------->	Sediment		Sediment		Sediment			
		UNITS ---------->	UG/KG		UG/KG		UG/KG			
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL		
108-95-2	Phenol		410.	U	490.	U	460.	U		
111-44-4	bis(2-Chloroethyl)ether		41.	U	49.	U	46.	U		
95-57-8	2-Chlorophenol		410.	U	490.	U	460.	U		
541-73-1	1,3-Dichlorobenzene		410.	U	490.	U	460.	U		
106-46-7	1,4-Dichlorobenzene		410.	U	490.	U	460.	U		
95-50-1	1,2-Dichlorobenzene		410.	U	490.	U	460.	U		
95-48-7	2-Methylphenol (o-Cresol)		410.	U	490.	U	460.	U		
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		410.	U	490.	U	460.	U		
106-44-5	4-Methylphenol (p-Cresol)		410.	U	490.	U	460.	U		
621-64-7	N-Nitroso-di-n-propylamine		41.	U	49.	U	46.	U		
67-72-1	Hexachloroethane		410.	U	490.	U	460.	U		
98-95-3	Nitrobenzene		410.	U	490.	U	460.	U		
78-59-1	Isophorone		410.	U	490.	U	460.	U		
88-75-5	2-Nitrophenol		410.	U	490.	U	460.	U		
105-67-9	2,4-Dimethylphenol		410.	U	490.	U	460.	U		
111-91-1	bis(2-Chloroethoxy)methane		410.	U	490.	U	460.	U		
120-83-2	2,4-Dichlorophenol		410.	U	490.	U	460.	U		
120-82-1	1,2,4-Trichlorobenzene		410.	U	490.	U	460.	U		
91-20-3	Naphthalene		41.	U	49.	U	46.	U		
106-47-8	4-Chloroaniline		410.	U	490.	U	460.	U		
87-68-3	Hexachlorobutadiene		410.	U	490.	U	460.	U		
59-50-7	4-Chloro-3-methylphenol		410.	U	490.	U	460.	U		
91-57-6	2-Methylnaphthalene		41.	U	49.	U	46.	U		
77-47-4	Hexachlorocyclopentadiene		410.	U	490.	U	460.	U		
88-06-2	2,4,6-Trichlorophenol		410.	U	490.	U	460.	U		
95-95-4	2,4,5-Trichlorophenol		990.	U	1200.	U	1100.	U		
91-58-7	2-Chloronaphthalene		410.	U	490.	U	460.	U		
88-74-4	2-Nitroaniline		410.	U	490.	U	460.	U		
131-11-3	Dimethylphthalate		410.	U	490.	U	460.	U		
208-96-8	Acenaphthylene		41.	U	49.	U	46.	U		
606-20-2	2,6-Dinitrotoluene		410.	U	490.	U	460.	U		
99-09-2	3-Nitroaniline		990.	U	1200.	U	1100.	U		
83-32-9	Acenaphthene		20.	U	24.	U	22.	U		
51-28-5	2,4-Dinitrophenol		990.	UJ	1200.	UJ	1100.	UJ		
100-02-7	4-Nitrophenol		990.	U	1200.	U	1100.	U		
132-64-9	Dibenzofuran		410.	U	490.	U	460.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-4901-01		041-M-4902-01		041-M-4903-01				
		ORIGINAL ID ----->	041M490101		041M490201		041M490301				
		LAB SAMPLE ID --->	960025-14		960025-15		960025-16				
		ID FROM REPORT -->	041M490101		041M490201		041M490301				
		SAMPLE DATE ----->	01/16/96		01/16/96		01/16/96				
		DATE ANALYZED --->	01/18/96		01/18/96		01/18/96				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		EM005	VAL	EM005	VAL	EM005	VAL			
74-87-3	Chloromethane		65.	U	13.	U	2.	J			
74-83-9	Bromomethane		65.	U	13.	U	15.	U			
75-01-4	Vinyl chloride		19.	U	4.	U	4.	U			
75-00-3	Chloroethane		65.	U	13.	U	15.	U			
75-09-2	Methylene chloride		65.	U	13.	U	15.	U			
67-64-1	Acetone		65.	U	14.	U	23.	U			
75-15-0	Carbon disulfide		65.	U	13.	U	15.	U			
75-35-4	1,1-Dichloroethene		65.	U	13.	U	15.	U			
75-34-3	1,1-Dichloroethane		65.	U	13.	U	15.	U			
540-59-0	1,2-Dichloroethene (total)		65.	U	13.	U	15.	U			
67-66-3	Chloroform		65.	U	13.	U	15.	U			
107-06-2	1,2-Dichloroethane		65.	U	13.	U	15.	U			
78-93-3	2-Butanone (MEK)		65.	U	13.	U	15.	U			
71-55-6	1,1,1-Trichloroethane		65.	U	13.	U	15.	U			
56-23-5	Carbon tetrachloride		65.	U	13.	U	15.	U			
75-27-4	Bromodichloromethane		65.	U	13.	U	15.	U			
78-87-5	1,2-Dichloropropane		65.	U	13.	U	15.	U			
10061-01-5	cis-1,3-Dichloropropene		65.	U	13.	U	15.	U			
79-01-6	Trichloroethene		65.	U	13.	U	15.	U			
124-48-1	Dibromochloromethane		65.	U	13.	U	15.	U			
79-00-5	1,1,2-Trichloroethane		65.	U	13.	U	15.	U			
71-43-2	Benzene		65.	U	13.	U	15.	U			
10061-02-6	trans-1,3-Dichloropropene		65.	U	13.	U	15.	U			
75-25-2	Bromoform		65.	U	13.	U	15.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		65.	U	13.	U	15.	U			
591-78-6	2-Hexanone		65.	U	13.	U	15.	U			
127-18-4	Tetrachloroethene		65.	U	13.	U	15.	U			
79-34-5	1,1,2,2-Tetrachloroethane		65.	U	13.	U	15.	U			
108-88-3	Toluene		65.	U	13.	U	15.	U			
108-90-7	Chlorobenzene		65.	U	13.	U	15.	U			
100-41-4	Ethylbenzene		65.	U	13.	U	15.	U			
100-42-5	Styrene		65.	U	13.	U	15.	U			
1330-20-7	Xylene (Total)		65.	U	13.	U	15.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96	
	DATE EXTRACTED -->	02/09/96		02/09/96		02/09/96		02/09/96		02/09/96	
	DATE ANALYZED --->	02/14/96		02/14/96		02/14/96		02/14/96		02/14/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
9999000-58-8	Percent Solids	11.5		46.7		53.4		12.2		69.7	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	GTX-964-01		GTX-964		GTX-964-03		GTX-964-04		GTX-969-04	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->										
	DATE ANALYZED --->	01/25/96		01/25/96		01/25/96		01/25/96		02/01/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
9999900-32-7	Seive Size #10	100.	NA	100.	NA	100.	NA	100.	NA	100.	NA
9999900-32-8	Seive Size #20	94.	NA	98.	NA	100.	NA	99.	NA	98.	NA
9999900-32-9	Seive Size #40	90.	NA	89.	NA	88.	NA	89.	NA	79.	NA
9999900-33-1	Seive Size #100	86.	NA	18.	NA	12.	NA	24.	NA	8.	NA
9999900-33-0	Seive Size #60	87.	NA	46.	NA	33.	NA	53.	NA	26.	NA
9999900-33-2	Seive Size #200	85.	NA	17.	NA	11.	NA	23.	NA	8.	NA
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	NA	0.	NA
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR		NR	
9999900-32-6	Seive Size #4	NR		NR		NR		NR		100.	NA
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96	
	DATE EXTRACTED -->	01/31/96		02/03/96		01/31/96		02/03/96		02/03/96	
	DATE ANALYZED --->	02/01/96		02/05/96		02/01/96		02/05/96		02/05/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
7429-90-5	Aluminum	6230.		667.		1140.		4210.		3060.	
7440-36-0	Antimony	0.86	UJ	0.22	UJ	0.18	UJ	4.2	UJ	0.15	UJ
7440-38-2	Arsenic	0.86	U	0.22	U	0.18	U	0.84	U	0.31	J
7440-39-3	Barium	43.3	J	6.4	J	2.2	J	19.6	J	3.4	J
7440-41-7	Beryllium	0.68	J	0.11	U	0.09	U	0.42	U	0.07	U
7440-43-9	Cadmium	0.86	U	0.22	U	0.18	U	0.84	U	0.15	U
7440-70-2	Calcium	1450.	J	1310.		2530.		3670.		526.	
7440-47-3	Chromium	4.2	J	1.2		1.6		6.7		2.9	
7440-48-4	Cobalt	1.4	J	0.22	U	0.25	J	0.84	U	0.21	J
7440-50-8	Copper	3.9	J	0.92	J	2.	J	6.4	J	1.7	J
7439-89-6	Iron	361.		362.		1090.		2300.		1680.	
7439-92-1	Lead	7.1		3.7		5.7		17.7		2.6	
7439-95-4	Magnesium	1280.	J	176.	J	449.	J	1050.	J	110.	J
7439-96-5	Manganese	15.8		2.		6.7		12.4		8.5	
7439-97-6	Mercury	0.38	U	0.1	U	0.08	U	0.37	U	0.06	U
7440-02-0	Nickel	3.9	U	1.6	J	0.99	J	5.2	J	1.6	J
7440-09-7	Potassium	84.5	J	22.2	J	51.3	J	160.	J	84.3	J
7782-49-2	Selenium	10.2	J	0.82	J	0.37	UJ	3.	J	0.73	J
7440-22-4	Silver	2.2	U	0.55	U	0.46	U	2.1	U	0.37	U
7440-23-5	Sodium	143.	J	23.2	U	61.1	J	169.	J	14.6	U
7440-28-0	Thallium	1.7	U	0.44	U	0.37	U	1.7	U	0.3	U
7440-62-2	Vanadium	6.6	J	1.1	J	1.9	J	6.5	J	4.4	
7440-66-6	Zinc	1.7	U	3.2		5.3		10.7		25.5	
57-12-5	Cyanide (CN)	4.2	U	1.1	U	0.93	U	4.1	U	0.7	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

PEST

	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96	
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96		01/30/96		01/30/96	
	DATE ANALYZED --->	02/14/96		02/14/96		02/15/96		02/15/96		02/15/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
319-84-6	alpha-BHC	0.69	U	0.21	U	0.13	U	0.22	U	0.14	J
319-85-7	beta-BHC	0.69	U	0.21	U	0.13	U	0.22	U	0.12	U
319-86-8	delta-BHC	0.69	U	0.61	J	0.13	U	0.22	U	0.12	U
58-89-9	gamma-BHC (Lindane)	0.69	U	0.21	U	0.43	J	0.22	U	0.12	U
76-44-8	Heptachlor	0.69	U	0.21	U	0.13	U	0.22	U	0.12	U
309-00-2	Aldrin	2.8	J	0.21	U	0.13	U	0.22	U	0.12	U
1024-57-3	Heptachlor epoxide	0.69	U	0.21	U	0.13	U	0.22	U	0.12	U
959-98-8	Endosulfan I	5.7	J	0.21	U	0.13	U	0.22	U	0.39	J
60-57-1	Dieldrin	9.5	J	0.43	U	0.26	U	0.45	U	0.24	U
72-55-9	4,4'-DDE	1.4	U	0.43	U	7.	D	0.45	U	0.24	U
72-20-8	Endrin	1.4	U	2.4	J	0.26	U	1.7	J	0.24	U
33213-65-9	Endosulfan II	1.4	U	0.43	U	0.26	U	0.45	U	0.24	U
72-54-8	4,4'-DDD	1.4	U	0.45	J	6.1	DJ	0.51	J	0.24	U
1031-07-8	Endosulfan sulfate	1.4	U	0.43	U	0.26	U	0.45	U	1.2	J
50-29-3	4,4'-DDT	1.4	U	0.43	U	1.3		0.45	U	0.24	U
72-43-5	Methoxychlor	6.9	U	2.1	U	1.3	U	2.2	U	1.2	U
53494-70-5	Endrin ketone	1.4	U	0.43	U	0.26	U	0.45	U	0.24	U
7421-93-4	Endrin aldehyde	1.4	U	0.43	U	0.26	U	0.45	U	0.24	U
5103-71-9	alpha-Chlordane	0.69	U	0.21	U	0.13	U	0.34	J	0.12	U
5103-74-2	gamma-Chlordane	0.91	J	0.21	U	0.13	U	0.22	U	0.12	U
8001-35-2	Toxaphene	140.	U	43.	U	27.	U	46.	U	25.	U
12674-11-2	Aroclor-1016	14.	U	4.3	U	2.6	U	4.5	U	2.4	U
11104-28-2	Aroclor-1221	28.	U	8.5	U	5.3	U	9.	U	4.9	U
11141-16-5	Aroclor-1232	14.	U	4.3	U	2.6	U	4.5	U	2.4	U
53469-21-9	Aroclor-1242	14.	U	4.3	U	2.6	U	4.5	U	2.4	U
12672-29-6	Aroclor-1248	14.	U	4.3	U	2.6	U	4.5	U	2.4	U
11097-69-1	Aroclor-1254	14.	U	4.3	U	2.6	U	4.5	U	2.4	U
11096-82-5	Aroclor-1260	14.	U	3.7	J	2.6	U	3.3	J	2.4	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96	
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96		01/30/96		01/30/96	
	DATE ANALYZED --->	02/12/96		02/10/96		02/10/96		02/10/96		02/11/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
108-95-2	Phenol	2700.	U	840.	U	520.	U	880.	U	480.	U
111-44-4	bis(2-Chloroethyl)ether	270.	U	84.	U	52.	U	88.	U	48.	U
95-57-8	2-Chlorophenol	2700.	U	840.	U	520.	U	880.	U	480.	U
541-73-1	1,3-Dichlorobenzene	2700.	U	840.	U	520.	U	880.	U	480.	U
106-46-7	1,4-Dichlorobenzene	2700.	U	840.	U	520.	U	880.	U	480.	U
95-50-1	1,2-Dichlorobenzene	2700.	U	840.	U	520.	U	880.	U	480.	U
95-48-7	2-Methylphenol (o-Cresol)	2700.	U	840.	U	520.	U	880.	U	480.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	2700.	UJ	840.	U	520.	U	880.	U	480.	U
106-44-5	4-Methylphenol (p-Cresol)	2700.	U	840.	U	170.	J	110.	J	480.	U
621-64-7	N-Nitroso-di-n-propylamine	270.	U	84.	U	52.	U	88.	U	48.	U
67-72-1	Hexachloroethane	2700.	U	840.	U	520.	U	880.	U	480.	U
98-95-3	Nitrobenzene	2700.	U	840.	U	520.	U	880.	U	480.	U
78-59-1	Isophorone	2700.	U	840.	U	520.	U	880.	U	480.	U
88-75-5	2-Nitrophenol	2700.	U	840.	U	520.	U	880.	U	480.	U
105-67-9	2,4-Dimethylphenol	2700.	U	840.	U	520.	U	880.	U	480.	U
111-91-1	bis(2-Chloroethoxy)methane	2700.	U	840.	U	520.	U	880.	U	480.	U
120-83-2	2,4-Dichlorophenol	2700.	U	840.	U	520.	U	880.	U	480.	U
120-82-1	1,2,4-Trichlorobenzene	2700.	U	840.	U	520.	U	880.	U	480.	U
91-20-3	Naphthalene	270.	U	84.	U	52.	U	88.	U	100.	
106-47-8	4-Chloroaniline	2700.	U	840.	U	520.	U	880.	U	480.	U
87-68-3	Hexachlorobutadiene	2700.	U	840.	U	520.	U	880.	U	480.	U
59-50-7	4-Chloro-3-methylphenol	2700.	U	840.	U	520.	U	880.	U	480.	U
91-57-6	2-Methylnaphthalene	270.	U	84.	U	52.	U	88.	U	50.	
77-47-4	Hexachlorocyclopentadiene	2700.	U	840.	U	520.	U	880.	U	480.	U
88-06-2	2,4,6-Trichlorophenol	2700.	U	840.	U	520.	U	880.	U	480.	U
95-95-4	2,4,5-Trichlorophenol	6700.	U	2000.	U	1300.	U	2100.	U	1200.	U
91-58-7	2-Chloronaphthalene	2700.	U	840.	U	520.	U	880.	U	480.	U
88-74-4	2-Nitroaniline	2700.	U	840.	U	520.	U	880.	U	480.	U
131-11-3	Dimethylphthalate	2700.	U	840.	U	520.	U	880.	U	480.	U
208-96-8	Acenaphthylene	270.	U	84.	U	52.	U	88.	U	48.	U
606-20-2	2,6-Dinitrotoluene	2700.	U	840.	U	520.	U	880.	U	480.	U
99-09-2	3-Nitroaniline	6700.	U	2000.	U	1300.	U	2100.	U	1200.	U
83-32-9	Acenaphthene	130.	U	41.	U	25.	U	43.	U	77.	
51-28-5	2,4-Dinitrophenol	6700.	U	2000.	U	1300.	U	2100.	U	1200.	U
100-02-7	4-Nitrophenol	6700.	U	2000.	U	1300.	U	2100.	U	1200.	U
132-64-9	Dibenzofuran	2700.	U	840.	U	520.	U	880.	U	72.	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

SVOA													
		SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01		
		ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301		
		LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08		
		ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301		
		SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96		
		DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96		01/30/96		01/30/96		
		DATE ANALYZED --->	02/12/96		02/10/96		02/10/96		02/10/96		02/11/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	
121-14-2	2,4-Dinitrotoluene		2700.	U	840.	U	520.	U	880.	U	480.	U	
84-66-2	Diethylphthalate		2700.	U	840.	U	520.	U	880.	U	480.	U	
7005-72-3	4-Chlorophenylphenyl ether		2700.	U	840.	U	520.	U	880.	U	480.	U	
86-73-7	Fluorene		130.	U	41.	U	25.	U	43.	U	94.		
100-01-6	4-Nitroaniline		6700.	U	2000.	U	1300.	U	2100.	U	1200.	U	
534-52-1	2-Methyl-4,6-Dinitrophenol		6700.	U	2000.	U	1300.	U	2100.	U	1200.	U	
86-30-6	N-Nitrosodiphenylamine		2700.	U	840.	U	520.	U	880.	U	480.	U	
101-55-3	4-Bromophenyl-phenylether		2700.	U	840.	U	520.	U	880.	U	480.	U	
118-74-1	Hexachlorobenzene		2700.	U	840.	U	520.	U	880.	U	480.	U	
87-86-5	Pentachlorophenol		6700.	U	2000.	U	1300.	U	2100.	U	1200.	U	
85-01-8	Phenanthrene		270.	U	84.	U	52.	U	88.	U	240.		
120-12-7	Anthracene		270.	U	84.	U	52.	U	88.	U	100.		
86-74-8	Carbazole		2700.	U	840.	U	520.	U	880.	U	45.	J	
84-74-2	Di-n-butylphthalate		150.	J	840.	U	49.	J	68.	J	480.	U	
206-44-0	Fluoranthene		270.	U	84.	U	140.		88.	U	130.		
129-00-0	Pyrene		270.	U	84.	U	140.		88.	U	82.		
85-68-7	Butylbenzylphthalate		2700.	U	840.	U	520.	U	880.	U	480.	U	
91-94-1	3,3'-Dichlorobenzidine		2700.	U	840.	U	520.	U	880.	U	480.	U	
56-55-3	Benzo(a)anthracene		270.	U	84.	U	100.		88.	U	26.	J	
218-01-9	Chrysene		270.	U	84.	U	130.		88.	U	48.	U	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		360.	J	110.	J	260.	J	180.	J	50.	J	
117-84-0	Di-n-octylphthalate		2700.	U	840.	U	520.	U	880.	U	480.	U	
205-99-2	Benzo(b)fluoranthene		270.	U	84.	U	190.		88.	U	48.	U	
207-08-9	Benzo(k)fluoranthene		270.	U	84.	U	61.		88.	U	48.	U	
50-32-8	Benzo(a)pyrene		270.	U	84.	U	64.		88.	U	48.	U	
193-39-5	Indeno(1,2,3-cd)pyrene		270.	U	84.	U	51.	J	88.	U	48.	U	
53-70-3	Dibenz(a,h)anthracene		270.	U	84.	U	52.	U	88.	U	48.	U	
191-24-2	Benzo(g,h,i)perylene		270.	U	84.	U	45.	J	88.	U	48.	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

TOC											
	SAMPLE ID ------->	041-M-52A1-01		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01	
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08	
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301	
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96	
	DATE EXTRACTED -->	02/15/96		02/15/96		02/15/96		02/15/96		02/16/96	
	DATE ANALYZED --->	02/15/96		02/15/96		02/15/96		02/15/96		02/16/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL
9999900-01-4	Total Organic Carbon (TOC)	468000.		52500.		22800.		221000.		6800.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	041-M-52A1-01 RE		041-M-52D1-01		041-M-52E1-01		041-M-52E2-01		041-M-52E3-01			
	ORIGINAL ID ----->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301			
	LAB SAMPLE ID --->	960055-01		960055-02		960055-03		960055-04		960055-08			
	ID FROM REPORT -->	041M52A101		041M52D101		041M52E101		041M52E201		041M52E301			
	SAMPLE DATE ----->	01/23/96		01/23/96		01/23/96		01/23/96		01/24/96			
	DATE ANALYZED --->	01/26/96		01/24/96		01/24/96		01/26/96		01/26/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL	M52A10	VAL		
74-87-3	Chloromethane	71.	U	16.	U	17.	U	45.	U	14.	U		
74-83-9	Bromomethane	71.	U	16.	U	17.	U	45.	U	14.	U		
75-01-4	Vinyl chloride	21.	U	5.	U	5.	U	14.	U	4.	U		
75-00-3	Chloroethane	71.	U	16.	U	17.	U	45.	U	14.	U		
75-09-2	Methylene chloride	71.	U	16.	U	17.	U	45.	U	14.	U		
67-64-1	Acetone	1300.		29.	U	52.	U	200.	U	31.	U		
75-15-0	Carbon disulfide	71.	U	16.	U	17.	U	45.	U	14.	U		
75-35-4	1,1-Dichloroethene	71.	U	16.	U	17.	U	45.	U	14.	U		
75-34-3	1,1-Dichloroethane	71.	U	16.	U	17.	U	45.	U	14.	U		
540-59-0	1,2-Dichloroethene (total)	71.	U	16.	U	17.	U	45.	U	14.	U		
67-66-3	Chloroform	71.	U	16.	U	17.	U	45.	U	14.	U		
107-06-2	1,2-Dichloroethane	71.	U	16.	U	17.	U	45.	U	14.	U		
78-93-3	2-Butanone (MEK)	71.	U	16.	U	17.	U	45.	U	14.	U		
71-55-6	1,1,1-Trichloroethane	71.	U	16.	U	17.	U	45.	U	14.	U		
56-23-5	Carbon tetrachloride	71.	U	16.	U	17.	U	45.	U	14.	U		
75-27-4	Bromodichloromethane	71.	U	16.	U	17.	U	45.	U	14.	U		
78-87-5	1,2-Dichloropropane	71.	U	16.	U	17.	U	45.	U	14.	U		
10061-01-5	cis-1,3-Dichloropropene	71.	U	16.	U	17.	U	45.	U	14.	U		
79-01-6	Trichloroethene	71.	U	16.	U	17.	U	45.	U	14.	U		
124-48-1	Dibromochloromethane	71.	U	16.	U	17.	U	45.	U	14.	U		
79-00-5	1,1,2-Trichloroethane	71.	U	16.	U	17.	U	45.	U	14.	U		
71-43-2	Benzene	71.	U	16.	U	17.	U	45.	U	14.	U		
10061-02-6	trans-1,3-Dichloropropene	71.	U	16.	U	17.	U	45.	U	14.	U		
75-25-2	Bromoform	71.	U	16.	U	17.	U	45.	U	14.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	71.	U	16.	U	17.	U	45.	U	14.	U		
591-78-6	2-Hexanone	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
127-18-4	Tetrachloroethene	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
79-34-5	1,1,2,2-Tetrachloroethane	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
108-88-3	Toluene	71.	UJ	16.	U	17.	U	21.	J	14.	U		
108-90-7	Chlorobenzene	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
100-41-4	Ethylbenzene	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
100-42-5	Styrene	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		
1330-20-7	Xylene (Total)	71.	UJ	16.	U	17.	U	45.	UJ	14.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-56A1-01					
	ORIGINAL ID ----->	041M56A101					
	LAB SAMPLE ID --->	960055-09					
	ID FROM REPORT -->	041M56A101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/09/96					
	DATE ANALYZED --->	02/14/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	M52A10 VAL					
9999000-58-8	Percent Solids	66.1					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID ------->	041-M-56A1-01
ORIGINAL ID ----->	041M56A101
LAB SAMPLE ID --->	GTX-969-05
ID FROM REPORT -->	041M56A101
SAMPLE DATE ----->	
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Sediment
UNITS ---------->	%

CAS #	Parameter	M52A10	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	100.	NA
9999900-32-9	Seive Size #40	87.	NA
9999900-33-1	Seive Size #100	11.	NA
9999900-33-0	Seive Size #60	29.	NA
9999900-33-2	Seive Size #200	10.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	NR	
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

METAL			
	SAMPLE ID ------->	041-M-56A1-01	
	ORIGINAL ID ----->	041M56A101	
	LAB SAMPLE ID --->	960055-09	
	ID FROM REPORT -->	041M56A101	
	SAMPLE DATE ----->	01/24/96	
	DATE EXTRACTED -->	02/03/96	
	DATE ANALYZED --->	02/05/96	
	MATRIX ---------->	Sediment	
	UNITS ----------->	MG/KG	
CAS #	Parameter	M52A10	VAL
7429-90-5	Aluminum	2560.	
7440-36-0	Antimony	0.15	UJ
7440-38-2	Arsenic	0.33	J
7440-39-3	Barium	3.3	J
7440-41-7	Beryllium	0.08	U
7440-43-9	Cadmium	0.15	U
7440-70-2	Calcium	682.	
7440-47-3	Chromium	3.1	
7440-48-4	Cobalt	0.3	J
7440-50-8	Copper	3.1	
7439-89-6	Iron	1210.	
7439-92-1	Lead	9.4	
7439-95-4	Magnesium	82.1	J
7439-96-5	Manganese	3.2	
7439-97-6	Mercury	0.07	U
7440-02-0	Nickel	1.4	J
7440-09-7	Potassium	52.	J
7782-49-2	Selenium	2.4	J
7440-22-4	Silver	0.38	U
7440-23-5	Sodium	13.9	U
7440-28-0	Thallium	0.3	U
7440-62-2	Vanadium	4.	
7440-66-6	Zinc	5.9	
57-12-5	Cyanide (CN)	0.75	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-56A1-01
ORIGINAL ID ----->	041M56A101
LAB SAMPLE ID --->	960055-09
ID FROM REPORT -->	041M56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/14/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M52A10	VAL
319-84-6	alpha-BHC	0.13	U
319-85-7	beta-BHC	0.13	U
319-86-8	delta-BHC	0.13	U
58-89-9	gamma-BHC (Lindane)	0.4	J
76-44-8	Heptachlor	0.13	U
309-00-2	Aldrin	0.13	U
1024-57-3	Heptachlor epoxide	0.13	U
959-98-8	Endosulfan I	0.13	U
60-57-1	Dieldrin	0.27	U
72-55-9	4,4'-DDE	5.3	DJ
72-20-8	Endrin	0.39	J
33213-65-9	Endosulfan II	0.27	U
72-54-8	4,4'-DDD	53.	D
1031-07-8	Endosulfan sulfate	0.27	U
50-29-3	4,4'-DDT	2.8	
72-43-5	Methoxychlor	1.3	U
53494-70-5	Endrin ketone	0.27	U
7421-93-4	Endrin aldehyde	0.27	U
5103-71-9	alpha-Chlordane	0.13	U
5103-74-2	gamma-Chlordane	0.13	U
8001-35-2	Toxaphene	27.	U
12674-11-2	Aroclor-1016	2.7	U
11104-28-2	Aroclor-1221	5.4	U
11141-16-5	Aroclor-1232	2.7	U
53469-21-9	Aroclor-1242	2.7	U
12672-29-6	Aroclor-1248	2.7	U
11097-69-1	Aroclor-1254	2.7	U
11096-82-5	Aroclor-1260	2.7	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-56A1-01
ORIGINAL ID ----->	041M56A101
LAB SAMPLE ID --->	960055-09
ID FROM REPORT -->	041M56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/10/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M52A10	VAL
108-95-2	Phenol	520.	U
111-44-4	bis(2-Chloroethyl)ether	52.	U
95-57-8	2-Chlorophenol	520.	U
541-73-1	1,3-Dichlorobenzene	520.	U
106-46-7	1,4-Dichlorobenzene	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)/bis(2-chlor	520.	U
106-44-5	4-Methylphenol (p-Cresol)	520.	U
621-64-7	N-Nitroso-di-n-propylamine	52.	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
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	52.	U
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	52.	U
77-47-4	Hexachlorocyclopentadiene	520.	U
88-06-2	2,4,6-Trichlorophenol	520.	U
95-95-4	2,4,5-Trichlorophenol	1300.	U
91-58-7	2-Chloronaphthalene	520.	U
88-74-4	2-Nitroaniline	520.	U
131-11-3	Dimethylphthalate	520.	U
208-96-8	Acenaphthylene	52.	U
606-20-2	2,6-Dinitrotoluene	520.	U
99-09-2	3-Nitroaniline	1300.	U
83-32-9	Acenaphthene	25.	U
51-28-5	2,4-Dinitrophenol	1300.	U
100-02-7	4-Nitrophenol	1300.	U
132-64-9	Dibenzofuran	520.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-56A1-01
ORIGINAL ID ----->	041M56A101
LAB SAMPLE ID --->	960055-09
ID FROM REPORT -->	041M56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/10/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	M52A10	VAL
121-14-2	2,4-Dinitrotoluene	520.	U
84-66-2	Diethylphthalate	520.	U
7005-72-3	4-Chlorophenylphenyl ether	520.	U
86-73-7	Fluorene	25.	U
100-01-6	4-Nitroaniline	1300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1300.	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	1300.	U
85-01-8	Phenanthrene	52.	U
120-12-7	Anthracene	52.	U
86-74-8	Carbazole	520.	U
84-74-2	Di-n-butylphthalate	520.	U
206-44-0	Fluoranthene	52.	U
129-00-0	Pyrene	36.	J
85-68-7	Butylbenzylphthalate	520.	U
91-94-1	3,3'-Dichlorobenzidine	520.	U
56-55-3	Benzo(a)anthracene	52.	U
218-01-9	Chrysene	52.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	51.	J
117-84-0	Di-n-octylphthalate	520.	U
205-99-2	Benzo(b)fluoranthene	52.	U
207-08-9	Benzo(k)fluoranthene	52.	U
50-32-8	Benzo(a)pyrene	52.	U
193-39-5	Indeno(1,2,3-cd)pyrene	52.	U
53-70-3	Dibenz(a,h)anthracene	52.	U
191-24-2	Benzo(g,h,i)perylene	52.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-56A1-01					
	ORIGINAL ID ----->	041M56A101					
	LAB SAMPLE ID --->	960055-09					
	ID FROM REPORT -->	041M56A101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/16/96					
	DATE ANALYZED --->	02/16/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	M52A10 VAL					
9999900-01-4	Total Organic Carbon (TOC)	12600.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-56A1-01
ORIGINAL ID ----->	041M56A101
LAB SAMPLE ID --->	960055-09
ID FROM REPORT -->	041M56A101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/26/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M52A10	VAL
74-87-3	Chloromethane	25.	U
74-83-9	Bromomethane	25.	U
75-01-4	Vinyl chloride	8.	U
75-00-3	Chloroethane	25.	U
75-09-2	Methylene chloride	25.	U
67-64-1	Acetone	87.	U
75-15-0	Carbon disulfide	25.	U
75-35-4	1,1-Dichloroethene	25.	U
75-34-3	1,1-Dichloroethane	25.	U
540-59-0	1,2-Dichloroethene (total)	25.	U
67-66-3	Chloroform	25.	U
107-06-2	1,2-Dichloroethane	25.	U
78-93-3	2-Butanone (MEK)	25.	U
71-55-6	1,1,1-Trichloroethane	25.	U
56-23-5	Carbon tetrachloride	25.	U
75-27-4	Bromodichloromethane	25.	U
78-87-5	1,2-Dichloropropane	25.	U
10061-01-5	cis-1,3-Dichloropropene	25.	U
79-01-6	Trichloroethene	25.	U
124-48-1	Dibromochloromethane	25.	U
79-00-5	1,1,2-Trichloroethane	25.	U
71-43-2	Benzene	25.	U
10061-02-6	trans-1,3-Dichloropropene	25.	U
75-25-2	Bromoform	25.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25.	U
591-78-6	2-Hexanone	25.	U
127-18-4	Tetrachloroethene	25.	U
79-34-5	1,1,2,2-Tetrachloroethane	25.	U
108-88-3	Toluene	25.	U
108-90-7	Chlorobenzene	25.	U
100-41-4	Ethylbenzene	25.	U
100-42-5	Styrene	25.	U
1330-20-7	Xylene (Total)	25.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-5701-01					
	ORIGINAL ID ----->	041M570101					
	LAB SAMPLE ID --->	950991-11					
	ID FROM REPORT -->	041M570101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	01/10/96					
	DATE ANALYZED --->	01/11/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	Z30301 VAL					
9999000-58-8	Percent Solids	50.8					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

GRAIN SIZE

SAMPLE ID ------->	041-M-5701-01
ORIGINAL ID ----->	041M570101
LAB SAMPLE ID --->	GTX-929-02
ID FROM REPORT -->	041M570101
SAMPLE DATE ----->	
DATE ANALYZED --->	12/04/95
MATRIX ---------->	Sediment
UNITS ---------->	%

CAS #	Parameter	Z30301	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	99.	NA
9999900-32-9	Seive Size #40	85.	NA
9999900-33-1	Seive Size #100	11.	NA
9999900-33-0	Seive Size #60	22.	NA
9999900-33-2	Seive Size #200	11.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	NR	
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

METAL		
	SAMPLE ID ------->	041-M-5701-01
	ORIGINAL ID ----->	041M570101
	LAB SAMPLE ID --->	950991-11
	ID FROM REPORT -->	041M570101
	SAMPLE DATE ----->	11/29/95
	DATE EXTRACTED -->	01/10/96
	DATE ANALYZED --->	01/11/96
	MATRIX ---------->	Sediment
	UNITS ---------->	MG/KG

CAS #	Parameter	Z30301	VAL
7429-90-5	Aluminum	5520.	
7440-36-0	Antimony	0.2	UR
7440-38-2	Arsenic	1.6	
7440-39-3	Barium	11.3	J
7440-41-7	Beryllium	0.1	U
7440-43-9	Cadmium	0.31	U
7440-70-2	Calcium	2720.	
7440-47-3	Chromium	4.8	J
7440-48-4	Cobalt	0.45	J
7440-50-8	Copper	4.9	
7439-89-6	Iron	3790.	
7439-92-1	Lead	17.7	
7439-95-4	Magnesium	214.	J
7439-96-5	Manganese	15.8	
7439-97-6	Mercury	0.14	J
7440-02-0	Nickel	2.	J
7440-09-7	Potassium	117.	J
7782-49-2	Selenium	1.6	
7440-22-4	Silver	0.41	U
7440-23-5	Sodium	48.8	J
7440-28-0	Thallium	0.31	UJ
7440-62-2	Vanadium	9.2	
7440-66-6	Zinc	14.7	
57-12-5	Cyanide (CN)	0.95	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-5701-01
ORIGINAL ID ----->	041M570101
LAB SAMPLE ID --->	950991-11
ID FROM REPORT -->	041M570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	Z30301	VAL
319-84-6	alpha-BHC	0.18	U
319-85-7	beta-BHC	0.19	J
319-86-8	delta-BHC	0.18	U
58-89-9	gamma-BHC (Lindane)	0.4	J
76-44-8	Heptachlor	0.18	U
309-00-2	Aldrin	0.2	J
1024-57-3	Heptachlor epoxide	0.18	U
959-98-8	Endosulfan I	0.37	U
60-57-1	Dieldrin	0.37	U
72-55-9	4,4'-DDE	7.2	J
72-20-8	Endrin	0.37	U
33213-65-9	Endosulfan II	0.37	U
72-54-8	4,4'-DDD	3.3	J
1031-07-8	Endosulfan sulfate	0.37	U
50-29-3	4,4'-DDT	1.2	J
72-43-5	Methoxychlor	1.8	UJ
53494-70-5	Endrin ketone	0.37	U
7421-93-4	Endrin aldehyde	0.37	U
5103-71-9	alpha-Chlordane	0.18	U
5103-74-2	gamma-Chlordane	0.18	U
8001-35-2	Toxaphene	18.	U
12674-11-2	Aroclor-1016	3.7	U
11104-28-2	Aroclor-1221	7.1	U
11141-16-5	Aroclor-1232	3.7	U
53469-21-9	Aroclor-1242	3.7	U
12672-29-6	Aroclor-1248	3.7	U
11097-69-1	Aroclor-1254	3.7	U
11096-82-5	Aroclor-1260	3.7	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-5701-01
ORIGINAL ID ----->	041M570101
LAB SAMPLE ID --->	950991-11
ID FROM REPORT -->	041M570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/09/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	Z30301	VAL
108-95-2	Phenol	710.	U
111-44-4	bis(2-Chloroethyl)ether	71.	U
95-57-8	2-Chlorophenol	710.	U
541-73-1	1,3-Dichlorobenzene	710.	U
106-46-7	1,4-Dichlorobenzene	710.	U
95-50-1	1,2-Dichlorobenzene	710.	U
95-48-7	2-Methylphenol (o-Cresol)	710.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	710.	U
106-44-5	4-Methylphenol (p-Cresol)	710.	U
621-64-7	N-Nitroso-di-n-propylamine	71.	U
67-72-1	Hexachloroethane	710.	U
98-95-3	Nitrobenzene	710.	U
78-59-1	Isophorone	710.	U
88-75-5	2-Nitrophenol	710.	U
105-67-9	2,4-Dimethylphenol	710.	U
111-91-1	bis(2-Chloroethoxy)methane	710.	U
120-83-2	2,4-Dichlorophenol	710.	U
120-82-1	1,2,4-Trichlorobenzene	710.	U
91-20-3	Naphthalene	71.	U
106-47-8	4-Chloroaniline	710.	U
87-68-3	Hexachlorobutadiene	710.	U
59-50-7	4-Chloro-3-methylphenol	710.	U
91-57-6	2-Methylnaphthalene	71.	U
77-47-4	Hexachlorocyclopentadiene	710.	U
88-06-2	2,4,6-Trichlorophenol	710.	U
95-95-4	2,4,5-Trichlorophenol	1700.	U
91-58-7	2-Chloronaphthalene	710.	U
88-74-4	2-Nitroaniline	710.	U
131-11-3	Dimethylphthalate	710.	U
208-96-8	Acenaphthylene	71.	U
606-20-2	2,6-Dinitrotoluene	710.	U
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	34.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	710.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-5701-01
ORIGINAL ID ----->	041M570101
LAB SAMPLE ID --->	950991-11
ID FROM REPORT -->	041M570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/09/95
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	Z30301	VAL
121-14-2	2,4-Dinitrotoluene	710.	U
84-66-2	Diethylphthalate	710.	U
7005-72-3	4-Chlorophenylphenyl ether	710.	U
86-73-7	Fluorene	34.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	710.	U
101-55-3	4-Bromophenyl-phenylether	710.	U
118-74-1	Hexachlorobenzene	710.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	71.	U
120-12-7	Anthracene	71.	U
86-74-8	Carbazole	710.	U
84-74-2	Di-n-butylphthalate	710.	U
206-44-0	Fluoranthene	68.	J
129-00-0	Pyrene	72.	
85-68-7	Butylbenzylphthalate	710.	U
91-94-1	3,3'-Dichlorobenzidine	710.	U
56-55-3	Benzo(a)anthracene	71.	U
218-01-9	Chrysene	71.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	710.	U
117-84-0	Di-n-octylphthalate	710.	U
205-99-2	Benzo(b)fluoranthene	41.	J
207-08-9	Benzo(k)fluoranthene	71.	U
50-32-8	Benzo(a)pyrene	71.	U
193-39-5	Indeno(1,2,3-cd)pyrene	71.	U
53-70-3	Dibenz(a,h)anthracene	71.	U
191-24-2	Benzo(g,h,i)perylene	71.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-5701-01					
	ORIGINAL ID ----->	041M570101					
	LAB SAMPLE ID --->	950991-11					
	ID FROM REPORT -->	041M570101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	12/22/96					
	DATE ANALYZED --->	12/22/96					
	MATRIX ---------->	Sediment					
	UNITS ----------->	MG/KG					
CAS #	Parameter	Z30301 VAL					
9999900-01-4	Total Organic Carbon (TOC)	26000.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-5701-01
ORIGINAL ID ----->	041M570101
LAB SAMPLE ID --->	950991-11
ID FROM REPORT -->	041M570101
SAMPLE DATE ----->	11/29/95
DATE ANALYZED --->	12/02/95
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	Z30301	VAL
74-87-3	Chloromethane	21.	U
74-83-9	Bromomethane	21.	U
75-01-4	Vinyl chloride	6.	U
75-00-3	Chloroethane	21.	U
75-09-2	Methylene chloride	21.	U
67-64-1	Acetone	49.	
75-15-0	Carbon disulfide	21.	U
75-35-4	1,1-Dichloroethene	21.	U
75-34-3	1,1-Dichloroethane	21.	U
540-59-0	1,2-Dichloroethene (total)	21.	U
67-66-3	Chloroform	21.	U
107-06-2	1,2-Dichloroethane	21.	U
78-93-3	2-Butanone (MEK)	21.	U
71-55-6	1,1,1-Trichloroethane	21.	U
56-23-5	Carbon tetrachloride	21.	U
75-27-4	Bromodichloromethane	21.	U
78-87-5	1,2-Dichloropropane	21.	U
10061-01-5	cis-1,3-Dichloropropene	21.	U
79-01-6	Trichloroethene	21.	U
124-48-1	Dibromochloromethane	21.	U
79-00-5	1,1,2-Trichloroethane	21.	U
71-43-2	Benzene	21.	U
10061-02-6	trans-1,3-Dichloropropene	21.	U
75-25-2	Bromoform	21.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	21.	U
591-78-6	2-Hexanone	21.	U
127-18-4	Tetrachloroethene	21.	U
79-34-5	1,1,2,2-Tetrachloroethane	21.	U
108-88-3	Toluene	21.	U
108-90-7	Chlorobenzene	21.	U
100-41-4	Ethylbenzene	21.	U
100-42-5	Styrene	21.	U
1330-20-7	Xylene (Total)	21.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-5801-01					
	ORIGINAL ID ----->	041M580101					
	LAB SAMPLE ID --->	960055-10					
	ID FROM REPORT -->	041M580101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/09/96					
	DATE ANALYZED --->	02/14/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	%					
CAS #	Parameter	M52A10	VAL				
9999000-58-8	Percent Solids	68.9					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

GRAIN SIZE			
	SAMPLE ID ------->	041-M-5801-01	
	ORIGINAL ID ----->	041M580101	
	LAB SAMPLE ID --->	GTX-969-06	
	ID FROM REPORT -->	041M580101	
	SAMPLE DATE ----->		
	DATE ANALYZED --->	02/01/96	
	MATRIX ---------->	Sediment	
	UNITS ---------->	%	
CAS #	Parameter	M52A10	VAL
9999900-32-7	Seive Size #10	100.	SP
9999900-32-8	Seive Size #20	99.	SP
9999900-32-9	Seive Size #40	63.	SP
9999900-33-1	Seive Size #100	2.	SP
9999900-33-0	Seive Size #60	5.	SP
9999900-33-2	Seive Size #200	2.	SP
9999900-33-3	Seive Size Pan	0.	SP
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	100.	SP
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

METAL		
	SAMPLE ID ------->	041-M-5801-01
	ORIGINAL ID ----->	041M580101
	LAB SAMPLE ID --->	960055-10
	ID FROM REPORT -->	041M580101
	SAMPLE DATE ----->	01/24/96
	DATE EXTRACTED -->	02/03/96
	DATE ANALYZED --->	02/05/96
	MATRIX ---------->	Sediment
	UNITS ----------->	MG/KG

CAS #	Parameter	M52A10	VAL
7429-90-5	Aluminum	1360.	
7440-36-0	Antimony	0.15	UJ
7440-38-2	Arsenic	0.27	J
7440-39-3	Barium	1.2	J
7440-41-7	Beryllium	0.07	U
7440-43-9	Cadmium	0.15	U
7440-70-2	Calcium	230.	J
7440-47-3	Chromium	1.2	
7440-48-4	Cobalt	0.15	U
7440-50-8	Copper	1.8	
7439-89-6	Iron	548.	
7439-92-1	Lead	7.8	
7439-95-4	Magnesium	70.	J
7439-96-5	Manganese	1.2	
7439-97-6	Mercury	0.06	U
7440-02-0	Nickel	1.2	J
7440-09-7	Potassium	41.2	J
7782-49-2	Selenium	0.41	J
7440-22-4	Silver	0.36	U
7440-23-5	Sodium	22.7	U
7440-28-0	Thallium	0.29	U
7440-62-2	Vanadium	2.5	J
7440-66-6	Zinc	2.3	
57-12-5	Cyanide (CN)	0.71	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

PEST

SAMPLE ID ------->	041-M-5801-01
ORIGINAL ID ----->	041M580101
LAB SAMPLE ID --->	960055-10
ID FROM REPORT -->	041M580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/14/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M52A10	VAL
319-84-6	alpha-BHC	0.12	U
319-85-7	beta-BHC	0.12	U
319-86-8	delta-BHC	0.12	U
58-89-9	gamma-BHC (Lindane)	0.12	U
76-44-8	Heptachlor	0.12	U
309-00-2	Aldrin	0.12	U
1024-57-3	Heptachlor epoxide	0.12	U
959-98-8	Endosulfan I	0.12	U
60-57-1	Dieldrin	0.23	U
72-55-9	4,4'-DDE	0.23	U
72-20-8	Endrin	0.23	U
33213-65-9	Endosulfan II	0.23	U
72-54-8	4,4'-DDD	0.23	U
1031-07-8	Endosulfan sulfate	0.23	U
50-29-3	4,4'-DDT	0.23	U
72-43-5	Methoxychlor	1.2	U
53494-70-5	Endrin ketone	0.23	U
7421-93-4	Endrin aldehyde	0.23	U
5103-71-9	alpha-Chlordane	0.12	U
5103-74-2	gamma-Chlordane	0.12	U
8001-35-2	Toxaphene	24.	U
12674-11-2	Aroclor-1016	2.3	U
11104-28-2	Aroclor-1221	4.6	U
11141-16-5	Aroclor-1232	2.3	U
53469-21-9	Aroclor-1242	2.3	U
12672-29-6	Aroclor-1248	2.3	U
11097-69-1	Aroclor-1254	2.3	U
11096-82-5	Aroclor-1260	0.66	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-5801-01
ORIGINAL ID ----->	041M580101
LAB SAMPLE ID --->	960055-10
ID FROM REPORT -->	041M580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/10/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	M52A10	VAL
108-95-2	Phenol	460.	U
111-44-4	bis(2-Chloroethyl)ether	46.	U
95-57-8	2-Chlorophenol	460.	U
541-73-1	1,3-Dichlorobenzene	460.	U
106-46-7	1,4-Dichlorobenzene	460.	U
95-50-1	1,2-Dichlorobenzene	460.	U
95-48-7	2-Methylphenol (o-Cresol)	460.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	460.	U
106-44-5	4-Methylphenol (p-Cresol)	460.	U
621-64-7	N-Nitroso-di-n-propylamine	46.	U
67-72-1	Hexachloroethane	460.	U
98-95-3	Nitrobenzene	460.	U
78-59-1	Isophorone	460.	U
88-75-5	2-Nitrophenol	460.	U
105-67-9	2,4-Dimethylphenol	460.	U
111-91-1	bis(2-Chloroethoxy)methane	460.	U
120-83-2	2,4-Dichlorophenol	460.	U
120-82-1	1,2,4-Trichlorobenzene	460.	U
91-20-3	Naphthalene	220.	
106-47-8	4-Chloroaniline	460.	U
87-68-3	Hexachlorobutadiene	460.	U
59-50-7	4-Chloro-3-methylphenol	460.	U
91-57-6	2-Methylnaphthalene	110.	
77-47-4	Hexachlorocyclopentadiene	460.	U
88-06-2	2,4,6-Trichlorophenol	460.	U
95-95-4	2,4,5-Trichlorophenol	1100.	U
91-58-7	2-Chloronaphthalene	460.	U
88-74-4	2-Nitroaniline	460.	U
131-11-3	Dimethylphthalate	460.	U
208-96-8	Acenaphthylene	46.	U
606-20-2	2,6-Dinitrotoluene	460.	U
99-09-2	3-Nitroaniline	1100.	U
83-32-9	Acenaphthene	110.	
51-28-5	2,4-Dinitrophenol	1100.	U
100-02-7	4-Nitrophenol	1100.	U
132-64-9	Dibenzofuran	88.	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

SVOA

SAMPLE ID ------->	041-M-5801-01
ORIGINAL ID ----->	041M580101
LAB SAMPLE ID --->	960055-10
ID FROM REPORT -->	041M580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/10/96
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	M52A10	VAL
121-14-2	2,4-Dinitrotoluene	460.	U
84-66-2	Diethylphthalate	460.	U
7005-72-3	4-Chlorophenylphenyl ether	460.	U
86-73-7	Fluorene	120.	
100-01-6	4-Nitroaniline	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U
86-30-6	N-Nitrosodiphenylamine	460.	U
101-55-3	4-Bromophenyl-phenylether	460.	U
118-74-1	Hexachlorobenzene	460.	U
87-86-5	Pentachlorophenol	1100.	U
85-01-8	Phenanthrene	250.	
120-12-7	Anthracene	84.	
86-74-8	Carbazole	40.	J
84-74-2	Di-n-butylphthalate	42.	J
206-44-0	Fluoranthene	110.	
129-00-0	Pyrene	70.	
85-68-7	Butylbenzylphthalate	25.	J
91-94-1	3,3'-Dichlorobenzidine	460.	U
56-55-3	Benzo(a)anthracene	46.	U
218-01-9	Chrysene	46.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	34.	J
117-84-0	Di-n-octylphthalate	460.	U
205-99-2	Benzo(b)fluoranthene	46.	U
207-08-9	Benzo(k)fluoranthene	46.	U
50-32-8	Benzo(a)pyrene	46.	U
193-39-5	Indeno(1,2,3-cd)pyrene	46.	U
53-70-3	Dibenz(a,h)anthracene	46.	U
191-24-2	Benzo(g,h,i)perylene	46.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-5801-01					
	ORIGINAL ID ----->	041M580101					
	LAB SAMPLE ID --->	960055-10					
	ID FROM REPORT -->	041M580101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/16/96					
	DATE ANALYZED --->	02/16/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	M52A10 VAL					
9999900-01-4	Total Organic Carbon (TOC)	4910.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Sediment Samples

VOA

SAMPLE ID ------->	041-M-5801-01
ORIGINAL ID ----->	041M580101
LAB SAMPLE ID --->	960055-10
ID FROM REPORT -->	041M580101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/26/96
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	M52A10	VAL
74-87-3	Chloromethane	56.	U
74-83-9	Bromomethane	56.	U
75-01-4	Vinyl chloride	17.	U
75-00-3	Chloroethane	56.	U
75-09-2	Methylene chloride	56.	U
67-64-1	Acetone	520.	
75-15-0	Carbon disulfide	56.	U
75-35-4	1,1-Dichloroethene	56.	U
75-34-3	1,1-Dichloroethane	56.	U
540-59-0	1,2-Dichloroethene (total)	56.	U
67-66-3	Chloroform	56.	U
107-06-2	1,2-Dichloroethane	56.	U
78-93-3	2-Butanone (MEK)	56.	U
71-55-6	1,1,1-Trichloroethane	56.	U
56-23-5	Carbon tetrachloride	56.	U
75-27-4	Bromodichloromethane	56.	U
78-87-5	1,2-Dichloropropane	56.	U
10061-01-5	cis-1,3-Dichloropropene	56.	U
79-01-6	Trichloroethene	56.	U
124-48-1	Dibromochloromethane	56.	U
79-00-5	1,1,2-Trichloroethane	56.	U
71-43-2	Benzene	56.	U
10061-02-6	trans-1,3-Dichloropropene	56.	U
75-25-2	Bromoform	56.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	56.	U
591-78-6	2-Hexanone	56.	U
127-18-4	Tetrachloroethene	56.	U
79-34-5	1,1,2,2-Tetrachloroethane	56.	U
108-88-3	Toluene	56.	U
108-90-7	Chlorobenzene	56.	U
100-41-4	Ethylbenzene	56.	U
100-42-5	Styrene	56.	U
1330-20-7	Xylene (Total)	56.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-63A1-01	041-M-63A2-01	041-M-63A3-01	041-M-63A3-01	041-M-63A4-01	041-M-63A5-01
	ORIGINAL ID ----->	041M63A101	041M63A201	041M63A301	041M63A301	041M63A401	041M63A501
	LAB SAMPLE ID --->	960025-18	960025-19	960025-20	960182-04	960039-01	960039-02
	ID FROM REPORT -->	041M63A101	041M63A201	041M63A301	041M63A301	041M63A401	041M63A501
	SAMPLE DATE ----->	01/18/96	01/18/96	01/18/96	01/18/96	01/18/96	01/18/96
	DATE EXTRACTED -->	02/03/96	02/03/96	02/03/96	03/22/96	02/03/96	02/03/96
	DATE ANALYZED --->	02/05/96	02/05/96	02/05/96	04/11/96	02/05/96	02/05/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	EM005 VAL	EM005 VAL	EM005 VAL	Z13601 VAL	63A401 VAL	63A401 VAL
9999000-58-8	Percent Solids	82.2	78.9	57.6	55.4	72.6	81.8

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	GTX-960-01		GTX-960-02		GTX-960-03		GTX-961-01		GTX-961-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->										
	DATE ANALYZED --->	01/24/96		01/24/96		01/24/96		01/24/96		01/24/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
9999900-32-7	Seive Size #10	99.	SP	99.	SP	92.	SP	100.	NA	98.	SP
9999900-32-8	Seive Size #20	97.	SP	95.	SP	75.	SP	99.	NA	94.	SP
9999900-32-9	Seive Size #40	61.	SP	50.	SP	33.	SP	79.	NA	32.	SP
9999900-33-1	Seive Size #100	9.	SP	3.	SP	4.	SP	44.	NA	1.	SP
9999900-33-0	Seive Size #60	36.	SP	13.	SP	8.	SP	57.	NA	2.	SP
9999900-33-2	Seive Size #200	3.	SP	1.	SP	3.	SP	39.	NA	1.	SP
9999900-33-3	Seive Size Pan	0.	SP	0.	SP	0.	SP	0.	NA	0.	SP
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR		100.	SP
9999900-32-6	Seive Size #4	100.	SP	100.	SP	100.	SP	NR		99.	SP
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

HF METALS

SAMPLE ID ------->	041-M-63A3-01
ORIGINAL ID ----->	041M63A301
LAB SAMPLE ID --->	960182-04
ID FROM REPORT -->	041M63A301
SAMPLE DATE ----->	01/18/96
DATE EXTRACTED -->	03/22/96
DATE ANALYZED --->	04/11/96
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	Z13601	VAL
7429-90-5	Aluminum	6740.	
7440-36-0	Antimony	12.6	J
7440-38-2	Arsenic	0.93	J
7440-39-3	Barium	22.	J
7440-41-7	Beryllium	0.23	U
7440-43-9	Cadmium	6.4	
7440-70-2	Calcium	2380.	
7440-47-3	Chromium	63.	
7440-48-4	Cobalt	1.8	U
7440-50-8	Copper	14.6	J
7439-89-6	Iron	3970.	
7439-92-1	Lead	81.1	UJ
7439-95-4	Magnesium	351.	J
7439-96-5	Manganese	23.1	
7440-02-0	Nickel	7.3	J
7440-09-7	Potassium	335.	J
7782-49-2	Selenium	2.3	UJ
7440-22-4	Silver	1.2	UR
7440-23-5	Sodium	187.	U
7440-28-0	Thallium	0.93	UR
7440-62-2	Vanadium	13.2	
7440-66-6	Zinc	110.	
7439-97-6	Mercury	0.14	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96		01/21/96		01/30/96	
	DATE ANALYZED --->	01/22/96		01/22/96		01/22/96		01/22/96		01/22/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
7429-90-5	Aluminum	180.		238.		5500.		4390.	J	225.	J
7440-36-0	Antimony	0.13	UJ	0.65	UJ	0.17	UJ	0.29	J	0.13	UJ
7440-38-2	Arsenic	0.22	J	0.15	J	1.4		1.3		0.19	J
7440-39-3	Barium	0.39	J	0.47	J	16.3	J	7.8	J	0.44	J
7440-41-7	Beryllium	0.06	U	0.07	U	0.09	U	0.07	U	0.07	U
7440-43-9	Cadmium	0.17	U	0.37	U	7.7		0.7		0.15	J
7440-70-2	Calcium	1170.		1460.		2080.		4040.	J	2770.	J
7440-47-3	Chromium	0.51	J	2.2		92.5		6.2		2.	
7440-48-4	Cobalt	0.13	U	0.13	U	0.37	J	0.26	J	0.13	U
7440-50-8	Copper	0.38	J	1.2	J	15.1		4.		3.2	
7439-89-6	Iron	293.		403.		5000.		2940.		411.	
7439-92-1	Lead	0.93		3.1		106.		32.1		2.1	
7439-95-4	Magnesium	112.	J	159.	J	278.	J	213.	J	100.	J
7439-96-5	Manganese	1.9		2.1		17.6		44.5		1.7	
7439-97-6	Mercury	0.05	U	0.05	U	0.14	J	0.07	U	0.05	U
7440-02-0	Nickel	0.57	U	0.58	U	5.1		0.97	J	0.59	U
7440-09-7	Potassium	34.3	J	42.3	J	76.4	J	73.3	J	22.	J
7782-49-2	Selenium	0.25	UJ	0.26	UJ	0.35	UJ	0.28	U	0.26	U
7440-22-4	Silver	0.32	U	0.32	U	0.46	J	0.35	U	0.33	U
7440-23-5	Sodium	593.		884.		33.8	J	34.6	J	76.1	J
7440-28-0	Thallium	0.25	U	0.26	U	0.35	U	0.28	U	0.26	U
7440-62-2	Vanadium	0.59	J	0.6	J	14.4		7.7		0.55	J
7440-66-6	Zinc	1.5		4.9		88.9		25.4		9.5	
57-12-5	Cyanide (CN)	0.61	U	0.62	U	0.85	U	0.68	U	0.61	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96		01/22/96		01/22/96	
	DATE ANALYZED --->	02/06/96		02/06/96		02/06/96		02/09/96		02/08/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
319-84-6	alpha-BHC	0.098	UJ	0.11	UJ	0.19	UJ	0.13	UJ	0.1	U
319-85-7	beta-BHC	0.098	U	0.11	U	0.19	U	0.13	UJ	0.1	U
319-86-8	delta-BHC	0.098	U	0.24	J	0.19	U	0.13	UJ	0.1	U
58-89-9	gamma-BHC (Lindane)	0.098	U	0.21	J	0.19	U	0.13	UJ	0.1	U
76-44-8	Heptachlor	0.098	U	0.11	U	0.19	U	0.13	UJ	0.1	U
309-00-2	Aldrin	0.098	U	0.11	U	0.19	U	0.13	UJ	0.1	U
1024-57-3	Heptachlor epoxide	0.098	U	0.11	U	0.19	U	0.13	UJ	0.1	U
959-98-8	Endosulfan I	0.098	U	0.11	U	0.19	U	0.13	UJ	0.1	U
60-57-1	Dieldrin	0.2	U	0.22	U	4.1	J	0.26	UJ	0.21	U
72-55-9	4,4'-DDE	0.2	U	0.95		0.38	U	0.26	UJ	0.21	U
72-20-8	Endrin	0.2	U	0.22	U	2.7	J	0.26	UJ	0.21	U
33213-65-9	Endosulfan II	0.2	U	0.22	U	0.38	U	0.26	UJ	0.21	U
72-54-8	4,4'-DDD	0.2	U	1.3	J	5.6	DJ	0.32	J	0.21	U
1031-07-8	Endosulfan sulfate	0.2	U	0.22	U	1.4	J	1.4	J	0.21	U
50-29-3	4,4'-DDT	0.2	U	0.29	J	1.1	J	0.78	J	0.21	U
72-43-5	Methoxychlor	0.98	U	1.1	U	1.9	U	1.3	UJ	1.	U
53494-70-5	Endrin ketone	0.2	U	0.22	U	0.38	U	0.26	UJ	0.21	U
7421-93-4	Endrin aldehyde	0.2	U	0.22	U	0.38	U	0.26	UJ	0.21	U
5103-71-9	alpha-Chlordane	0.098	U	0.11	U	1.	J	0.13	UJ	0.1	U
5103-74-2	gamma-Chlordane	0.098	U	0.11	U	1.4		0.13	UJ	0.1	U
8001-35-2	Toxaphene	20.	U	22.	U	38.	U	27.	UJ	21.	U
12674-11-2	Aroclor-1016	2.	U	2.2	U	3.8	U	2.6	UJ	2.1	U
11104-28-2	Aroclor-1221	3.9	U	4.2	U	7.4	U	5.2	UJ	4.1	U
11141-16-5	Aroclor-1232	2.	U	2.2	U	3.8	U	2.6	UJ	2.1	U
53469-21-9	Aroclor-1242	2.	U	2.2	U	3.8	U	2.6	UJ	2.1	U
12672-29-6	Aroclor-1248	2.	U	2.2	U	3.8	U	2.6	UJ	2.1	U
11097-69-1	Aroclor-1254	2.	U	2.2	U	3.8	U	2.6	UJ	2.1	U
11096-82-5	Aroclor-1260	2.	U	14.		260.	DJ	1.1	J	3.8	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96		01/22/96		01/22/96	
	DATE ANALYZED --->	01/24/96		01/24/96		01/26/96		01/30/96		01/31/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
108-95-2	Phenol	390.	U	420.	U	15000.	U	510.	U	400.	U
111-44-4	bis(2-Chloroethyl)ether	39.	U	42.	U	1500.	U	51.	U	40.	U
95-57-8	2-Chlorophenol	390.	U	420.	U	15000.	U	510.	U	400.	U
541-73-1	1,3-Dichlorobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
106-46-7	1,4-Dichlorobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
95-50-1	1,2-Dichlorobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
95-48-7	2-Methylphenol (o-Cresol)	390.	U	420.	U	15000.	U	510.	U	400.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	390.	U	420.	U	15000.	U	510.	U	400.	U
106-44-5	4-Methylphenol (p-Cresol)	390.	U	420.	U	15000.	U	510.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	39.	U	42.	U	1500.	U	51.	U	40.	U
67-72-1	Hexachloroethane	390.	U	420.	U	15000.	U	510.	U	400.	U
98-95-3	Nitrobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
78-59-1	Isophorone	390.	U	420.	U	15000.	U	510.	U	400.	U
88-75-5	2-Nitrophenol	390.	U	420.	U	15000.	U	510.	U	400.	U
105-67-9	2,4-Dimethylphenol	390.	U	420.	U	15000.	U	510.	U	400.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U	420.	U	15000.	U	510.	U	400.	U
120-83-2	2,4-Dichlorophenol	390.	U	420.	U	15000.	U	510.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
91-20-3	Naphthalene	39.	U	42.	U	1500.	U	51.	U	40.	U
106-47-8	4-Chloroaniline	390.	U	420.	U	15000.	UJ	510.	U	400.	U
87-68-3	Hexachlorobutadiene	390.	U	420.	U	15000.	U	510.	U	400.	U
59-50-7	4-Chloro-3-methylphenol	390.	U	420.	U	15000.	U	510.	U	400.	U
91-57-6	2-Methylnaphthalene	39.	U	42.	U	1500.	U	51.	U	40.	U
77-47-4	Hexachlorocyclopentadiene	390.	U	420.	U	15000.	U	510.	U	400.	U
88-06-2	2,4,6-Trichlorophenol	390.	U	420.	U	15000.	U	510.	U	400.	U
95-95-4	2,4,5-Trichlorophenol	950.	U	1000.	U	36000.	U	1200.	U	980.	U
91-58-7	2-Chloronaphthalene	390.	U	420.	U	15000.	U	510.	U	400.	U
88-74-4	2-Nitroaniline	390.	U	420.	U	15000.	U	510.	U	400.	U
131-11-3	Dimethylphthalate	390.	U	420.	U	15000.	U	510.	U	400.	U
208-96-8	Acenaphthylene	39.	U	42.	U	1500.	U	51.	U	40.	U
606-20-2	2,6-Dinitrotoluene	390.	U	420.	U	15000.	U	510.	U	400.	U
99-09-2	3-Nitroaniline	950.	U	1000.	U	36000.	U	1200.	U	980.	U
83-32-9	Acenaphthene	19.	U	20.	U	720.	U	25.	U	20.	U
51-28-5	2,4-Dinitrophenol	950.	UJ	1000.	UJ	36000.	U	1200.	U	980.	U
100-02-7	4-Nitrophenol	950.	U	1000.	U	36000.	U	1200.	U	980.	U
132-64-9	Dibenzofuran	390.	U	420.	U	15000.	U	510.	U	400.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE EXTRACTED -->	01/20/96		01/20/96		01/20/96		01/22/96		01/22/96	
	DATE ANALYZED --->	01/24/96		01/24/96		01/26/96		01/30/96		01/31/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
121-14-2	2,4-Dinitrotoluene	390.	U	420.	U	15000.	U	510.	U	400.	U
84-66-2	Diethylphthalate	390.	U	420.	U	15000.	U	510.	U	400.	U
7005-72-3	4-Chlorophenylphenyl ether	390.	U	420.	U	15000.	U	510.	U	400.	U
86-73-7	Fluorene	19.	U	20.	U	720.	U	25.	U	20.	U
100-01-6	4-Nitroaniline	950.	U	1000.	U	36000.	U	1200.	U	980.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	950.	UJ	1000.	UJ	36000.	U	1200.	U	980.	U
86-30-6	N-Nitrosodiphenylamine	390.	U	420.	U	15000.	U	510.	U	400.	U
101-55-3	4-Bromophenyl-phenylether	390.	U	420.	U	15000.	U	510.	U	400.	U
118-74-1	Hexachlorobenzene	390.	U	420.	U	15000.	U	510.	U	400.	U
87-86-5	Pentachlorophenol	950.	U	1000.	U	36000.	U	1200.	U	980.	U
85-01-8	Phenanthrene	39.	U	42.	U	1500.	U	47.	J	40.	U
120-12-7	Anthracene	39.	U	42.	U	1500.	U	51.	U	40.	U
86-74-8	Carbazole	390.	U	420.	U	15000.	U	510.	U	400.	U
84-74-2	Di-n-butylphthalate	390.	U	420.	U	15000.	U	510.	U	400.	U
206-44-0	Fluoranthene	39.	U	42.	U	1500.	U	130.		40.	U
129-00-0	Pyrene	39.	U	24.	J	1500.	U	120.		40.	U
85-68-7	Butylbenzylphthalate	22.	J	420.	U	1400.	J	61.	J	400.	U
91-94-1	3,3'-Dichlorobenzidine	390.	U	420.	U	15000.	U	510.	U	400.	U
56-55-3	Benzo(a)anthracene	39.	U	42.	U	1500.	U	63.		40.	U
218-01-9	Chrysene	39.	U	42.	U	1500.	U	74.		40.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	380.	U	420.	U	15000.	U	130.	J	99.	J
117-84-0	Di-n-octylphthalate	390.	U	420.	U	15000.	U	510.	U	400.	U
205-99-2	Benzo(b)fluoranthene	39.	U	42.	U	1500.	U	120.		40.	U
207-08-9	Benzo(k)fluoranthene	39.	U	42.	U	1500.	U	37.	J	40.	U
50-32-8	Benzo(a)pyrene	39.	U	42.	U	1500.	U	72.		40.	U
193-39-5	Indeno(1,2,3-cd)pyrene	39.	U	42.	U	1500.	U	47.	J	40.	U
53-70-3	Dibenz(a,h)anthracene	39.	U	42.	U	1500.	U	51.	U	40.	U
191-24-2	Benzo(g,h,i)perylene	39.	U	42.	U	1500.	U	48.	J	40.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

TOC											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE EXTRACTED -->	01/24/96		01/24/96		01/24/96		02/12/96		02/13/96	
	DATE ANALYZED --->	01/24/96		01/24/96		01/24/96		02/12/96		02/13/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
9999900-01-4	Total Organic Carbon (TOC)	873.		1690.		42300.		9630.		1650.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Sediment Samples

VOA											
	SAMPLE ID ------->	041-M-63A1-01		041-M-63A2-01		041-M-63A3-01		041-M-63A4-01		041-M-63A5-01	
	ORIGINAL ID ----->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	LAB SAMPLE ID --->	960025-18		960025-19		960025-20		960039-01		960039-02	
	ID FROM REPORT -->	041M63A101		041M63A201		041M63A301		041M63A401		041M63A501	
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/18/96		01/18/96	
	DATE ANALYZED --->	01/20/96		01/23/96		01/21/96		01/20/96		01/20/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	EM005	VAL	EM005	VAL	EM005	VAL	63A401	VAL	63A401	VAL
74-87-3	Chloromethane	12.	U	12.	U	19.	U	18.	U	13.	U
74-83-9	Bromomethane	12.	U	12.	U	19.	U	18.	U	13.	U
75-01-4	Vinyl chloride	4.	U	4.	U	6.	U	5.	U	4.	U
75-00-3	Chloroethane	12.	U	12.	U	19.	U	18.	U	13.	U
75-09-2	Methylene chloride	12.	U	12.	U	19.	U	18.	U	13.	U
67-64-1	Acetone	12.	UJ	12.	U	19.	U	18.	UJ	13.	UJ
75-15-0	Carbon disulfide	12.	U	12.	U	19.	U	18.	U	13.	U
75-35-4	1,1-Dichloroethene	12.	U	12.	U	19.	U	18.	U	13.	U
75-34-3	1,1-Dichloroethane	12.	U	12.	U	19.	U	18.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	12.	U	12.	U	19.	U	18.	U	13.	U
67-66-3	Chloroform	12.	U	12.	U	19.	U	18.	U	13.	U
107-06-2	1,2-Dichloroethane	12.	U	12.	U	19.	U	18.	U	13.	U
78-93-3	2-Butanone (MEK)	12.	U	12.	U	19.	U	18.	U	13.	U
71-55-6	1,1,1-Trichloroethane	12.	U	12.	U	19.	U	18.	U	13.	U
56-23-5	Carbon tetrachloride	12.	U	12.	U	19.	U	18.	U	13.	U
75-27-4	Bromodichloromethane	12.	U	12.	U	19.	U	18.	U	13.	U
78-87-5	1,2-Dichloropropane	12.	U	12.	U	19.	U	18.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U	12.	U	19.	U	18.	U	13.	U
79-01-6	Trichloroethene	12.	U	12.	U	19.	U	18.	U	13.	U
124-48-1	Dibromochloromethane	12.	U	12.	U	19.	U	18.	U	13.	U
79-00-5	1,1,2-Trichloroethane	12.	U	12.	U	19.	U	18.	U	13.	U
71-43-2	Benzene	12.	U	12.	U	19.	U	18.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U	12.	U	19.	U	18.	U	13.	U
75-25-2	Bromoform	12.	U	12.	U	19.	U	18.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12.	U	12.	U	19.	U	18.	U	13.	U
591-78-6	2-Hexanone	12.	U	12.	U	19.	UJ	18.	U	13.	U
127-18-4	Tetrachloroethene	12.	U	12.	U	19.	UJ	18.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U	12.	U	19.	UJ	18.	U	13.	U
108-88-3	Toluene	12.	U	12.	U	19.	UJ	18.	U	13.	U
108-90-7	Chlorobenzene	12.	U	12.	U	19.	UJ	18.	U	13.	U
100-41-4	Ethylbenzene	12.	U	12.	U	19.	UJ	18.	U	13.	U
100-42-5	Styrene	12.	U	12.	U	19.	UJ	18.	U	13.	U
1330-20-7	Xylene (Total)	12.	U	12.	U	19.	UJ	18.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01			
	ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401			
	LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11			
	ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401			
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96			
	DATE EXTRACTED -->	02/03/96		02/03/96		02/03/96		02/09/96			
	DATE ANALYZED --->	02/05/96		02/05/96		02/05/96		02/14/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL		
9999000-58-8	Percent Solids	69.		69.7		76.4		75.7			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01			
	ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401			
	LAB SAMPLE ID --->	GTX-961-03		GTX-961-04		GTX-961-05		GTX-969-01			
	ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	01/24/96		01/24/96		01/24/96		02/01/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL		
9999900-32-7	Seive Size #10	100.	NA	99.	SP	98.	SP	100.	SP		
9999900-32-8	Seive Size #20	95.	NA	99.	SP	97.	SP	100.	SP		
9999900-32-9	Seive Size #40	58.	NA	93.	SP	53.	SP	72.	SP		
9999900-33-1	Seive Size #100	20.	NA	12.	SP	2.	SP	1.	SP		
9999900-33-0	Seive Size #60	28.	NA	63.	SP	11.	SP	20.	SP		
9999900-33-2	Seive Size #200	19.	NA	2.	SP	1.	SP	1.	SP		
9999900-33-3	Seive Size Pan	0.	NA	0.	SP	0.	SP	0.	SP		
9999900-32-5	Seive Size 0.375"	NR		NR		100.	SP	NR			
9999900-32-6	Seive Size #4	NR		100.	SP	99.	SP	NR			
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

METAL													
		SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01				
		ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401				
		LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11				
		ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401				
		SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96				
		DATE EXTRACTED -->	01/21/96		01/21/96		01/21/96		02/03/96				
		DATE ANALYZED --->	01/22/96		01/22/96		01/22/96		02/05/96				
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG				
CAS #	Parameter		63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL			
7429-90-5	Aluminum		1960.	J	374.	J	101.	J	165.				
7440-36-0	Antimony		0.77	UJ	0.25	J	0.13	UJ	0.13	UJ			
7440-38-2	Arsenic		0.43	J	0.24	J	0.13	U	0.13	U			
7440-39-3	Barium		4.	J	1.2	J	0.71	J	0.88	J			
7440-41-7	Beryllium		0.1	J	0.08	U	0.06	U	0.07	U			
7440-43-9	Cadmium		0.15	U	0.15	U	0.13	U	0.13	U			
7440-70-2	Calcium		3230.	J	1180.	J	661.	J	191.	J			
7440-47-3	Chromium		5.2		1.3		0.34	J	0.91				
7440-48-4	Cobalt		0.42	J	0.2	J	0.13	U	0.13	U			
7440-50-8	Copper		4.4		1.1	J	0.35	J	0.9	J			
7439-89-6	Iron		1290.		616.		112.		241.				
7439-92-1	Lead		13.		1.8		0.95		1.9				
7439-95-4	Magnesium		410.		124.	J	33.6	J	38.3	J			
7439-96-5	Manganese		7.1		3.9		1.1		0.88	J			
7439-97-6	Mercury		0.07	U	0.06	U	0.05	U	0.05	U			
7440-02-0	Nickel		0.88	J	0.68	U	0.57	U	0.59	U			
7440-09-7	Potassium		121.	J	38.8	J	10.3	J	19.5	J			
7782-49-2	Selenium		0.4		0.3	U	0.25	U	0.26	UJ			
7440-22-4	Silver		0.39	U	0.38	U	0.31	U	0.33	U			
7440-23-5	Sodium		129.	J	71.3	J	51.5	J	28.4	J			
7440-28-0	Thallium		0.31	U	0.3	U	0.25	U	0.26	U			
7440-62-2	Vanadium		3.9		1.2	J	0.35	J	0.53	J			
7440-66-6	Zinc		13.		2.6		0.79	J	1.6				
57-12-5	Cyanide (CN)		0.68	U	0.7	U	0.62	U	0.66	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01			
	ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401			
	LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11			
	ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401			
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96			
	DATE EXTRACTED -->	01/22/96		01/22/96		01/22/96		01/30/96			
	DATE ANALYZED --->	02/08/96		02/08/96		02/08/96		02/14/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL		
319-84-6	alpha-BHC	0.18	UR	0.12	U	0.11	U	0.11	U		
319-85-7	beta-BHC	0.18	UR	0.12	U	0.11	U	0.11	U		
319-86-8	delta-BHC	0.18	UR	0.12	U	0.11	U	0.11	U		
58-89-9	gamma-BHC (Lindane)	0.18	UR	0.12	U	0.11	U	0.11	U		
76-44-8	Heptachlor	0.18	UR	0.12	U	0.11	U	0.11	U		
309-00-2	Aldrin	0.18	UR	0.12	U	0.11	U	0.11	U		
1024-57-3	Heptachlor epoxide	0.18	UR	0.12	U	0.11	U	0.11	U		
959-98-8	Endosulfan I	0.18	UR	0.12	U	0.11	U	0.11	U		
60-57-1	Dieldrin	0.36	UR	0.23	U	0.21	U	0.22	U		
72-55-9	4,4'-DDE	0.36	J	0.27	J	0.21	U	0.37	J		
72-20-8	Endrin	0.36	UR	0.23	U	0.21	U	0.22	U		
33213-65-9	Endosulfan II	0.36	UR	0.23	U	0.21	U	0.22	U		
72-54-8	4,4'-DDD	0.36	UR	0.34	J	0.21	U	0.23	J		
1031-07-8	Endosulfan sulfate	0.36	UR	0.98	J	0.21	U	0.22	U		
50-29-3	4,4'-DDT	0.36	UR	0.23	U	0.21	U	0.22	U		
72-43-5	Methoxychlor	1.8	UR	1.2	U	1.1	U	1.1	U		
53494-70-5	Endrin ketone	0.36	UR	0.23	U	0.21	U	0.22	U		
7421-93-4	Endrin aldehyde	0.36	UR	0.23	U	0.21	U	0.22	U		
5103-71-9	alpha-Chlordane	0.18	UR	0.12	U	0.11	U	0.11	U		
5103-74-2	gamma-Chlordane	0.18	UR	0.12	U	0.11	U	0.11	U		
8001-35-2	Toxaphene	37.	UR	24.	U	21.	U	23.	U		
12674-11-2	Aroclor-1016	3.6	UR	2.3	U	2.1	U	2.2	U		
11104-28-2	Aroclor-1221	7.2	UR	4.7	U	4.2	U	4.4	U		
11141-16-5	Aroclor-1232	3.6	UR	2.3	U	2.1	U	2.2	U		
53469-21-9	Aroclor-1242	3.6	UR	2.3	U	2.1	U	2.2	U		
12672-29-6	Aroclor-1248	3.6	UR	2.3	U	2.1	U	2.2	U		
11097-69-1	Aroclor-1254	3.6	UR	2.3	U	2.1	U	2.2	U		
11096-82-5	Aroclor-1260	6.3	J	1.5	J	1.2	J	3.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

SVOA											
		SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01		
		ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401		
		LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11		
		ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401		
		SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96		
		DATE EXTRACTED -->	01/22/96		01/22/96		01/22/96		01/30/96		
		DATE ANALYZED --->	01/30/96		01/31/96		01/31/96		02/10/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL	
108-95-2	Phenol		710.	U	460.	U	420.	U	440.	U	
111-44-4	bis(2-Chloroethyl)ether		71.	U	46.	U	42.	U	44.	U	
95-57-8	2-Chlorophenol		710.	U	460.	U	420.	U	440.	U	
541-73-1	1,3-Dichlorobenzene		710.	U	460.	U	420.	U	440.	U	
106-46-7	1,4-Dichlorobenzene		710.	U	460.	U	420.	U	440.	U	
95-50-1	1,2-Dichlorobenzene		710.	U	460.	U	420.	U	440.	U	
95-48-7	2-Methylphenol (o-Cresol)		710.	U	460.	U	420.	U	440.	U	
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		710.	U	460.	U	420.	U	440.	U	
106-44-5	4-Methylphenol (p-Cresol)		710.	U	460.	U	420.	U	440.	U	
621-64-7	N-Nitroso-di-n-propylamine		71.	U	46.	U	42.	U	44.	U	
67-72-1	Hexachloroethane		710.	U	460.	U	420.	U	440.	U	
98-95-3	Nitrobenzene		710.	U	460.	U	420.	U	440.	U	
78-59-1	Isophorone		710.	U	460.	U	420.	U	440.	U	
88-75-5	2-Nitrophenol		710.	U	460.	U	420.	U	440.	U	
105-67-9	2,4-Dimethylphenol		710.	U	460.	U	420.	U	440.	U	
111-91-1	bis(2-Chloroethoxy)methane		710.	U	460.	U	420.	U	440.	U	
120-83-2	2,4-Dichlorophenol		710.	U	460.	U	420.	U	440.	U	
120-82-1	1,2,4-Trichlorobenzene		710.	U	460.	U	420.	U	440.	U	
91-20-3	Naphthalene		71.	U	46.	U	42.	U	23.	J	
106-47-8	4-Chloroaniline		710.	U	460.	U	420.	U	440.	U	
87-68-3	Hexachlorobutadiene		710.	U	460.	U	420.	U	440.	U	
59-50-7	4-Chloro-3-methylphenol		710.	U	460.	U	420.	U	440.	U	
91-57-6	2-Methylnaphthalene		71.	U	46.	U	42.	U	24.	J	
77-47-4	Hexachlorocyclopentadiene		710.	U	460.	U	420.	U	440.	U	
88-06-2	2,4,6-Trichlorophenol		710.	U	460.	U	420.	U	440.	U	
95-95-4	2,4,5-Trichlorophenol		1700.	U	1100.	U	1000.	U	1100.	U	
91-58-7	2-Chloronaphthalene		710.	U	460.	U	420.	U	440.	U	
88-74-4	2-Nitroaniline		710.	U	460.	U	420.	U	440.	U	
131-11-3	Dimethylphthalate		710.	U	460.	U	420.	U	440.	U	
208-96-8	Acenaphthylene		71.	U	46.	U	42.	U	44.	U	
606-20-2	2,6-Dinitrotoluene		710.	U	460.	U	420.	U	440.	U	
99-09-2	3-Nitroaniline		1700.	U	1100.	U	1000.	U	1100.	U	
83-32-9	Acenaphthene		34.	U	22.	U	21.	U	39.		
51-28-5	2,4-Dinitrophenol		1700.	U	1100.	U	1000.	U	1100.	U	
100-02-7	4-Nitrophenol		1700.	U	1100.	U	1000.	U	1100.	U	
132-64-9	Dibenzofuran		710.	U	460.	U	420.	U	34.	J	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01			
	ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401			
	LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11			
	ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401			
	SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96			
	DATE EXTRACTED -->	01/22/96		01/22/96		01/22/96		01/30/96			
	DATE ANALYZED --->	01/30/96		01/31/96		01/31/96		02/10/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG			
CAS #	Parameter	63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL		
121-14-2	2,4-Dinitrotoluene	710.	U	460.	U	420.	U	440.	U		
84-66-2	Diethylphthalate	710.	U	460.	U	420.	U	440.	U		
7005-72-3	4-Chlorophenylphenyl ether	710.	U	460.	U	420.	U	440.	U		
86-73-7	Fluorene	34.	U	22.	U	21.	U	47.			
100-01-6	4-Nitroaniline	1700.	U	1100.	U	1000.	U	1100.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U	1100.	U	1000.	U	1100.	U		
86-30-6	N-Nitrosodiphenylamine	710.	U	460.	U	420.	U	440.	U		
101-55-3	4-Bromophenyl-phenylether	710.	U	460.	U	420.	U	440.	U		
118-74-1	Hexachlorobenzene	710.	U	460.	U	420.	U	440.	U		
87-86-5	Pentachlorophenol	1700.	U	1100.	U	1000.	U	1100.	U		
85-01-8	Phenanthrene	71.	U	46.	U	42.	U	120.			
120-12-7	Anthracene	71.	U	46.	U	42.	U	44.			
86-74-8	Carbazole	710.	U	460.	U	420.	U	440.	U		
84-74-2	Di-n-butylphthalate	710.	U	460.	U	420.	U	27.	J		
206-44-0	Fluoranthene	41.	J	86.		42.	U	59.			
129-00-0	Pyrene	41.	J	65.		42.	U	41.	J		
85-68-7	Butylbenzylphthalate	710.	U	460.	U	420.	U	29.	J		
91-94-1	3,3'-Dichlorobenzidine	710.	U	460.	U	420.	U	440.	U		
56-55-3	Benzo(a)anthracene	71.	U	46.	U	42.	U	44.	U		
218-01-9	Chrysene	71.	U	46.	U	42.	U	44.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	97.	J	42.	J	420.	U	33.	J		
117-84-0	Di-n-octylphthalate	710.	U	460.	U	420.	U	440.	U		
205-99-2	Benzo(b)fluoranthene	56.	J	46.	U	42.	U	44.	U		
207-08-9	Benzo(k)fluoranthene	71.	U	46.	U	42.	U	44.	U		
50-32-8	Benzo(a)pyrene	39.	J	46.	U	42.	U	44.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	71.	U	46.	U	42.	U	44.	U		
53-70-3	Dibenz(a,h)anthracene	71.	U	46.	U	42.	U	44.	U		
191-24-2	Benzo(g,h,i)perylene	71.	U	46.	U	42.	U	44.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-63B1-01	041-M-63B2-01	041-M-63B3-01	041-M-63B4-01		
	ORIGINAL ID ----->	041M63B101	041M63B201	041M63B301	041M63B401		
	LAB SAMPLE ID --->	960039-03	960039-04	960039-05	960055-11		
	ID FROM REPORT -->	041M63B101	041M63B201	041M63B301	041M63B401		
	SAMPLE DATE ----->	01/18/96	01/18/96	01/18/96	01/24/96		
	DATE EXTRACTED -->	02/13/96	02/13/96	02/14/96	02/16/96		
	DATE ANALYZED --->	02/13/96	02/13/96	02/14/96	02/16/96		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG		
CAS #	Parameter	63A401 VAL	63A401 VAL	63A401 VAL	M52A10 VAL		
9999900-01-4	Total Organic Carbon (TOC)	25200.	2400.	1430.	2950.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-63B1-01		041-M-63B2-01		041-M-63B3-01		041-M-63B4-01		
		ORIGINAL ID ----->	041M63B101		041M63B201		041M63B301		041M63B401		
		LAB SAMPLE ID --->	960039-03		960039-04		960039-05		960055-11		
		ID FROM REPORT -->	041M63B101		041M63B201		041M63B301		041M63B401		
		SAMPLE DATE ----->	01/18/96		01/18/96		01/18/96		01/24/96		
		DATE ANALYZED --->	01/21/96		01/21/96		01/21/96		01/26/96		
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		
CAS #	Parameter		63A401	VAL	63A401	VAL	63A401	VAL	M52A10	VAL	
74-87-3	Chloromethane		24.	U	15.	U	13.	U	14.	U	
74-83-9	Bromomethane		24.	U	15.	U	13.	U	14.	U	
75-01-4	Vinyl chloride		7.	U	4.	U	4.	U	4.	U	
75-00-3	Chloroethane		24.	U	15.	U	13.	U	14.	U	
75-09-2	Methylene chloride		24.	U	15.	U	13.	U	14.	U	
67-64-1	Acetone		24.	U	59.	U	45.	U	14.	U	
75-15-0	Carbon disulfide		24.	U	15.	U	13.	U	14.	U	
75-35-4	1,1-Dichloroethene		24.	U	15.	U	13.	U	14.	U	
75-34-3	1,1-Dichloroethane		24.	U	15.	U	13.	U	14.	U	
540-59-0	1,2-Dichloroethene (total)		24.	U	15.	U	13.	U	14.	U	
67-66-3	Chloroform		24.	U	15.	U	13.	U	14.	U	
107-06-2	1,2-Dichloroethane		24.	U	15.	U	13.	U	14.	U	
78-93-3	2-Butanone (MEK)		24.	U	15.	U	13.	U	14.	U	
71-55-6	1,1,1-Trichloroethane		24.	U	15.	U	13.	U	14.	U	
56-23-5	Carbon tetrachloride		24.	U	15.	U	13.	U	14.	U	
75-27-4	Bromodichloromethane		24.	U	15.	U	13.	U	14.	U	
78-87-5	1,2-Dichloropropane		24.	U	15.	U	13.	U	14.	U	
10061-01-5	cis-1,3-Dichloropropene		24.	U	15.	U	13.	U	14.	U	
79-01-6	Trichloroethene		24.	U	15.	U	13.	U	14.	U	
124-48-1	Dibromochloromethane		24.	U	15.	U	13.	U	14.	U	
79-00-5	1,1,2-Trichloroethane		24.	U	15.	U	13.	U	14.	U	
71-43-2	Benzene		24.	U	15.	U	13.	U	14.	U	
10061-02-6	trans-1,3-Dichloropropene		24.	U	15.	U	13.	U	14.	U	
75-25-2	Bromoform		24.	U	15.	U	13.	U	14.	U	
108-10-1	4-Methyl-2-Pentanone (MIBK)		24.	U	15.	U	13.	U	14.	U	
591-78-6	2-Hexanone		24.	U	15.	U	13.	U	14.	U	
127-18-4	Tetrachloroethene		24.	U	15.	U	13.	U	14.	U	
79-34-5	1,1,2,2-Tetrachloroethane		24.	U	15.	U	13.	U	14.	U	
108-88-3	Toluene		24.	U	15.	U	13.	U	14.	U	
108-90-7	Chlorobenzene		24.	U	15.	U	13.	U	14.	U	
100-41-4	Ethylbenzene		24.	U	15.	U	13.	U	14.	U	
100-42-5	Styrene		24.	U	15.	U	13.	U	14.	U	
1330-20-7	Xylene (Total)		24.	U	15.	U	13.	U	14.	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01	
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
	DATE EXTRACTED -->	03/02/96		12/19/95		12/19/95		03/02/96		12/19/95		12/19/95	
	DATE ANALYZED --->	03/03/96		12/20/95		12/20/95		03/03/96		12/20/95		12/20/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
9999000-58-8	Percent Solids	71.8		60.7		12.8		11.6		19.		56.3	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-6407-01	041-M-6408-01	041-M-6409-01	041-M-6410-01	041-M-6411-01	041-M-6412-01
	ORIGINAL ID ----->	041M640701	041M640801	041M640901	041M641001	041M641101	041M641201
	LAB SAMPLE ID --->	950941-16	960087-01	950941-17	950950-11	950950-12	950941-18
	ID FROM REPORT -->	041M640701	041M640801	041M640901	041M641001	041M641101	041M641201
	SAMPLE DATE ----->	11/15/95	02/01/96	11/15/95	11/16/95	11/16/95	11/15/95
	DATE EXTRACTED -->	12/19/95	03/02/96	12/19/95	12/20/95	12/20/95	12/19/95
	DATE ANALYZED --->	12/20/95	03/03/96	12/20/95	12/27/95	12/27/95	12/20/95
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	M06010 VAL	640801 VAL	M06010 VAL	5A0101 VAL	5A0101 VAL	M06010 VAL
9999000-58-8	Percent Solids	76.	73.	79.9	16.4	25.4	80.1

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

% SOLID													
		SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6414-01		041-M-6415-01		041-M-6415-01		041-M-6416-01
		ORIGINAL ID ----->	041M641301		041M641401		041M641401		041M641501		041M641501		041M641601
		LAB SAMPLE ID --->	950950-13		950950-14		960183-06		950941-19		960183-07		950950-15
		ID FROM REPORT -->	041M641301		041M641401		041M641401		041M641501		041M641501		041M641601
		SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/15/95		11/15/95		11/16/95
		DATE EXTRACTED -->	12/20/95		12/20/95		03/27/96		12/19/95		03/27/96		12/20/95
		DATE ANALYZED --->	12/27/95		12/27/95		04/11/96		12/26/95		04/11/96		12/27/95
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment
		UNITS ---------->	%		%		%		%		%		%
CAS #	Parameter		5A0101	VAL	5A0101	VAL	Z30201	VAL	M06010	VAL	Z30201	VAL	5A0101	VAL
9999000-58-8	Percent Solids		16.3		15.6		29.5		75.4		79.4		17.9

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-6417-01		041-M-6418-01		041-M-6419-01		041-M-6420-01		041-M-6421-01		041-M-6422-01	
	ORIGINAL ID ----->	041M641701		041M641801		041M641901		041M642001		041M642101		041M642201	
	LAB SAMPLE ID --->	950950-16		960087-04		960087-02		950950-17		950950-18		950952-10	
	ID FROM REPORT -->	041M641701		041M641801		041M641901		041M642001		041M642101		041M642201	
	SAMPLE DATE ----->	11/16/95		02/06/96		02/01/96		11/16/95		11/16/95		11/17/95	
	DATE EXTRACTED -->	12/20/95		03/02/96		03/02/96		12/20/95		12/20/95		12/27/95	
	DATE ANALYZED --->	12/27/95		03/03/96		03/03/96		12/27/95		12/27/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	5A0101	VAL	640801	VAL	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL
9999000-58-8	Percent Solids	54.9		79.5		15.8		78.9		73.4		41.1	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-6423-01		041-M-6424-01					
	ORIGINAL ID ----->	041M642301		041M642401					
	LAB SAMPLE ID --->	950952-11		950952-12					
	ID FROM REPORT -->	041M642301		041M642401					
	SAMPLE DATE ----->	11/17/95		11/17/95					
	DATE EXTRACTED -->	12/27/95		12/27/95					
	DATE ANALYZED --->	12/27/95		12/27/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	%		%					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
9999000-58-8	Percent Solids	69.7		73.2					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

GRAIN SIZE													
	SAMPLE ID ------->	041-M-6402-01		041-M-6403-01		041-M-6405-01		041-M-6406-01		041-M-6407-01		041-M-6409-01	
	ORIGINAL ID ----->	041M640201		041M640301		041M640501		041M640601		041M640701		041M640901	
	LAB SAMPLE ID --->	GTX-921-12		GTX-921-13		GTX-921-14		GTX-921-15		GTX-921-16		GTX-921-17	
	ID FROM REPORT -->	041M640201		041M640301		041M640501		041M640601		041M640701		041M640901	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/22/95		11/22/95		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL	M06010	VAL
9999900-32-7	Seive Size #10	100.	NA	100.	NA	98.	NA	98.	NA	98.	SP	100.	SP
9999900-32-8	Seive Size #20	99.	NA	95.	NA	93.	NA	95.	NA	97.	SP	98.	SP
9999900-32-9	Seive Size #40	96.	NA	93.	NA	77.	NA	73.	NA	85.	SP	46.	SP
9999900-33-1	Seive Size #100	74.	NA	90.	NA	10.	NA	15.	NA	4.	SP	3.	SP
9999900-33-0	Seive Size #60	84.	NA	91.	NA	35.	NA	29.	NA	24.	SP	10.	SP
9999900-33-2	Seive Size #200	71.	NA	88.	NA	7.	NA	14.	NA	3.	SP	3.	SP
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	NA	0.	SP	0.	SP
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR		100.	SP	NR	
9999900-32-6	Seive Size #4	NR		NR		100.	NA	100.	NA	99.	SP	100.	SP
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

GRAIN SIZE													
	SAMPLE ID ------->	041-M-6410-01		041-M-6411-01		041-M-6412-01		041-M-6413-01		041-M-6414-01		041-M-6414-01	
	ORIGINAL ID ----->	041M641001		041M641101		041M641201		041M641301		041M641401		041M641401	
	LAB SAMPLE ID --->	GTX-922-06		GTX-922-07		GTX-921-18		GTX-922-08		GTX-922-09		GTX-1022-06	
	ID FROM REPORT -->	041M641001		041M641101		041M641201		041M641301		041M641401		041M641401	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	11/21/95		11/21/95		11/22/95		11/21/95		11/21/95		04/18/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	EA0101	VAL	EA0101	VAL	M06010	VAL	EA0101	VAL	EA0101	VAL	Z30201	VAL
9999900-32-7	Seive Size #10	NR		100.	NA	100.	SP	100.	NA	100.	NA	100.	NA
9999900-32-8	Seive Size #20	100.	NA	99.	NA	98.	SP	99.	NA	100.	NA	96.	NA
9999900-32-9	Seive Size #40	100.	NA	93.	NA	55.	SP	98.	NA	99.	NA	93.	NA
9999900-33-1	Seive Size #100	95.	NA	40.	NA	1.	SP	95.	NA	91.	NA	80.	NA
9999900-33-0	Seive Size #60	97.	NA	66.	NA	12.	SP	97.	NA	98.	NA	89.	NA
9999900-33-2	Seive Size #200	94.	NA	36.	NA	1.	SP	95.	NA	89.	NA	77.	NA
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	SP	0.	NA	0.	NA	0.	NA
9999900-32-5	Seive Size 0.375"	NR		NR		NR		NR		NR		NR	
9999900-32-6	Seive Size #4	NR		NR		100.	SP	NR		NR		NR	
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR		NR	
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR		NR	
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

GRAIN SIZE													
	SAMPLE ID ------->	041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6420-01		041-M-6421-01		041-M-6422-01	
	ORIGINAL ID ----->	041M641501		041M641601		041M641701		041M642001		041M642101		041M642201	
	LAB SAMPLE ID --->	GTX-1022-07		GTX-922-10		GTX-922-11		GTX-922-12		GTX-922-13		GTX-923-04	
	ID FROM REPORT -->	041M641501		041M641601		041M641701		041M642001		041M642101		041M642201	
	SAMPLE DATE ----->												
	DATE ANALYZED --->	04/18/96		11/21/95		11/21/95		11/21/95		11/21/95		11/28/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	Z30201	VAL	EA0101	VAL	EA0101	VAL	EA0101	VAL	EA0101	VAL	Z42101	VAL
9999900-32-7	Seive Size #10	99.	SP	100.	NA	89.	NA	100.	SP	100.	SP	60.	NA
9999900-32-8	Seive Size #20	99.	SP	99.	NA	86.	NA	99.	SP	100.	SP	57.	NA
9999900-32-9	Seive Size #40	88.	SP	99.	NA	70.	NA	83.	SP	80.	SP	47.	NA
9999900-33-1	Seive Size #100	1.	SP	91.	NA	9.	NA	5.	SP	3.	SP	8.	NA
9999900-33-0	Seive Size #60	22.	SP	96.	NA	33.	NA	27.	SP	17.	SP	25.	NA
9999900-33-2	Seive Size #200	1.	SP	89.	NA	6.	NA	5.	SP	2.	SP	6.	NA
9999900-33-3	Seive Size Pan	0.	SP	0.	NA	0.	NA	0.	SP	0.	SP	0.	NA
9999900-32-5	Seive Size 0.375"	100.	SP	NR		100.	NA	NR		NR		69.	NA
9999900-32-6	Seive Size #4	99.	SP	NR		90.	NA	NR		NR		64.	NA
9999900-33-4	Seive Size 1"	NR		NR		NR		NR		NR		100.	NA
9999900-33-5	Seive Size .75"	NR		NR		NR		NR		NR		85.	NA
9999900-33-6	Seive Size .5"	NR		NR		NR		NR		NR		71.	NA

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

GRAIN SIZE									
	SAMPLE ID ------->	041-M-6423-01		041-M-6424-01					
	ORIGINAL ID ----->	041M642301		041M642401					
	LAB SAMPLE ID --->	GTX-923-05		GTX-923-06					
	ID FROM REPORT -->	041M642301		041M642401					
	SAMPLE DATE ----->								
	DATE ANALYZED --->	11/28/95		11/28/95					
	MATRIX --------->	Sediment		Sediment					
	UNITS ---------->	%		%					
CAS #	Parameter	Z42101	VAL	Z42101	VAL				
9999900-32-7	Seive Size #10	100.	SP	100.	SP				
9999900-32-8	Seive Size #20	99.	SP	100.	SP				
9999900-32-9	Seive Size #40	87.	SP	85.	SP				
9999900-33-1	Seive Size #100	5.	SP	2.	SP				
9999900-33-0	Seive Size #60	43.	SP	24.	SP				
9999900-33-2	Seive Size #200	1.	SP	2.	SP				
9999900-33-3	Seive Size Pan	0.	SP	0.	SP				
9999900-32-5	Seive Size 0.375"	NR		NR					
9999900-32-6	Seive Size #4	100.	SP	NR					
9999900-33-4	Seive Size 1"	NR		NR					
9999900-33-5	Seive Size .75"	NR		NR					
9999900-33-6	Seive Size .5"	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

HF METALS									
	SAMPLE ID ------->	041-M-6414-01		041-M-6415-01					
	ORIGINAL ID ----->	041M641401		041M641501					
	LAB SAMPLE ID --->	960183-06		960183-07					
	ID FROM REPORT -->	041M641401		041M641501					
	SAMPLE DATE ----->	11/16/95		11/15/95					
	DATE EXTRACTED -->	03/27/96		03/27/96					
	DATE ANALYZED --->	04/11/96		04/11/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	Z30201	VAL	Z30201	VAL				
7429-90-5	Aluminum	29000.	J	837.	J				
7440-36-0	Antimony	35.7	U	8.	U				
7440-38-2	Arsenic	15.1	UJ	0.84	UJ				
7440-39-3	Barium	42.9	J	2.3	U				
7440-41-7	Beryllium	1.1	J	0.17	UJ				
7440-43-9	Cadmium	7.2	J	0.35	UJ				
7440-70-2	Calcium	761.	J	2450.					
7440-47-3	Chromium	577.		8.1	U				
7440-48-4	Cobalt	9.4	J	0.35	UJ				
7440-50-8	Copper	76.9		2.8	J				
7439-89-6	Iron	32400.	J	502.	J				
7439-92-1	Lead	179.	J	2.3	J				
7439-95-4	Magnesium	380.	J	150.	J				
7439-96-5	Manganese	127.	J	2.7	J				
7440-02-0	Nickel	12.7	J	1.6	UR				
7440-09-7	Potassium	4520.	J	114.	U				
7782-49-2	Selenium	6.4	UJ	4.3	UJ				
7440-22-4	Silver	2.2	UR	0.87	UR				
7440-23-5	Sodium	9650.	J	617.	J				
7440-28-0	Thallium	1.8	UR	0.7	UR				
7440-62-2	Vanadium	60.7		1.2	J				
7440-66-6	Zinc	175.	J	3.2	J				
7439-97-6	Mercury	0.36	J	0.04	UR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

METAL													
		SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01	
		ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
		LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
		ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
		SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
		DATE EXTRACTED -->	02/13/96		12/19/95		12/19/95		02/13/96		12/19/95		12/19/95	
		DATE ANALYZED --->	02/13/96		12/20/95		12/20/95		02/13/96		12/20/95		12/20/95	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter		640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
7429-90-5	Aluminum		2300.		3770.	J	11200.	J	5350.		3710.	J	2410.	J
7440-36-0	Antimony		0.14	UR	0.33	J	0.75	UR	10.8	J	2.5	UR	0.17	UR
7440-38-2	Arsenic		0.78	J	9.8		11.2		3.	J	6.1		1.6	
7440-39-3	Barium		4.4	J	7.2	J	1280.		7.7	J	15.5	J	4.3	J
7440-41-7	Beryllium		0.07	U	0.2	J	0.57	J	0.44	U	0.25	U	0.11	J
7440-43-9	Cadmium		1.6		18.9		38.6		2.8		18.5		8.8	
7440-70-2	Calcium		472.		850.	J	5900.	J	4600.		1780.	J	3430.	J
7440-47-3	Chromium		11.1		1600.		1800.		1610.		466.		324.	
7440-48-4	Cobalt		0.36	J	1.4	J	6.1	J	0.87	U	2.2	J	0.91	J
7440-50-8	Copper		4.3		39.8	J	255.	J	23.8		88.6	J	29.4	J
7439-89-6	Iron		1130.		7340.	J	25900.	J	2790.		10500.	J	3810.	J
7439-92-1	Lead		38.		346.	J	634.	J	146.		262.	J	156.	J
7439-95-4	Magnesium		134.	J	854.		5100.		3310.		2050.		919.	
7439-96-5	Manganese		7.5		24.5		125.		15.		43.6		15.2	
7439-97-6	Mercury		0.06	U	0.17		0.88		0.43	J	0.27	J	0.12	J
7440-02-0	Nickel		0.79	J	4.6		27.1		5.3	J	8.1	J	3.	J
7440-09-7	Potassium		37.8	J	250.	J	1220.	J	491.	J	501.	J	259.	J
7782-49-2	Selenium		0.29	U	0.67	J	3.1	J	1.7	U	0.88	J	0.34	J
7440-22-4	Silver		0.36	U	0.42	J	5.1	J	2.2	U	1.	UJ	0.37	J
7440-23-5	Sodium		43.8	J	421.	J	6410.	J	5460.		4980.	J	2820.	J
7440-28-0	Thallium		0.29	UJ	0.65	J	1.2	J	1.7	UJ	0.76	U	0.26	U
7440-62-2	Vanadium		3.4	J	6.2		28.9		20.9	J	9.8	J	4.3	
7440-66-6	Zinc		22.5		145.	J	481.	J	31.8		290.	J	105.	J
57-12-5	Cyanide (CN)		0.69	U	0.8	U	3.8	U	4.1	U	2.5	U	0.88	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01	
	ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18	
	ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95	
	DATE EXTRACTED -->	12/19/95		02/13/96		12/19/95		12/20/95		12/20/95		12/19/95	
	DATE ANALYZED --->	12/20/95		02/13/96		12/20/95		12/27/95		12/27/95		12/20/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL
7429-90-5	Aluminum	334.	J	846.		221.	J	25600.		17300.		216.	J
7440-36-0	Antimony	0.13	UR	0.14	UR	0.12	UR	0.61	UJ	0.4	UJ	0.12	UR
7440-38-2	Arsenic	0.26	J	0.59	J	0.12	U	16.2		10.8		0.12	U
7440-39-3	Barium	5.6	J	1.1	J	0.37	J	24.9	J	15.4	J	0.35	J
7440-41-7	Beryllium	0.07	U	0.07	U	0.06	U	1.1	J	0.77	J	0.06	U
7440-43-9	Cadmium	0.53		1.2		0.38		23.2		20.1		0.27	J
7440-70-2	Calcium	159.	J	400.		75.	J	4250.		2400.		87.9	J
7440-47-3	Chromium	19.		32.3		9.4		806.		659.		7.2	
7440-48-4	Cobalt	0.23	J	0.15	J	0.19	U	4.1	J	3.3	J	0.18	U
7440-50-8	Copper	17.6	J	6.9		1.8	J	140.		66.4		1.9	J
7439-89-6	Iron	967.	J	1190.		346.	J	34600.		24100.		341.	J
7439-92-1	Lead	12.2	J	17.6		6.1	J	324.		221.		3.6	J
7439-95-4	Magnesium	152.	J	413.		97.7	J	8310.		5550.		155.	J
7439-96-5	Manganese	3.2		9.4		1.3		171.		168.		1.2	
7439-97-6	Mercury	0.1	J	0.06	U	0.05	U	0.5	J	0.3	J	0.05	U
7440-02-0	Nickel	0.98	J	0.79	J	0.74	U	20.1		12.9		0.73	U
7440-09-7	Potassium	57.2	J	152.	J	38.	J	3040.		2040.		62.5	J
7782-49-2	Selenium	0.2	U	0.29	U	0.19	U	2.1		1.5		0.18	U
7440-22-4	Silver	0.26	UJ	0.36	U	0.25	UJ	1.2	U	0.8	U	0.24	UJ
7440-23-5	Sodium	396.	J	1780.		409.	J	23500.		16800.		863.	J
7440-28-0	Thallium	0.2	U	0.29	UJ	0.19	U	0.92	U	0.6	U	0.18	U
7440-62-2	Vanadium	0.83	J	1.7	J	0.44	J	40.2		28.2		0.46	J
7440-66-6	Zinc	14.7	J	21.1		4.2	J	377.		192.		4.2	J
57-12-5	Cyanide (CN)	0.63	U	0.66	U	0.59	U	3.	U	1.9	U	0.62	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

METAL																	
	SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
	ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	LAB SAMPLE ID --->	950950-13		950950-14		950941-19		950950-15		950950-16		960087-04	
	ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
	DATE EXTRACTED -->	12/20/95		12/20/95		12/19/95		12/20/95		12/20/95		02/13/96	
	DATE ANALYZED --->	12/27/95		12/27/95		12/26/95		12/27/95		12/27/95		02/13/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
7429-90-5	Aluminum	23600.		21200.		364.	J	26800.		4000.		225.	
7440-36-0	Antimony	0.86	J	3.2	UJ	0.13	UR	0.57	U	0.93	U	0.13	UR
7440-38-2	Arsenic	15.3		16.1		0.16	J	18.7		3.3		0.19	J
7440-39-3	Barium	20.5	J	18.6	J	0.63	J	23.6	J	4.	J	0.38	J
7440-41-7	Beryllium	1.1	J	1.1	J	0.07	U	1.3	J	0.18	J	0.06	U
7440-43-9	Cadmium	16.9		17.2		0.21	J	19.		2.4		0.19	J
7440-70-2	Calcium	3570.		3590.		179.	J	4040.		6630.		195.	J
7440-47-3	Chromium	699.		631.		9.4		756.		78.2		5.2	
7440-48-4	Cobalt	3.2	J	3.6	J	0.2	U	3.5	J	0.68	J	0.13	J
7440-50-8	Copper	102.		83.9		2.6	J	119.		16.3		1.5	U
7439-89-6	Iron	32900.		33100.		465.	J	38200.		5970.		339.	
7439-92-1	Lead	231.		205.		5.7	J	249.		31.9		2.6	
7439-95-4	Magnesium	8820.		8730.		165.	J	9390.		1680.		186.	J
7439-96-5	Manganese	183.		186.		1.6		203.		46.9		1.2	
7439-97-6	Mercury	0.46	J	0.41	J	0.06	U	0.49	J	0.08	U	0.06	U
7440-02-0	Nickel	13.4		15.1		0.79	U	18.6		2.2	J	0.57	U
7440-09-7	Potassium	3110.		3050.		71.1	J	3530.		529.		73.6	J
7782-49-2	Selenium	1.2	J	2.		0.2	U	2.4		0.35	J	0.26	U
7440-22-4	Silver	1.3	U	1.3	U	0.26	UJ	1.1	U	0.37	U	0.32	U
7440-23-5	Sodium	29800.		30200.		723.	J	28300.		4840.		1150.	
7440-28-0	Thallium	0.94	U	0.96	U	0.2	U	0.86	U	0.28	U	0.26	UJ
7440-62-2	Vanadium	36.7		38.		0.76	J	43.4		7.3		0.61	J
7440-66-6	Zinc	268.		260.		4.4	J	300.		52.4		2.6	
57-12-5	Cyanide (CN)	3.	U	3.2	U	0.66	U	2.8	U	0.86	U	0.61	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

METAL													
	SAMPLE ID ------->	041-M-6419-01		041-M-6420-01		041-M-6421-01		041-M-6422-01		041-M-6423-01		041-M-6424-01	
	ORIGINAL ID ----->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	LAB SAMPLE ID --->	960087-02		950950-17		950950-18		950952-10		950952-11		950952-12	
	ID FROM REPORT -->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	SAMPLE DATE ----->	02/01/96		11/16/95		11/16/95		11/17/95		11/17/95		11/17/95	
	DATE EXTRACTED -->	02/13/96		12/20/95		12/20/95		12/27/95		12/27/95		12/27/95	
	DATE ANALYZED --->	02/13/96		12/27/95		12/27/95		12/27/95		12/27/95		12/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL	Z42101	VAL	Z42101	VAL
7429-90-5	Aluminum	26100.		951.		75.5		793.		1020.		28.9	
7440-36-0	Antimony	0.67	UR	0.13	UJ	0.19	J	0.26	UR	0.14	UR	0.14	UR
7440-38-2	Arsenic	17.		0.8		0.14	U	0.26	UJ	0.88	J	0.14	UJ
7440-39-3	Barium	22.	J	1.	J	0.28	U	2.	J	1.2	J	0.16	U
7440-41-7	Beryllium	1.3	J	0.07	U	0.07	U	0.13	U	0.07	U	0.07	U
7440-43-9	Cadmium	14.8		0.56		0.21	U	1.6		0.44		0.2	U
7440-70-2	Calcium	3520.		329.		124.	J	185.	J	290.	J	64.4	J
7440-47-3	Chromium	638.		13.8		1.2		21.3		19.4		0.55	J
7440-48-4	Cobalt	4.7	J	0.2	UJ	0.21	UJ	0.38	U	0.21	U	0.2	U
7440-50-8	Copper	121.		4.3		0.74	J	7.2		4.4		0.57	U
7439-89-6	Iron	35000.		1370.		77.2		689.		1740.		26.	
7439-92-1	Lead	224.		7.5		0.65		36.3	J	8.8	J	0.29	UJ
7439-95-4	Magnesium	9200.		412.		195.	J	47.1	J	509.		137.	J
7439-96-5	Manganese	195.		11.1		0.61	J	3.2		16.1		0.12	J
7439-97-6	Mercury	0.66		0.05	U	0.06	U	0.15	J	0.07	U	0.3	
7440-02-0	Nickel	15.9		0.78	U	0.82	U	3.9	J	0.96	J	0.81	U
7440-09-7	Potassium	3560.		167.	J	65.1	J	19.9	J	184.	J	55.	J
7782-49-2	Selenium	1.7		0.2	U	0.21	U	0.38	U	0.21	U	0.2	U
7440-22-4	Silver	1.7	U	0.26	U	0.27	U	0.72	J	0.29	UJ	0.27	UJ
7440-23-5	Sodium	30200.		1560.		1420.		5.	U	1880.		1050.	
7440-28-0	Thallium	1.3	UJ	0.2	U	0.21	U	0.38	U	0.21	U	0.2	U
7440-62-2	Vanadium	41.3		2.1	J	0.42	J	1.5	U	2.4	J	0.21	U
7440-66-6	Zinc	308.		15.8		2.2		21.3		18.8		1.4	U
57-12-5	Cyanide (CN)	3.	U	0.63	U	0.65	U	1.2	U	0.71	U	0.67	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01	
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
	DATE EXTRACTED -->	02/12/96		11/18/95		11/18/95		02/12/96		11/18/95		11/18/95	
	DATE ANALYZED --->	03/05/96		12/17/95		12/17/95		03/05/96		12/17/95		12/17/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
319-84-6	alpha-BHC	0.12	J	1.6	U	3.4	U	0.92	U	0.59	J	0.69	U
319-85-7	beta-BHC	0.11	U	1.6	U	3.4	U	0.92	U	0.17	U	0.69	U
319-86-8	delta-BHC	0.11	U	1.6	U	3.4	U	0.92	U	0.17	U	0.69	U
58-89-9	gamma-BHC (Lindane)	0.13	J	1.6	U	3.4	U	1.6	J	0.17	U	0.69	U
76-44-8	Heptachlor	0.12	J	1.6	U	3.4	U	0.92	U	0.17	U	0.69	U
309-00-2	Aldrin	0.11	U	1.6	U	4.	J	0.92	U	2.6		1.7	
1024-57-3	Heptachlor epoxide	0.11	U	1.6	U	3.4	U	0.92	U	0.17	U	0.69	U
959-98-8	Endosulfan I	0.11	U	3.3	U	7.	U	0.92	U	0.35	U	1.4	U
60-57-1	Dieldrin	0.23	U	3.3	J	7.	U	1.9	U	0.79	J	1.4	U
72-55-9	4,4'-DDE	3.7	J	72.	DJ	78.		18.		27.	DJ	16.	J
72-20-8	Endrin	8.	DJ	3.8	J	7.	U	5.5	J	1.3	J	1.4	U
33213-65-9	Endosulfan II	0.23	UJ	3.3	U	7.	U	1.9	UJ	0.35	U	1.4	U
72-54-8	4,4'-DDD	12.	DJ	140.	D	44.	J	16.		29.	J	30.	
1031-07-8	Endosulfan sulfate	0.23	U	3.3	U	7.	U	1.9	U	0.35	U	1.4	U
50-29-3	4,4'-DDT	14.	DJ	3.3	U	14.	J	1.9	U	0.74	J	1.4	J
72-43-5	Methoxychlor	1.1	U	16.	U	34.	U	9.2	U	1.7	U	6.9	U
53494-70-5	Endrin ketone	0.23	U	3.3	U	7.	U	1.9	U	0.35	U	1.4	U
7421-93-4	Endrin aldehyde	0.23	U	3.3	U	7.	U	1.9	U	0.35	U	1.4	U
5103-71-9	alpha-Chlordane	0.11	U	7.1		10.	J	0.92	U	0.48	J	0.69	U
5103-74-2	gamma-Chlordane	0.11	U	3.7	J	8.5	J	0.92	U	1.1	J	0.81	J
8001-35-2	Toxaphene	23.	U	330.	U	700.	U	190.	U	35.	U	140.	U
12674-11-2	Aroclor-1016	2.3	U	65.	U	140.	U	19.	U	6.8	U	27.	U
11104-28-2	Aroclor-1221	4.5	U	130.	U	280.	U	36.	U	14.	U	55.	U
11141-16-5	Aroclor-1232	2.3	U	65.	U	140.	U	19.	U	6.8	U	27.	U
53469-21-9	Aroclor-1242	2.3	U	65.	U	140.	U	19.	U	6.8	U	27.	U
12672-29-6	Aroclor-1248	2.3	U	65.	U	140.	U	19.	U	6.8	U	27.	U
11097-69-1	Aroclor-1254	2.3	U	370.	J	150.		19.	U	58.		56.	
11096-82-5	Aroclor-1260	12.	J	65.	U	140.	U	23.	J	6.8	U	27.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01	
	ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18	
	ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95	
	DATE EXTRACTED -->	11/18/95		02/11/96		11/18/95		11/21/95		11/21/95		11/18/95	
	DATE ANALYZED --->	12/19/95		03/05/96		12/19/95		12/17/95		12/17/95		12/19/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL
319-84-6	alpha-BHC	0.22	J	0.13	U	0.37	J	0.49	U	0.45	U	0.19	J
319-85-7	beta-BHC	0.11	U	0.13	U	0.1	U	0.49	U	0.3	U	0.1	U
319-86-8	delta-BHC	0.11	U	0.13	U	0.1	U	0.49	U	0.3	U	0.1	U
58-89-9	gamma-BHC (Lindane)	0.11	U	0.13	U	0.28	J	0.49	U	0.3	U	0.28	
76-44-8	Heptachlor	0.11	U	0.13	U	0.1	U	0.49	U	0.3	U	0.1	U
309-00-2	Aldrin	0.24	J	0.17	J	0.1	U	0.49	U	0.3	U	0.1	U
1024-57-3	Heptachlor epoxide	0.11	U	0.13	U	0.1	U	0.49	U	0.3	U	0.1	U
959-98-8	Endosulfan I	0.23	U	0.13	U	0.21	U	0.49	U	0.3	U	0.21	U
60-57-1	Dieldrin	0.23	U	0.26	U	0.21	U	1.5	J	1.7	J	0.21	U
72-55-9	4,4'-DDE	0.61		2.4		0.35		2.5	J	2.	J	0.21	U
72-20-8	Endrin	0.23	U	0.46	J	0.21	U	0.97	U	0.59	U	0.21	U
33213-65-9	Endosulfan II	0.23	U	0.26	UJ	0.21	U	0.97	U	0.59	U	0.21	U
72-54-8	4,4'-DDD	12.	D	2.2		0.31	J	2.2	J	0.68	J	0.26	J
1031-07-8	Endosulfan sulfate	0.23	U	0.26	U	0.21	U	0.97	U	0.59	U	0.21	U
50-29-3	4,4'-DDT	0.23	U	0.66	J	0.21	U	0.97	U	0.59	U	0.21	U
72-43-5	Methoxychlor	1.1	U	1.3	U	1.	U	4.9	U	3.	U	1.	U
53494-70-5	Endrin ketone	0.23	U	0.26	U	0.21	U	0.97	U	0.59	U	0.21	U
7421-93-4	Endrin aldehyde	0.23	U	0.29	J	0.21	U	0.97	U	0.59	U	0.21	U
5103-71-9	alpha-Chlordane	0.11	U	0.28	J	0.1	U	0.49	U	0.3	U	0.1	U
5103-74-2	gamma-Chlordane	0.11	U	0.13	U	0.1	U	0.65	J	0.3	U	0.1	U
8001-35-2	Toxaphene	23.	U	26.	U	21.	U	99.	U	60.	U	21.	U
12674-11-2	Aroclor-1016	4.4	U	2.6	U	4.1	U	9.7	U	5.9	U	4.1	U
11104-28-2	Aroclor-1221	8.9	U	5.1	U	8.3	U	19.	U	12.	U	8.3	U
11141-16-5	Aroclor-1232	4.4	U	2.6	U	4.1	U	9.7	U	5.9	U	4.1	U
53469-21-9	Aroclor-1242	4.4	U	2.6	U	4.1	U	9.7	U	5.9	U	4.1	U
12672-29-6	Aroclor-1248	4.4	U	2.6	U	4.1	U	9.7	U	5.9	U	4.1	U
11097-69-1	Aroclor-1254	3.3	J	2.6	U	1.3	J	9.7	U	5.9	U	1.7	J
11096-82-5	Aroclor-1260	4.4	U	11.		4.1	U	24.	J	29.		4.1	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
	ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	LAB SAMPLE ID --->	950950-13		950950-14		950941-19		950950-15		950950-16		960087-04	
	ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
	DATE EXTRACTED -->	11/21/95		11/21/95		11/18/95		11/21/95		11/21/95		02/11/96	
	DATE ANALYZED --->	12/17/95		12/02/95		12/13/95		12/17/95		12/17/95		03/05/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
319-84-6	alpha-BHC	0.66	J	0.94	J	0.11	UJ	0.64	J	0.36	U	0.11	U
319-85-7	beta-BHC	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
319-86-8	delta-BHC	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
58-89-9	gamma-BHC (Lindane)	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.18	J
76-44-8	Heptachlor	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
309-00-2	Aldrin	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
1024-57-3	Heptachlor epoxide	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
959-98-8	Endosulfan I	0.46	UJ	0.76	J	0.22	UJ	0.54	U	0.2	U	0.11	U
60-57-1	Dieldrin	1.4	J	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	U
72-55-9	4,4'-DDE	1.4	J	1.	U	0.43	J	0.97	U	0.31	U	0.22	U
72-20-8	Endrin	0.92	UJ	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	U
33213-65-9	Endosulfan II	0.92	UJ	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	UJ
72-54-8	4,4'-DDD	0.92	UJ	1.	U	0.2	J	0.97	U	0.31	U	0.22	U
1031-07-8	Endosulfan sulfate	0.92	UJ	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	U
50-29-3	4,4'-DDT	0.92	UJ	1.	U	0.6	J	0.97	U	0.31	U	0.22	U
72-43-5	Methoxychlor	4.6	UJ	5.2	U	1.1	UJ	4.9	U	1.5	U	1.1	U
53494-70-5	Endrin ketone	0.92	UJ	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	U
7421-93-4	Endrin aldehyde	0.92	UJ	1.	U	0.22	UJ	0.97	U	0.31	U	0.22	U
5103-71-9	alpha-Chlordane	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
5103-74-2	gamma-Chlordane	0.46	UJ	0.52	U	0.11	UJ	0.49	U	0.15	U	0.11	U
8001-35-2	Toxaphene	94.	UJ	110.	U	22.	UJ	99.	U	32.	U	22.	U
12674-11-2	Aroclor-1016	9.2	UJ	10.	U	4.3	UJ	9.7	U	3.1	U	2.2	U
11104-28-2	Aroclor-1221	18.	UJ	21.	U	8.8	UJ	19.	U	6.2	U	4.3	U
11141-16-5	Aroclor-1232	9.2	UJ	10.	U	4.3	UJ	9.7	U	3.1	U	2.2	U
53469-21-9	Aroclor-1242	9.2	UJ	10.	U	4.3	UJ	9.7	U	3.1	U	2.2	U
12672-29-6	Aroclor-1248	9.2	UJ	10.	U	4.3	UJ	9.7	U	3.1	U	2.2	U
11097-69-1	Aroclor-1254	9.2	UJ	10.	U	3.3	J	9.7	U	3.1	U	2.2	U
11096-82-5	Aroclor-1260	27.	J	16.	J	4.3	UJ	16.	J	4.8	J	1.3	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

PEST													
	SAMPLE ID ------->	041-M-6419-01		041-M-6420-01		041-M-6421-01		041-M-6422-01		041-M-6423-01		041-M-6424-01	
	ORIGINAL ID ----->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	LAB SAMPLE ID --->	960087-02		950950-17		950950-18		950952-10		950952-11		950952-12	
	ID FROM REPORT -->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	SAMPLE DATE ----->	02/01/96		11/16/95		11/16/95		11/17/95		11/17/95		11/17/95	
	DATE EXTRACTED -->	02/11/96		11/21/95		11/21/95		11/21/95		11/21/95		11/21/95	
	DATE ANALYZED --->	03/05/96		12/17/95		12/17/95		12/18/95		12/18/95		12/18/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL	Z42101	VAL	Z42101	VAL
319-84-6	alpha-BHC	0.52	U	0.2	U	0.14	U	0.12	U	0.11	U	0.15	J
319-85-7	beta-BHC	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
319-86-8	delta-BHC	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
58-89-9	gamma-BHC (Lindane)	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
76-44-8	Heptachlor	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
309-00-2	Aldrin	0.8	J	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
1024-57-3	Heptachlor epoxide	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
959-98-8	Endosulfan I	0.52	U	0.19	U	0.2	U	0.24	U	0.22	U	0.23	UJ
60-57-1	Dieldrin	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
72-55-9	4,4'-DDE	1.3	J	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
72-20-8	Endrin	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
33213-65-9	Endosulfan II	1.7	J	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
72-54-8	4,4'-DDD	1.1	J	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
1031-07-8	Endosulfan sulfate	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
50-29-3	4,4'-DDT	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
72-43-5	Methoxychlor	5.2	U	1.1	U	1.	U	1.2	U	1.1	U	1.1	UJ
53494-70-5	Endrin ketone	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
7421-93-4	Endrin aldehyde	1.1	U	0.21	U	0.21	U	0.24	U	0.22	U	0.23	UJ
5103-71-9	alpha-Chlordane	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
5103-74-2	gamma-Chlordane	0.52	U	0.11	U	0.1	U	0.12	U	0.11	U	0.11	UJ
8001-35-2	Toxaphene	110.	U	22.	U	21.	U	24.	U	22.	U	23.	UJ
12674-11-2	Aroclor-1016	11.	U	2.1	U	2.1	U	4.6	U	4.2	U	4.4	UJ
11104-28-2	Aroclor-1221	21.	U	4.3	U	4.2	U	9.4	U	8.5	U	9.	UJ
11141-16-5	Aroclor-1232	11.	U	2.1	U	2.1	U	4.6	U	4.2	U	4.4	UJ
53469-21-9	Aroclor-1242	11.	U	2.1	U	2.1	U	4.6	U	4.2	U	4.4	UJ
12672-29-6	Aroclor-1248	11.	U	2.1	U	2.1	U	4.6	U	4.2	U	4.4	UJ
11097-69-1	Aroclor-1254	11.	U	2.1	U	2.1	U	4.6	U	4.2	U	4.4	UJ
11096-82-5	Aroclor-1260	50.	J	1.9	J	2.1	U	4.6	U	4.2	U	4.4	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01	
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
	DATE EXTRACTED -->	02/12/96		11/18/95		11/18/95		02/12/96		11/18/95		11/18/95	
	DATE ANALYZED --->	02/19/96		12/19/95		11/29/95		02/19/96		11/29/95		12/08/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
108-95-2	Phenol	450.	U	26000.	U	2700.	U	220.	J	1400.	U	27000.	U
111-44-4	bis(2-Chloroethyl)ether	45.	U	2600.	U	270.	U	370.	U	140.	U	2700.	U
95-57-8	2-Chlorophenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
541-73-1	1,3-Dichlorobenzene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
106-46-7	1,4-Dichlorobenzene	450.	U	26000.	U	2700.	U	260.	J	70.	J	27000.	U
95-50-1	1,2-Dichlorobenzene	450.	U	26000.	U	2700.	U	190.	J	1400.	U	27000.	U
95-48-7	2-Methylphenol (o-Cresol)	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	450.	UJ	26000.	U	2700.	U	3700.	UJ	1400.	U	27000.	UR
106-44-5	4-Methylphenol (p-Cresol)	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
621-64-7	N-Nitroso-di-n-propylamine	45.	U	2600.	U	270.	U	370.	U	140.	U	2700.	U
67-72-1	Hexachloroethane	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
98-95-3	Nitrobenzene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
78-59-1	Isophorone	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
88-75-5	2-Nitrophenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
105-67-9	2,4-Dimethylphenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
111-91-1	bis(2-Chloroethoxy)methane	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
120-83-2	2,4-Dichlorophenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
120-82-1	1,2,4-Trichlorobenzene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
91-20-3	Naphthalene	56.		2600.	U	270.	U	370.	U	71.	J	2700.	U
106-47-8	4-Chloroaniline	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
87-68-3	Hexachlorobutadiene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
59-50-7	4-Chloro-3-methylphenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
91-57-6	2-Methylnaphthalene	30.	J	2600.	U	270.	U	370.	U	140.	U	2700.	U
77-47-4	Hexachlorocyclopentadiene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	UJ
88-06-2	2,4,6-Trichlorophenol	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
95-95-4	2,4,5-Trichlorophenol	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	U
91-58-7	2-Chloronaphthalene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
88-74-4	2-Nitroaniline	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
131-11-3	Dimethylphthalate	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
208-96-8	Acenaphthylene	45.	U	2600.	U	270.	U	370.	U	90.	J	2700.	U
606-20-2	2,6-Dinitrotoluene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
99-09-2	3-Nitroaniline	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	UR
83-32-9	Acenaphthene	120.		1300.	U	130.	U	180.	U	230.		1300.	U
51-28-5	2,4-Dinitrophenol	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	UJ
100-02-7	4-Nitrophenol	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	U
132-64-9	Dibenzofuran	72.	J	26000.	U	2700.	U	3700.	U	85.	J	27000.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01	
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
	DATE EXTRACTED -->	02/12/96		11/18/95		11/18/95		02/12/96		11/18/95		11/18/95	
	DATE ANALYZED --->	02/19/96		12/19/95		11/29/95		02/19/96		11/29/95		12/08/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
121-14-2	2,4-Dinitrotoluene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
84-66-2	Diethylphthalate	2000.		26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
7005-72-3	4-Chlorophenylphenyl ether	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
86-73-7	Fluorene	160.		1300.	U	130.	U	180.	U	210.		1300.	U
100-01-6	4-Nitroaniline	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	U
86-30-6	N-Nitrosodiphenylamine	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
101-55-3	4-Bromophenyl-phenylether	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
118-74-1	Hexachlorobenzene	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
87-86-5	Pentachlorophenol	1100.	U	63000.	U	6600.	U	8900.	U	3300.	U	66000.	U
85-01-8	Phenanthrene	950.		2800.		230.	J	370.	U	1400.		2700.	U
120-12-7	Anthracene	230.		2600.	U	270.	U	370.	U	330.		2700.	U
86-74-8	Carbazole	230.	J	26000.	U	2700.	U	3700.	U	400.	J	27000.	U
84-74-2	Di-n-butylphthalate	450.	U	26000.	U	320.	J	3700.	U	120.	J	27000.	U
206-44-0	Fluoranthene	1200.		5700.		770.		230.	J	2300.		1700.	J
129-00-0	Pyrene	1100.	J	4600.		660.		200.	J	2100.		1500.	J
85-68-7	Butylbenzylphthalate	450.	U	26000.	U	280.	J	3700.	U	280.	J	27000.	U
91-94-1	3,3'-Dichlorobenzidine	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	UJ
56-55-3	Benzo(a)anthracene	590.		1400.	J	340.		370.	U	840.		2700.	U
218-01-9	Chrysene	580.		1500.	J	500.		370.	U	830.		2700.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	450.	U	26000.	U	2700.	U	3700.	U	2600.	U	27000.	U
117-84-0	Di-n-octylphthalate	450.	U	26000.	U	2700.	U	3700.	U	1400.	U	27000.	U
205-99-2	Benzo(b)fluoranthene	730.		2600.		1100.		370.	U	1900.		2700.	U
207-08-9	Benzo(k)fluoranthene	190.		2600.	U	250.	J	370.	U	210.		2700.	U
50-32-8	Benzo(a)pyrene	470.		2600.	U	580.		370.	U	910.		2700.	U
193-39-5	Indeno(1,2,3-cd)pyrene	260.		2600.	U	360.		370.	U	600.		2700.	U
53-70-3	Dibenz(a,h)anthracene	25.	J	2600.	U	270.	U	370.	U	140.	U	2700.	U
191-24-2	Benzo(g,h,i)perylene	270.		2600.	U	300.		370.	U	590.		2700.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA																	
		SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01				
		ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201				
		LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18				
		ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201				
		SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95				
		DATE EXTRACTED -->	11/18/95		02/11/96		11/18/95		11/21/95		11/21/95		11/18/95				
		DATE ANALYZED --->	11/29/95		02/15/96		11/27/95		12/02/95		12/02/95		11/27/95				
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG				
CAS #	Parameter		M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL			
108-95-2	Phenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
111-44-4	bis(2-Chloroethyl)ether		44.	U	51.	U	41.	U	190.	U	120.	U	41.	U			
95-57-8	2-Chlorophenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
541-73-1	1,3-Dichlorobenzene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
106-46-7	1,4-Dichlorobenzene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
95-50-1	1,2-Dichlorobenzene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
95-48-7	2-Methylphenol (o-Cresol)		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
106-44-5	4-Methylphenol (p-Cresol)		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
621-64-7	N-Nitroso-di-n-propylamine		44.	U	51.	U	41.	U	190.	U	120.	U	41.	U			
67-72-1	Hexachloroethane		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
98-95-3	Nitrobenzene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
78-59-1	Isophorone		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
88-75-5	2-Nitrophenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
105-67-9	2,4-Dimethylphenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
111-91-1	bis(2-Chloroethoxy)methane		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
120-83-2	2,4-Dichlorophenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
120-82-1	1,2,4-Trichlorobenzene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
91-20-3	Naphthalene		44.	U	51.	U	41.	U	190.	U	120.	U	41.	U			
106-47-8	4-Chloroaniline		440.	U	510.	U	410.	U	1900.	UJ	1200.	U	410.	U			
87-68-3	Hexachlorobutadiene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
59-50-7	4-Chloro-3-methylphenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
91-57-6	2-Methylnaphthalene		44.	U	51.	U	41.	U	190.	U	120.	U	41.	U			
77-47-4	Hexachlorocyclopentadiene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
88-06-2	2,4,6-Trichlorophenol		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
95-95-4	2,4,5-Trichlorophenol		1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U			
91-58-7	2-Chloronaphthalene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
88-74-4	2-Nitroaniline		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
131-11-3	Dimethylphthalate		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
208-96-8	Acenaphthylene		44.	U	51.	U	41.	U	190.	U	120.	U	41.	U			
606-20-2	2,6-Dinitrotoluene		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			
99-09-2	3-Nitroaniline		1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U			
83-32-9	Acenaphthene		21.	U	25.	U	20.	U	94.	U	57.	U	20.	U			
51-28-5	2,4-Dinitrophenol		1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U			
100-02-7	4-Nitrophenol		1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U			
132-64-9	Dibenzofuran		440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01	
	ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18	
	ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95	
	DATE EXTRACTED -->	11/18/95		02/11/96		11/18/95		11/21/95		11/21/95		11/18/95	
	DATE ANALYZED --->	11/29/95		02/15/96		11/27/95		12/02/95		12/02/95		11/27/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL
121-14-2	2,4-Dinitrotoluene	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
84-66-2	Diethylphthalate	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
7005-72-3	4-Chlorophenylphenyl ether	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
86-73-7	Fluorene	21.	U	25.	U	20.	U	94.	U	57.	U	20.	U
100-01-6	4-Nitroaniline	1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U
86-30-6	N-Nitrosodiphenylamine	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
101-55-3	4-Bromophenyl-phenylether	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
118-74-1	Hexachlorobenzene	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
87-86-5	Pentachlorophenol	1100.	U	1200.	U	990.	U	4700.	U	2800.	U	990.	U
85-01-8	Phenanthrene	42.	J	59.		41.	U	300.		100.	J	41.	U
120-12-7	Anthracene	44.	U	51.	U	41.	U	190.	U	120.	U	41.	U
86-74-8	Carbazole	440.	U	510.	U	410.	U	1900.	U	1200.	U	410.	U
84-74-2	Di-n-butylphthalate	42.	J	28.	J	410.	U	160.	J	1200.	U	410.	U
206-44-0	Fluoranthene	78.		120.		41.	U	720.		220.		41.	U
129-00-0	Pyrene	50.		120.	J	41.	U	590.		200.		41.	U
85-68-7	Butylbenzylphthalate	440.	U	28.	J	29.	J	120.	J	90.	J	410.	U
91-94-1	3,3'-Dichlorobenzidine	440.	U	510.	U	410.	UJ	1900.	U	1200.	U	410.	UJ
56-55-3	Benzo(a)anthracene	27.	J	51.		41.	U	240.		130.		41.	U
218-01-9	Chrysene	23.	J	61.		41.	U	320.		96.	J	41.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	440.	U	220.	J	410.	U	3500.	U	2500.	U	410.	U
117-84-0	Di-n-octylphthalate	440.	U	510.	UJ	410.	UJ	1900.	U	1200.	U	410.	UJ
205-99-2	Benzo(b)fluoranthene	49.		72.		41.	U	480.		200.		41.	U
207-08-9	Benzo(k)fluoranthene	44.	U	35.	J	41.	U	190.	J	120.	U	41.	U
50-32-8	Benzo(a)pyrene	40.	J	51.		41.	U	290.		150.		41.	U
193-39-5	Indeno(1,2,3-cd)pyrene	44.	U	39.	J	41.	U	150.	J	80.	J	41.	U
53-70-3	Dibenz(a,h)anthracene	44.	U	51.	U	41.	U	190.	U	120.	U	41.	U
191-24-2	Benzo(g,h,i)perylene	29.	J	43.	J	41.	U	150.	J	94.	J	41.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA															
	SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
	ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	LAB SAMPLE ID --->	950950-13		950950-14		950941-19		95095015		950950-16		960087-04	
	ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
	DATE EXTRACTED -->	11/21/95		11/21/95		11/18/95		11/21/95		11/21/95		02/11/96	
	DATE ANALYZED --->	12/02/95		12/02/95		12/05/95		12/02/95		12/02/95		02/15/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
108-95-2	Phenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
111-44-4	bis(2-Chloroethyl)ether	180.	U	200.	U	43.	U	190.	U	61.	U	43.	U
95-57-8	2-Chlorophenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
541-73-1	1,3-Dichlorobenzene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
106-46-7	1,4-Dichlorobenzene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
95-50-1	1,2-Dichlorobenzene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
95-48-7	2-Methylphenol (o-Cresol)	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	1800.	U	2000.	U	430.	UR	1900.	U	610.	U	430.	U
106-44-5	4-Methylphenol (p-Cresol)	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
621-64-7	N-Nitroso-di-n-propylamine	180.	U	200.	U	43.	U	190.	U	61.	U	43.	U
67-72-1	Hexachloroethane	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
98-95-3	Nitrobenzene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
78-59-1	Isophorone	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
88-75-5	2-Nitrophenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
105-67-9	2,4-Dimethylphenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
111-91-1	bis(2-Chloroethoxy)methane	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
120-83-2	2,4-Dichlorophenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
120-82-1	1,2,4-Trichlorobenzene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
91-20-3	Naphthalene	180.	U	200.	U	43.	U	190.	U	61.	U	43.	U
106-47-8	4-Chloroaniline	1800.	U	2000.	UJ	430.	UJ	1900.	UJ	610.	U	430.	U
87-68-3	Hexachlorobutadiene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
59-50-7	4-Chloro-3-methylphenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
91-57-6	2-Methylnaphthalene	180.	U	200.	U	43.	U	190.	U	61.	U	43.	U
77-47-4	Hexachlorocyclopentadiene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
88-06-2	2,4,6-Trichlorophenol	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
95-95-4	2,4,5-Trichlorophenol	4400.	U	5000.	U	1000.	U	4700.	U	1500.	U	1100.	U
91-58-7	2-Chloronaphthalene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
88-74-4	2-Nitroaniline	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
131-11-3	Dimethylphthalate	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
208-96-8	Acenaphthylene	1800.	U	200.	U	43.	U	190.	U	61.	U	43.	U
606-20-2	2,6-Dinitrotoluene	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
99-09-2	3-Nitroaniline	4400.	U	5000.	U	1000.	UR	4700.	U	1500.	U	1100.	U
83-32-9	Acenaphthene	89.	U	99.	U	21.	U	94.	U	30.	U	21.	U
51-28-5	2,4-Dinitrophenol	4400.	U	5000.	U	1000.	U	4700.	U	1500.	U	1100.	U
100-02-7	4-Nitrophenol	4400.	U	5000.	U	1000.	U	4700.	U	1500.	U	1100.	U
132-64-9	Dibenzofuran	1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
		SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
		ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
		LAB SAMPLE ID --->	950950-13		950950-14		950941-19		95095015		950950-16		960087-04	
		ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
		SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
		DATE EXTRACTED -->	11/21/95		11/21/95		11/18/95		11/21/95		11/21/95		02/11/96	
		DATE ANALYZED --->	12/02/95		12/02/95		12/05/95		12/02/95		12/02/95		02/15/96	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
121-14-2	2,4-Dinitrotoluene		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
84-66-2	Diethylphthalate		1800.	U	2000.	U	430.	U	1900.	U	610.	U	80.	J
7005-72-3	4-Chlorophenylphenyl ether		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
86-73-7	Fluorene		89.	U	99.	U	21.	U	94.	U	30.	U	21.	U
100-01-6	4-Nitroaniline		4400.	U	5000.	U	1000.	UJ	4700.	U	1500.	U	1100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol		4400.	U	5000.	U	1000.	U	4700.	U	1500.	U	1100.	U
86-30-6	N-Nitrosodiphenylamine		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
101-55-3	4-Bromophenyl-phenylether		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
118-74-1	Hexachlorobenzene		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
87-86-5	Pentachlorophenol		4400.	U	5000.	U	1000.	U	4700.	U	1500.	U	1100.	U
85-01-8	Phenanthrene		190.		200.	U	43.	U	140.	J	610.	U	43.	U
120-12-7	Anthracene		180.	U	200.	U	43.	U	190.	U	610.	U	43.	U
86-74-8	Carbazole		1800.	U	2000.	U	430.	UJ	1900.	U	610.	U	430.	U
84-74-2	Di-n-butylphthalate		1800.	U	2000.	U	430.		130.	J	610.	U	430.	U
206-44-0	Fluoranthene		410.		250.		28.	J	330.		83.		43.	U
129-00-0	Pyrene		370.		190.	J	25.	J	250.		74.		43.	U
85-68-7	Butylbenzylphthalate		170.	J	2000.	U	430.	U	1900.	U	610.	U	430.	U
91-94-1	3,3'-Dichlorobenzidine		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
56-55-3	Benzo(a)anthracene		180.	J	200.	U	43.	U	120.	J	61.	U	43.	U
218-01-9	Chrysene		160.	J	130.	J	43.	U	160.	J	37.	U	43.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		1900.	U	2000.	U	430.	U	1900.	U	610.	U	33.	J
117-84-0	Di-n-octylphthalate		1800.	U	2000.	U	430.	U	1900.	U	610.	U	430.	U
205-99-2	Benzo(b)fluoranthene		270.		180.	J	22.	J	230.		68.		43.	U
207-08-9	Benzo(k)fluoranthene		120.	J	200.	U	43.	U	190.	U	61.	U	43.	U
50-32-8	Benzo(a)pyrene		190.		120.	J	43.	U	140.	J	45.	J	43.	U
193-39-5	Indeno(1,2,3-cd)pyrene		110.	J	200.	U	43.	U	190.	U	61.	U	43.	U
53-70-3	Dibenz(a,h)anthracene		180.	U	200.	U	43.	U	190.	U	61.	U	43.	U
191-24-2	Benzo(g,h,i)perylene		130.	J	200.	U	43.	U	190.	U	61.	U	43.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-6419-01		041-M-6420-01		041-M-6421-01		041-M-6422-01		041-M-6423-01		041-M-6424-01	
	ORIGINAL ID ----->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	LAB SAMPLE ID --->	960087-02		950950-17		950950-18		950952-10		950952-11		950952-12	
	ID FROM REPORT -->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	SAMPLE DATE ----->	02/01/96		11/16/95		11/16/95		11/17/95		11/17/95		11/17/95	
	DATE EXTRACTED -->	02/11/96		11/21/95		11/21/95		11/21/95		12/17/95		11/21/95	
	DATE ANALYZED --->	02/15/96		12/02/95		12/02/95		12/01/95		12/29/95		12/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL	Z42101	VAL	Z42101	VAL
108-95-2	Phenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
111-44-4	bis(2-Chloroethyl)ether	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
95-57-8	2-Chlorophenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
541-73-1	1,3-Dichlorobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
106-46-7	1,4-Dichlorobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
95-50-1	1,2-Dichlorobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
95-48-7	2-Methylphenol (o-Cresol)	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	UR
106-44-5	4-Methylphenol (p-Cresol)	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
621-64-7	N-Nitroso-di-n-propylamine	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
67-72-1	Hexachloroethane	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
98-95-3	Nitrobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
78-59-1	Isophorone	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
88-75-5	2-Nitrophenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
105-67-9	2,4-Dimethylphenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
111-91-1	bis(2-Chloroethoxy)methane	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
120-83-2	2,4-Dichlorophenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
120-82-1	1,2,4-Trichlorobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
91-20-3	Naphthalene	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
106-47-8	4-Chloroaniline	1900.	U	420.	U	410.	UJ	460.	U	420.	UJ	420.	U
87-68-3	Hexachlorobutadiene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
59-50-7	4-Chloro-3-methylphenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
91-57-6	2-Methylnaphthalene	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
77-47-4	Hexachlorocyclopentadiene	1900.	U	420.	U	410.	U	460.	UJ	420.	U	420.	UJ
88-06-2	2,4,6-Trichlorophenol	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
95-95-4	2,4,5-Trichlorophenol	4700.	U	1000.	U	1000.	U	1100.	U	1000.	U	1000.	U
91-58-7	2-Chloronaphthalene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
88-74-4	2-Nitroaniline	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
131-11-3	Dimethylphthalate	1900.	U	420.	U	410.	U	510.		420.	U	420.	U
208-96-8	Acenaphthylene	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
606-20-2	2,6-Dinitrotoluene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
99-09-2	3-Nitroaniline	4700.	U	1000.	U	1000.	U	1100.	UJ	1000.	UJ	1000.	UJ
83-32-9	Acenaphthene	94.	U	20.	U	20.	U	22.	U	20.	U	20.	U
51-28-5	2,4-Dinitrophenol	4700.	U	1000.	U	1000.	U	1100.	U	1000.	UJ	1000.	U
100-02-7	4-Nitrophenol	4700.	U	1000.	U	1000.	U	1100.	U	1000.	U	1000.	U
132-64-9	Dibenzofuran	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

SVOA													
	SAMPLE ID ------->	041-M-6419-01		041-M-6420-01		041-M-6421-01		041-M-6422-01		041-M-6423-01		041-M-6424-01	
	ORIGINAL ID ----->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	LAB SAMPLE ID --->	960087-02		950950-17		950950-18		950952-10		950952-11		950952-12	
	ID FROM REPORT -->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	SAMPLE DATE ----->	02/01/96		11/16/95		11/16/95		11/17/95		11/17/95		11/17/95	
	DATE EXTRACTED -->	02/11/96		11/21/95		11/21/95		11/21/95		12/17/95		11/21/95	
	DATE ANALYZED --->	02/15/96		12/02/95		12/02/95		12/01/95		12/29/95		12/01/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL	Z42101	VAL	Z42101	VAL
121-14-2	2,4-Dinitrotoluene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
84-66-2	Diethylphthalate	910.	J	420.	U	410.	U	460.	U	420.	U	420.	U
7005-72-3	4-Chlorophenylphenyl ether	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
86-73-7	Fluorene	94.	U	20.	U	20.	U	22.	U	20.	U	20.	U
100-01-6	4-Nitroaniline	4700.	U	1000.	U	1000.	U	1100.	U	1000.	UJ	1000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	4700.	U	1000.	U	1000.	U	1100.	U	1000.	U	1000.	U
86-30-6	N-Nitrosodiphenylamine	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
101-55-3	4-Bromophenyl-phenylether	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
118-74-1	Hexachlorobenzene	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
87-86-5	Pentachlorophenol	4700.	U	1000.	U	1000.	U	1100.	U	1000.	U	1000.	U
85-01-8	Phenanthrene	210.		42.	U	41.	U	57.		42.	U	42.	U
120-12-7	Anthracene	190.	U	42.	U	41.	U	460.	U	420.	U	420.	U
86-74-8	Carbazole	1900.	U	420.	U	410.	U	460.	UJ	420.	U	420.	UJ
84-74-2	Di-n-butylphthalate	130.	J	420.	U	410.	U	46.	J	420.	U	420.	U
206-44-0	Fluoranthene	580.		24.	J	41.	U	92.		26.	J	42.	U
129-00-0	Pyrene	550.		22.	J	41.	U	68.		22.	J	42.	U
85-68-7	Butylbenzylphthalate	140.	J	420.	U	410.	U	460.	U	420.	U	420.	U
91-94-1	3,3'-Dichlorobenzidine	1900.	U	420.	U	410.	U	460.	U	420.	U	420.	U
56-55-3	Benzo(a)anthracene	340.		42.	U	41.	U	38.	J	42.	U	42.	U
218-01-9	Chrysene	390.		42.	U	41.	U	35.	J	42.	U	42.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	530.	J	420.	U	410.	U	460.	U	420.	U	420.	U
117-84-0	Di-n-octylphthalate	1900.	U	420.	U	410.	U	460.	U	420.	UJ	420.	U
205-99-2	Benzo(b)fluoranthene	550.		42.	U	41.	U	39.	J	21.	J	42.	U
207-08-9	Benzo(k)fluoranthene	240.		42.	U	41.	U	46.	U	42.	U	42.	U
50-32-8	Benzo(a)pyrene	360.		42.	U	41.	U	25.	J	42.	U	42.	U
193-39-5	Indeno(1,2,3-cd)pyrene	260.		42.	U	41.	U	46.	U	42.	U	42.	U
53-70-3	Dibenz(a,h)anthracene	190.	U	42.	U	41.	U	46.	U	42.	U	42.	U
191-24-2	Benzo(g,h,i)perylene	260.		42.	U	41.	U	46.	U	42.	U	42.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

TOC												
	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01		041-M-6404-01		041-M-6405-01		041-M-6406-01
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95
	DATE EXTRACTED -->	02/28/96		11/29/95		11/29/95		02/28/96		11/29/95		11/29/95
	DATE ANALYZED --->	02/28/96		11/29/95		11/29/95		02/28/96		11/29/95		11/29/95
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
9999900-01-4	Total Organic Carbon (TOC)	7520.		44200.		194000.		187000.		83500.		28100.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

TOC													
	SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01	
	ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18	
	ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95	
	DATE EXTRACTED -->	11/29/95		02/28/96		11/29/95		11/30/95		11/30/95		11/29/95	
	DATE ANALYZED --->	11/29/95		02/28/96		11/29/95		11/30/95		11/30/95		11/29/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL
9999900-01-4	Total Organic Carbon (TOC)	4780.		8510.		1620.		89700.		40100.		1760.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

TOC													
	SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
	ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	LAB SAMPLE ID --->	950950-13		950950-14		950941-19		950950-15		950950-16		960087-04	
	ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
	DATE EXTRACTED -->	11/30/95		11/30/95		11/29/95		11/30/95		11/30/95		02/28/96	
	DATE ANALYZED --->	11/30/95		11/30/95		11/29/95		11/30/95		11/30/95		02/28/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
9999900-01-4	Total Organic Carbon (TOC)	76100.		68700.		1990.		67500.		14600.		3680.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-6419-01	041-M-6420-01	041-M-6421-01	041-M-6422-01	041-M-6423-01	041-M-6424-01
	ORIGINAL ID ----->	041M641901	041M642001	041M642101	041M642201	041M642301	041M642401
	LAB SAMPLE ID --->	960087-02	950950-17	950950-18	950952-10	950952-11	950952-12
	ID FROM REPORT -->	041M641901	041M642001	041M642101	041M642201	041M642301	041M642401
	SAMPLE DATE ----->	02/01/96	11/16/95	11/16/95	11/17/95	11/17/95	11/17/95
	DATE EXTRACTED -->	02/28/96	12/01/95	12/01/95	12/03/96	12/03/96	12/03/96
	DATE ANALYZED --->	02/28/96	12/01/95	12/01/95	12/03/96	12/03/96	12/03/96
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
	UNITS ---------->	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CAS #	Parameter	640801 VAL	5A0101 VAL	5A0101 VAL	Z42101 VAL	Z42101 VAL	Z42101 VAL
9999900-01-4	Total Organic Carbon (TOC)	64000.	4200.	1380.	9270.	4040.	739.

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	041-M-6401-01		041-M-6402-01		041-M-6403-01 RE		041-M-6404-01		041-M-6405-01		041-M-6406-01	
	ORIGINAL ID ----->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	LAB SAMPLE ID --->	960087-05		950941-12		950941-13		960087-06		950941-14		950941-15	
	ID FROM REPORT -->	041M640101		041M640201		041M640301		041M640401		041M640501		041M640601	
	SAMPLE DATE ----->	02/09/96		11/15/95		11/15/95		02/09/96		11/15/95		11/15/95	
	DATE ANALYZED --->	02/13/96		11/22/95		11/22/95		02/13/96		11/22/95		11/24/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	M06010	VAL	M06010	VAL	640801	VAL	M06010	VAL	M06010	VAL
74-87-3	Chloromethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
74-83-9	Bromomethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
75-01-4	Vinyl chloride	5.	U	12000.	U	43.	U	10.	U	8.	U	49.	U
75-00-3	Chloroethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
75-09-2	Methylene chloride	16.	U	14000.	U	140.	U	34.	U	26.	U	170.	U
67-64-1	Acetone	19.	U	12000.	U	390.	J	34.	U	26.	U	160.	U
75-15-0	Carbon disulfide	16.	U	6200.	U	140.	U	34.	U	26.	U	160.	U
75-35-4	1,1-Dichloroethene	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
75-34-3	1,1-Dichloroethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
540-59-0	1,2-Dichloroethene (total)	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
67-66-3	Chloroform	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
107-06-2	1,2-Dichloroethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
78-93-3	2-Butanone (MEK)	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
71-55-6	1,1,1-Trichloroethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
56-23-5	Carbon tetrachloride	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
75-27-4	Bromodichloromethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
78-87-5	1,2-Dichloropropane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
10061-01-5	cis-1,3-Dichloropropene	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
79-01-6	Trichloroethene	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
124-48-1	Dibromochloromethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
79-00-5	1,1,2-Trichloroethane	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
71-43-2	Benzene	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
10061-02-6	trans-1,3-Dichloropropene	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
75-25-2	Bromoform	16.	U	12000.	U	140.	U	34.	U	26.	U	160.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
591-78-6	2-Hexanone	16.	U	12000.	U	140.	UJ	34.	U	26.	UJ	160.	U
127-18-4	Tetrachloroethene	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
79-34-5	1,1,2,2-Tetrachloroethane	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
108-88-3	Toluene	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
108-90-7	Chlorobenzene	16.	U	12000.	U	140.	UJ	48.		26.	U	160.	U
100-41-4	Ethylbenzene	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
100-42-5	Styrene	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U
1330-20-7	Xylene (Total)	16.	U	12000.	U	140.	UJ	34.	U	26.	U	160.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

VOA													
	SAMPLE ID ------->	041-M-6407-01		041-M-6408-01		041-M-6409-01		041-M-6410-01		041-M-6411-01		041-M-6412-01	
	ORIGINAL ID ----->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	LAB SAMPLE ID --->	950941-16		960087-01		950941-17		950950-11		950950-12		950941-18	
	ID FROM REPORT -->	041M640701		041M640801		041M640901		041M641001		041M641101		041M641201	
	SAMPLE DATE ----->	11/15/95		02/01/96		11/15/95		11/16/95		11/16/95		11/15/95	
	DATE ANALYZED --->	11/22/95		02/04/96		11/22/95		11/22/95		11/22/95		11/22/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	M06010	VAL	640801	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	M06010	VAL
74-87-3	Chloromethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
74-83-9	Bromomethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-01-4	Vinyl chloride	4.	U	4.	U	4.	U	18.	U	13.	U	4.	U
75-00-3	Chloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-09-2	Methylene chloride	14.	U	13.	U	14.	U	59.	U	42.	U	16.	U
67-64-1	Acetone	25.	J	13.	U	24.	J	150.		42.	U	12.	U
75-15-0	Carbon disulfide	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-35-4	1,1-Dichloroethene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-34-3	1,1-Dichloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
540-59-0	1,2-Dichloroethene (total)	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
67-66-3	Chloroform	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
107-06-2	1,2-Dichloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
78-93-3	2-Butanone (MEK)	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
71-55-6	1,1,1-Trichloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
56-23-5	Carbon tetrachloride	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-27-4	Bromodichloromethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
78-87-5	1,2-Dichloropropane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
79-01-6	Trichloroethene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
124-48-1	Dibromochloromethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
79-00-5	1,1,2-Trichloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
71-43-2	Benzene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
75-25-2	Bromoform	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
591-78-6	2-Hexanone	14.	U	13.	U	13.	U	59.	U	42.	U	12.	UJ
127-18-4	Tetrachloroethene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
108-88-3	Toluene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
108-90-7	Chlorobenzene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
100-41-4	Ethylbenzene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
100-42-5	Styrene	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U
1330-20-7	Xylene (Total)	14.	U	13.	U	13.	U	59.	U	42.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

VOA																	
		SAMPLE ID ------->	041-M-6413-01		041-M-6414-01		041-M-6415-01		041-M-6416-01		041-M-6417-01		041-M-6418-01	
		ORIGINAL ID ----->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
		LAB SAMPLE ID --->	950950-13		950950-14		950941-19		950950-15		950950-16		960087-04	
		ID FROM REPORT -->	041M641301		041M641401		041M641501		041M641601		041M641701		041M641801	
		SAMPLE DATE ----->	11/16/95		11/16/95		11/15/95		11/16/95		11/16/95		02/06/96	
		DATE ANALYZED --->	11/25/95		11/24/95		11/22/95		11/24/95		11/24/95		02/07/96	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		5A0101	VAL	5A0101	VAL	M06010	VAL	5A0101	VAL	5A0101	VAL	640801	VAL
74-87-3	Chloromethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
74-83-9	Bromomethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
75-01-4	Vinyl chloride		21.	U	17.	U	4.	U	17.	U	6.	U	4.	U
75-00-3	Chloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
75-09-2	Methylene chloride		110.	U	400.	J	14.	U	270.	J	110.	J	12.	U
67-64-1	Acetone		91.		420.		14.	J	180.		20.	U	12.	U
75-15-0	Carbon disulfide		71.	U	56.	U	14.	U	11.	J	20.	U	12.	U
75-35-4	1,1-Dichloroethene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
75-34-3	1,1-Dichloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
540-59-0	1,2-Dichloroethene (total)		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
67-66-3	Chloroform		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
107-06-2	1,2-Dichloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
78-93-3	2-Butanone (MEK)		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
71-55-6	1,1,1-Trichloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
56-23-5	Carbon tetrachloride		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
75-27-4	Bromodichloromethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
78-87-5	1,2-Dichloropropane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
10061-01-5	cis-1,3-Dichloropropene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
79-01-6	Trichloroethene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
124-48-1	Dibromochloromethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
79-00-5	1,1,2-Trichloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
71-43-2	Benzene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
10061-02-6	trans-1,3-Dichloropropene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
75-25-2	Bromoform		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
591-78-6	2-Hexanone		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
127-18-4	Tetrachloroethene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
79-34-5	1,1,2,2-Tetrachloroethane		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
108-88-3	Toluene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
108-90-7	Chlorobenzene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
100-41-4	Ethylbenzene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
100-42-5	Styrene		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U
1330-20-7	Xylene (Total)		71.	U	56.	U	14.	U	56.	U	20.	U	12.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 64 Phase II Sediment Samples

VOA															
	SAMPLE ID ------->	041-M-6419-01 RE		041-M-6420-01		041-M-6421-01		041-M-6422-01		041-M-6423-01		041-M-6424-01	
	ORIGINAL ID ----->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	LAB SAMPLE ID --->	960087-02		950950-17		950950-18		950952-10		950952-11		950952-12	
	ID FROM REPORT -->	041M641901		041M642001		041M642101		041M642201		041M642301		041M642401	
	SAMPLE DATE ----->	02/01/96		11/16/95		11/16/95		11/17/95		11/17/95		11/17/95	
	DATE ANALYZED --->	02/06/96		11/24/95		11/25/95		11/26/95		11/26/95		11/26/95	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	640801	VAL	5A0101	VAL	5A0101	VAL	Z42101	VAL	Z42101	VAL	Z42101	VAL
74-87-3	Chloromethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
74-83-9	Bromomethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
75-01-4	Vinyl chloride	18.	U	4.	U	4.	U	4.	U	4.	U	4.	U
75-00-3	Chloroethane	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
75-09-2	Methylene chloride	72.		64.	J	14.	U	14.	U	16.	U	13.	U
67-64-1	Acetone	220.		13.	U	14.	U	9.	J	14.	U	13.	U
75-15-0	Carbon disulfide	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
75-35-4	1,1-Dichloroethene	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
75-34-3	1,1-Dichloroethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
540-59-0	1,2-Dichloroethene (total)	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
67-66-3	Chloroform	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
107-06-2	1,2-Dichloroethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
78-93-3	2-Butanone (MEK)	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
71-55-6	1,1,1-Trichloroethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
56-23-5	Carbon tetrachloride	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
75-27-4	Bromodichloromethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
78-87-5	1,2-Dichloropropane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
10061-01-5	cis-1,3-Dichloropropene	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
79-01-6	Trichloroethene	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
124-48-1	Dibromochloromethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
79-00-5	1,1,2-Trichloroethane	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
71-43-2	Benzene	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
10061-02-6	trans-1,3-Dichloropropene	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
75-25-2	Bromoform	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	59.	U	13.	U	14.	U	14.	U	14.	U	13.	U
591-78-6	2-Hexanone	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
127-18-4	Tetrachloroethene	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
108-88-3	Toluene	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
108-90-7	Chlorobenzene	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
100-41-4	Ethylbenzene	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
100-42-5	Styrene	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U
1330-20-7	Xylene (Total)	59.	UJ	13.	U	14.	U	14.	U	14.	U	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-7201-01	041-M-7202-01				
	ORIGINAL ID ----->	041M720101	041MZ20201				
	LAB SAMPLE ID --->	950991-12	950991-13				
	ID FROM REPORT -->	041M720101	041MZ20201				
	SAMPLE DATE ----->	11/29/95	11/29/95				
	DATE EXTRACTED -->	01/10/96	01/10/96				
	DATE ANALYZED --->	01/11/96	01/11/96				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	Z30301 VAL	Z30301 VAL				
9999000-58-8	Percent Solids	73.8	78.5				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

GRAIN SIZE												
	SAMPLE ID ------->	041-M-7201-01		041-M-7202-01		041-M-7202-01						
	ORIGINAL ID ----->	041M720101		041M720201		041M720201						
	LAB SAMPLE ID --->	GTX-929-03		GTX-921-09		GTX-929-04						
	ID FROM REPORT -->	041M720101		041M720201		041M720201						
	SAMPLE DATE ----->											
	DATE ANALYZED --->	12/04/95		11/22/95		12/04/95						
	MATRIX ---------->	Sediment		Sediment		Sediment						
	UNITS ---------->	%		%		%						
CAS #	Parameter	Z30301	VAL	M06010	VAL	Z30301	VAL					
9999900-32-7	Seive Size #10	99.	SP	96.	NA	100.	SP					
9999900-32-8	Seive Size #20	97.	SP	92.	NA	98.	SP					
9999900-32-9	Seive Size #40	76.	SP	66.	NA	66.	SP					
9999900-33-1	Seive Size #100	4.	SP	17.	NA	0.	SP					
9999900-33-0	Seive Size #60	18.	SP	24.	NA	6.	SP					
9999900-33-2	Seive Size #200	3.	SP	15.	NA	0.	SP					
9999900-33-3	Seive Size Pan	0.	SP	0.	NA	0.	SP					
9999900-32-5	Seive Size 0.375"	NR		100.	NA	NR						
9999900-32-6	Seive Size #4	100.	SP	98.	NA	100.	SP					
9999900-33-4	Seive Size 1"	NR		NR		NR						
9999900-33-5	Seive Size .75"	NR		NR		NR						
9999900-33-6	Seive Size .5"	NR		NR		NR						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

METAL									
	SAMPLE ID ------->	041-M-7201-01		041-M-7202-01					
	ORIGINAL ID ----->	041M720101		041MZ20201					
	LAB SAMPLE ID --->	950991-12		950991-13					
	ID FROM REPORT -->	041M720101		041MZ20201					
	SAMPLE DATE ----->	11/29/95		11/29/95					
	DATE EXTRACTED -->	01/10/96		01/10/96					
	DATE ANALYZED --->	01/11/96		01/11/96					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	Z30301	VAL	Z30301	VAL				
7429-90-5	Aluminum	2450.		736.					
7440-36-0	Antimony	0.13	UR	0.13	UR				
7440-38-2	Arsenic	0.86		0.28	J				
7440-39-3	Barium	2.3	J	1.3	J				
7440-41-7	Beryllium	0.07	U	0.06	U				
7440-43-9	Cadmium	0.27	J	0.19	U				
7440-70-2	Calcium	43.1	J	23.2	J				
7440-47-3	Chromium	3.2	J	0.85	J				
7440-48-4	Cobalt	0.2	U	0.19	U				
7440-50-8	Copper	38.9		1.2	J				
7439-89-6	Iron	1510.		397.					
7439-92-1	Lead	17.5		1.8					
7439-95-4	Magnesium	50.	J	20.3	J				
7439-96-5	Manganese	10.7		1.3					
7439-97-6	Mercury	0.06	U	0.05	U				
7440-02-0	Nickel	1.4	J	0.76	U				
7440-09-7	Potassium	29.7	J	8.4	J				
7782-49-2	Selenium	0.26	J	0.19	U				
7440-22-4	Silver	0.26	U	0.25	U				
7440-23-5	Sodium	8.7	J	3.	J				
7440-28-0	Thallium	0.2	UJ	0.19	UJ				
7440-62-2	Vanadium	3.8		1.2	J				
7440-66-6	Zinc	10.7		3.3					
57-12-5	Cyanide (CN)	0.64	U	0.62	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

PEST									
		SAMPLE ID ------->	041-M-7201-01		041-M-7202-01				
		ORIGINAL ID ----->	041M720101		041MZ20201				
		LAB SAMPLE ID --->	950991-12		950991-13				
		ID FROM REPORT -->	041M720101		041MZ20201				
		SAMPLE DATE ----->	11/29/95		11/29/95				
		DATE EXTRACTED -->	12/02/95		12/02/95				
		DATE ANALYZED --->	01/05/96		01/05/96				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		Z30301	VAL	Z30301	VAL			
319-84-6	alpha-BHC		0.11	U	0.1	U			
319-85-7	beta-BHC		0.11	U	0.1	U			
319-86-8	delta-BHC		0.11	U	0.1	U			
58-89-9	gamma-BHC (Lindane)		0.11	U	0.1	U			
76-44-8	Heptachlor		0.11	U	0.1	U			
309-00-2	Aldrin		0.11	U	0.1	U			
1024-57-3	Heptachlor epoxide		0.11	U	0.1	U			
959-98-8	Endosulfan I		0.23	U	0.21	U			
60-57-1	Dieldrin		0.23	U	0.21	U			
72-55-9	4,4'-DDE		0.24		0.21	U			
72-20-8	Endrin		0.23	U	0.21	U			
33213-65-9	Endosulfan II		0.23	U	0.21	U			
72-54-8	4,4'-DDD		0.23	U	0.2	J			
1031-07-8	Endosulfan sulfate		0.23	U	0.21	U			
50-29-3	4,4'-DDT		0.26	J	0.21	UJ			
72-43-5	Methoxychlor		1.1	UJ	1.	UJ			
53494-70-5	Endrin ketone		0.23	U	0.21	U			
7421-93-4	Endrin aldehyde		0.23	U	0.21	U			
5103-71-9	alpha-Chlordane		0.11	U	0.1	U			
5103-74-2	gamma-Chlordane		0.11	U	0.1	U			
8001-35-2	Toxaphene		11.	U	10.	U			
12674-11-2	Aroclor-1016		2.3	U	2.1	U			
11104-28-2	Aroclor-1221		4.5	U	4.1	U			
11141-16-5	Aroclor-1232		2.3	U	2.1	U			
53469-21-9	Aroclor-1242		2.3	U	2.1	U			
12672-29-6	Aroclor-1248		2.3	U	2.1	U			
11097-69-1	Aroclor-1254		2.3	U	2.1	U			
11096-82-5	Aroclor-1260		2.3	U	2.1	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-7201-01		041-M-7202-01				
		ORIGINAL ID ----->	041M720101		041MZ20201				
		LAB SAMPLE ID --->	950991-12		950991-13				
		ID FROM REPORT -->	041M720101		041MZ20201				
		SAMPLE DATE ----->	11/29/95		11/29/95				
		DATE EXTRACTED -->	12/02/95		12/02/95				
		DATE ANALYZED --->	12/09/95		12/08/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		Z30301	VAL	Z30301	VAL			
108-95-2	Phenol		450.	U	410.	U			
111-44-4	bis(2-Chloroethyl)ether		45.	U	41.	U			
95-57-8	2-Chlorophenol		450.	U	410.	U			
541-73-1	1,3-Dichlorobenzene		450.	U	410.	U			
106-46-7	1,4-Dichlorobenzene		450.	U	410.	U			
95-50-1	1,2-Dichlorobenzene		450.	U	410.	U			
95-48-7	2-Methylphenol (o-Cresol)		450.	U	410.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		450.	U	410.	U			
106-44-5	4-Methylphenol (p-Cresol)		450.	U	410.	U			
621-64-7	N-Nitroso-di-n-propylamine		45.	U	41.	U			
67-72-1	Hexachloroethane		450.	U	410.	U			
98-95-3	Nitrobenzene		450.	U	410.	U			
78-59-1	Isophorone		450.	U	410.	U			
88-75-5	2-Nitrophenol		450.	U	410.	U			
105-67-9	2,4-Dimethylphenol		450.	U	410.	U			
111-91-1	bis(2-Chloroethoxy)methane		450.	U	410.	U			
120-83-2	2,4-Dichlorophenol		450.	U	410.	U			
120-82-1	1,2,4-Trichlorobenzene		450.	U	410.	U			
91-20-3	Naphthalene		45.	U	41.	U			
106-47-8	4-Chloroaniline		450.	U	410.	U			
87-68-3	Hexachlorobutadiene		450.	U	410.	U			
59-50-7	4-Chloro-3-methylphenol		450.	U	410.	U			
91-57-6	2-Methylnaphthalene		45.	U	41.	U			
77-47-4	Hexachlorocyclopentadiene		450.	U	410.	U			
88-06-2	2,4,6-Trichlorophenol		450.	U	410.	U			
95-95-4	2,4,5-Trichlorophenol		1100.	U	990.	U			
91-58-7	2-Chloronaphthalene		450.	U	410.	U			
88-74-4	2-Nitroaniline		450.	U	410.	U			
131-11-3	Dimethylphthalate		450.	U	410.	U			
208-96-8	Acenaphthylene		45.	U	41.	U			
606-20-2	2,6-Dinitrotoluene		450.	U	410.	U			
99-09-2	3-Nitroaniline		1100.	U	990.	U			
83-32-9	Acenaphthene		22.	U	20.	U			
51-28-5	2,4-Dinitrophenol		1100.	U	990.	U			
100-02-7	4-Nitrophenol		1100.	U	990.	U			
132-64-9	Dibenzofuran		450.	U	410.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-7201-01		041-M-7202-01					
	ORIGINAL ID ----->	041M720101		041M720201					
	LAB SAMPLE ID --->	950991-12		950991-13					
	ID FROM REPORT -->	041M720101		041M720201					
	SAMPLE DATE ----->	11/29/95		11/29/95					
	DATE EXTRACTED -->	12/02/95		12/02/95					
	DATE ANALYZED --->	12/09/95		12/08/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	Z30301	VAL	Z30301	VAL				
121-14-2	2,4-Dinitrotoluene	450.	U	410.	U				
84-66-2	Diethylphthalate	450.	U	410.	U				
7005-72-3	4-Chlorophenylphenyl ether	450.	U	410.	U				
86-73-7	Fluorene	22.	U	20.	U				
100-01-6	4-Nitroaniline	1100.	U	990.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1100.	U	990.	U				
86-30-6	N-Nitrosodiphenylamine	450.	U	410.	U				
101-55-3	4-Bromophenyl-phenylether	450.	U	410.	U				
118-74-1	Hexachlorobenzene	450.	U	410.	U				
87-86-5	Pentachlorophenol	1100.	U	990.	U				
85-01-8	Phenanthrene	49.		41.	U				
120-12-7	Anthracene	41.	J	41.	U				
86-74-8	Carbazole	450.	U	410.	U				
84-74-2	Di-n-butylphthalate	43.	J	410.	U				
206-44-0	Fluoranthene	120.		30.	J				
129-00-0	Pyrene	98.		38.	J				
85-68-7	Butylbenzylphthalate	450.	U	410.	U				
91-94-1	3,3'-Dichlorobenzidine	450.	U	410.	U				
56-55-3	Benzo(a)anthracene	47.		41.	U				
218-01-9	Chrysene	47.		41.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	450.	U	500.	U				
117-84-0	Di-n-octylphthalate	450.	U	410.	U				
205-99-2	Benzo(b)fluoranthene	90.		41.	U				
207-08-9	Benzo(k)fluoranthene	27.	J	41.	U				
50-32-8	Benzo(a)pyrene	43.	J	41.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	47.		41.	U				
53-70-3	Dibenz(a,h)anthracene	45.	U	41.	U				
191-24-2	Benzo(g,h,i)perylene	58.		41.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-7201-01		041-M-7202-01			
	ORIGINAL ID ----->	041M720101		041MZ20201			
	LAB SAMPLE ID --->	950991-12		950991-13			
	ID FROM REPORT -->	041M720101		041MZ20201			
	SAMPLE DATE ----->	11/29/95		11/29/95			
	DATE EXTRACTED -->	12/22/96		12/22/96			
	DATE ANALYZED --->	12/22/96		12/22/96			
	MATRIX ---------->	Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG			
CAS #	Parameter	Z30301	VAL	Z30301	VAL		
9999900-01-4	Total Organic Carbon (TOC)	2940.		1640.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Sediment Samples

VOA									
		SAMPLE ID ------->	041-M-7201-01		041-M-7202-01				
		ORIGINAL ID ----->	041M720101		041MZ20201				
		LAB SAMPLE ID --->	950991-12		950991-13				
		ID FROM REPORT -->	041M720101		041MZ20201				
		SAMPLE DATE ----->	11/29/95		11/29/95				
		DATE ANALYZED --->	12/01/95		12/02/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		Z30301	VAL	Z30301	VAL			
74-87-3	Chloromethane		1600.	U	12.	U			
74-83-9	Bromomethane		1600.	U	12.	U			
75-01-4	Vinyl chloride		470.	U	4.	U			
75-00-3	Chloroethane		1600.	U	12.	U			
75-09-2	Methylene chloride		740.	J	12.	U			
67-64-1	Acetone		1600.	UJ	32.				
75-15-0	Carbon disulfide		1600.	U	12.	U			
75-35-4	1,1-Dichloroethene		1600.	U	12.	U			
75-34-3	1,1-Dichloroethane		1600.	U	12.	U			
540-59-0	1,2-Dichloroethene (total)		1600.	U	12.	U			
67-66-3	Chloroform		1600.	U	12.	U			
107-06-2	1,2-Dichloroethane		1600.	U	12.	U			
78-93-3	2-Butanone (MEK)		1600.	U	12.	U			
71-55-6	1,1,1-Trichloroethane		1600.	U	12.	U			
56-23-5	Carbon tetrachloride		1600.	U	12.	U			
75-27-4	Bromodichloromethane		1600.	U	12.	U			
78-87-5	1,2-Dichloropropane		1600.	U	12.	U			
10061-01-5	cis-1,3-Dichloropropene		1600.	U	12.	U			
79-01-6	Trichloroethene		1600.	U	12.	U			
124-48-1	Dibromochloromethane		1600.	U	12.	U			
79-00-5	1,1,2-Trichloroethane		1600.	U	12.	U			
71-43-2	Benzene		1600.	U	12.	U			
10061-02-6	trans-1,3-Dichloropropene		1600.	U	12.	U			
75-25-2	Bromoform		1600.	U	12.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		1600.	U	12.	U			
591-78-6	2-Hexanone		1600.	U	12.	U			
127-18-4	Tetrachloroethene		1600.	U	12.	U			
79-34-5	1,1,2,2-Tetrachloroethane		1600.	U	12.	U			
108-88-3	Toluene		1600.	U	12.	U			
108-90-7	Chlorobenzene		1600.	U	12.	U			
100-41-4	Ethylbenzene		1600.	U	12.	U			
100-42-5	Styrene		1600.	U	12.	U			
1330-20-7	Xylene (Total)		1600.	U	12.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

METAL											
		SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01				
		ORIGINAL ID ----->	003M000101		003M000201		003M000301				
		LAB SAMPLE ID --->	746288		746255		746284				
		ID FROM REPORT -->	003M000101		003M000201		003M000301				
		SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter		119925	VAL	119925	VAL	119925	VAL			
7429-90-5	Aluminum		13400.	J	228.	J	919.	J			
7440-36-0	Antimony		1.7	U	0.48	U	0.55	U			
7440-38-2	Arsenic		2.4	U	0.68	U	0.79	U			
7440-39-3	Barium		27.6		0.63	U	3.3				
7440-41-7	Beryllium		0.23	U	0.03	U	0.03	U			
7440-43-9	Cadmium		4.1		0.13	U	0.15	U			
7440-70-2	Calcium		2020.		44.3		723.				
7440-47-3	Chromium		15.2		0.37	U	1.	U			
7440-48-4	Cobalt		0.45		0.13	U	0.15	U			
7440-50-8	Copper		105.		1.7	U	2.	U			
7439-89-6	Iron		3670.	J	219.	J	536.	J			
7439-92-1	Lead		525.		1.		14.1				
7439-95-4	Magnesium		529.		12.1	U	59.3	U			
7439-96-5	Manganese		12.6		0.69	U	5.6				
7440-02-0	Nickel		3.3		0.61	U	0.7	U			
7440-09-7	Potassium		324.		22.9		37.1				
7782-49-2	Selenium		4.		0.86	U	0.99	U			
7440-22-4	Silver		4.	U	1.1	U	1.3	U			
7440-23-5	Sodium		1010.	U	283.	U	300.	U			
7440-28-0	Thallium		3.2	U	0.91	U	1.	U			
7440-62-2	Vanadium		18.7		0.32		1.9				
7440-66-6	Zinc		60.5		3.	U	11.1				
57-12-5	Cyanide (CN)		2.3	U	0.63	U	0.73	U			
7439-97-6	Mercury		0.45	U	0.13	U	0.14	U			

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01					
	ORIGINAL ID ----->	003M000101		003M000201		003M000301					
	LAB SAMPLE ID --->	746287		746254		746283					
	ID FROM REPORT -->	03M000101		03M000201		03M000301					
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95					
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95					
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL				
319-84-6	alpha-BHC	0.3	J	2.1	U	2.4	U				
319-85-7	beta-BHC	1.5	J	2.1	U	0.25	J				
319-86-8	delta-BHC	0.32	J	2.1	U	0.076	J				
58-89-9	gamma-BHC (Lindane)	0.22	J	2.1	U	2.4	U				
76-44-8	Heptachlor	0.64	J	0.044	J	2.4	U				
309-00-2	Aldrin	0.88	J	2.1	U	0.082	J				
1024-57-3	Heptachlor epoxide	1.5	J	2.1	U	1.4	J				
959-98-8	Endosulfan I	0.86	J	2.1	U	0.8	J				
60-57-1	Dieldrin	0.42	J	0.094	J	0.67	J				
72-55-9	4,4'-DDE	15.	U	4.1	U	0.56	J				
72-20-8	Endrin	0.78	J	4.1	U	4.7	U				
33213-65-9	Endosulfan II	15.	U	4.1	U	4.7	U				
72-54-8	4,4'-DDD	2.5	J	4.1	U	0.66	J				
1031-07-8	Endosulfan sulfate	15.	U	4.1	U	0.34	J				
50-29-3	4,4'-DDT	0.36	J	4.1	U	4.7	U				
72-43-5	Methoxychlor	2.6	U	21.	U	4.7	U				
53494-70-5	Endrin ketone	0.36	J	4.1	U	4.7	U				
7421-93-4	Endrin aldehyde	2.3	J	4.1	U	0.23	J				
5103-71-9	alpha-Chlordane	0.35	J	2.1	U	0.1	J				
5103-74-2	gamma-Chlordane	1.8	J	2.1	U	0.084	J				
8001-35-2	Toxaphene	770.	U	210.	U	240.	U				
12674-11-2	Aroclor-1016	150.	U	41.	U	47.	U				
11104-28-2	Aroclor-1221	300.	U	84.	U	96.	U				
11141-16-5	Aroclor-1232	150.	U	41.	U	47.	U				
53469-21-9	Aroclor-1242	150.	U	41.	U	47.	U				
12672-29-6	Aroclor-1248	150.	U	41.	U	47.	U				
11097-69-1	Aroclor-1254	150.	U	41.	U	47.	U				
11096-82-5	Aroclor-1260	150.	U	41.	U	47.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

SVOA											
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01					
	ORIGINAL ID ----->	03M000101		003M000201		003M000301					
	LAB SAMPLE ID --->	745287		746254		746283					
	ID FROM REPORT -->	03M000101		03M000201		03M000301					
	SAMPLE DATE ----->			08/09/95		08/09/95					
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95					
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL				
106-44-5	4-Methylphenol (p-Cresol)	1500.	U	410.	U	470.	U				
101-55-3	4-Bromophenyl-phenylether	1500.	U	410.	U	470.	U				
108-95-2	Phenol	1500.	U	410.	U	470.	U				
111-44-4	bis(2-Chloroethyl)ether	1500.	U	410.	U	470.	U				
95-57-8	2-Chlorophenol	1500.	U	410.	U	470.	U				
541-73-1	1,3-Dichlorobenzene	1500.	U	410.	U	470.	U				
106-46-7	1,4-Dichlorobenzene	1500.	U	410.	U	470.	U				
95-50-1	1,2-Dichlorobenzene	1500.	U	410.	U	470.	U				
95-48-7	2-Methylphenol (o-Cresol)	1500.	U	410.	U	470.	U				
621-64-7	N-Nitroso-di-n-propylamine	1500.	U	410.	U	470.	U				
67-72-1	Hexachloroethane	1500.	U	410.	U	470.	U				
98-95-3	Nitrobenzene	1500.	U	410.	U	470.	U				
78-59-1	Isophorone	1500.	U	410.	U	470.	U				
88-75-5	2-Nitrophenol	1500.	U	410.	U	470.	U				
105-67-9	2,4-Dimethylphenol	1500.	U	410.	U	470.	U				
111-91-1	bis(2-Chloroethoxy)methane	1500.	U	410.	U	470.	U				
120-83-2	2,4-Dichlorophenol	1500.	U	410.	U	470.	U				
120-82-1	1,2,4-Trichlorobenzene	1500.	U	410.	U	470.	U				
91-20-3	Naphthalene	7500.		410.	U	470.	U				
106-47-8	4-Chloroaniline	1500.	U	410.	U	470.	U				
87-68-3	Hexachlorobutadiene	1500.	U	410.	U	470.	U				
59-50-7	4-Chloro-3-methylphenol	1500.	U	410.	U	470.	U				
91-57-6	2-Methylnaphthalene	4800.		410.	U	470.	U				
77-47-4	Hexachlorocyclopentadiene	1500.	U	410.	U	470.	U				
88-06-2	2,4,6-Trichlorophenol	1500.	U	410.	U	470.	U				
95-95-4	2,4,5-Trichlorophenol	3600.	U	1000.	U	1100.	U				
91-58-7	2-Chloronaphthalene	1500.	U	410.	U	470.	U				
88-74-4	2-Nitroaniline	3600.	U	1000.	U	1100.	U				
131-11-3	Dimethylphthalate	1500.	U	410.	U	470.	U				
606-20-2	2,6-Dinitrotoluene	1500.	U	410.	U	470.	U				
208-96-8	Acenaphthylene	1500.	U	410.	U	470.	U				
99-09-2	3-Nitroaniline	3600.	U	1000.	U	1100.	U				
83-32-9	Acenaphthene	1500.	U	410.	U	470.	U				
51-28-5	2,4-Dinitrophenol	3600.	U	1000.	U	1100.	U				
100-02-7	4-Nitrophenol	3600.	U	1000.	U	1100.	U				
121-14-2	2,4-Dinitrotoluene	1500.	U	410.	U	470.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

SVOA										
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01				
	ORIGINAL ID ----->	03M000101		003M000201		003M000301				
	LAB SAMPLE ID --->	745287		746254		746283				
	ID FROM REPORT -->	03M000101		03M000201		03M000301				
	SAMPLE DATE ----->			08/09/95		08/09/95				
	DATE EXTRACTED -->	08/11/95		08/11/95		08/11/95				
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL			
132-64-9	Dibenzofuran	1500.	U	410.	U	470.	U			
84-66-2	Diethylphthalate	1500.	U	410.	U	470.	U			
7005-72-3	4-Chlorophenylphenyl ether	1500.	U	410.	U	470.	U			
86-73-7	Fluorene	1500.	U	410.	U	470.	U			
100-01-6	4-Nitroaniline	3600.	U	1000.	U	1100.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	3600.	U	1000.	U	1100.	U			
86-30-6	N-Nitrosodiphenylamine	1500.	U	410.	U	470.	U			
118-74-1	Hexachlorobenzene	1500.	U	410.	U	470.	U			
87-86-5	Pentachlorophenol	3600.	U	1000.	U	1100.	U			
85-01-8	Phenanthrene	1500.	U	410.	U	470.	U			
120-12-7	Anthracene	1500.	U	410.	U	470.	U			
84-74-2	Di-n-butylphthalate	1500.	U	410.	U	470.	U			
206-44-0	Fluoranthene	1500.	U	410.	U	470.	U			
129-00-0	Pyrene	1500.	U	410.	U	470.	U			
85-68-7	Butylbenzylphthalate	1500.	U	410.	U	470.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	1500.	U	410.	U	470.	U			
91-94-1	3,3'-Dichlorobenzidine	1500.	U	410.	U	470.	U			
56-55-3	Benzo(a)anthracene	1500.	U	410.	U	470.	U			
218-01-9	Chrysene	1500.	U	410.	U	470.	U			
117-84-0	Di-n-octylphthalate	1500.	U	410.	U	470.	U			
205-99-2	Benzo(b)fluoranthene	1500.	U	410.	U	470.	U			
207-08-9	Benzo(k)fluoranthene	1500.	U	410.	U	470.	U			
50-32-8	Benzo(a)pyrene	1500.	U	410.	U	470.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	1500.	U	410.	U	470.	U			
53-70-3	Dibenz(a,h)anthracene	1500.	U	410.	U	470.	U			
191-24-2	Benzo(g,h,i)perylene	1500.	U	410.	U	470.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	1500.	U	410.	U	470.	U			
86-74-8	Carbazole	1500.	U	410.	U	470.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

TOC								
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01		
	ORIGINAL ID ----->	003M000101		003M000201		003M000301		
	LAB SAMPLE ID --->	746290		746275		746286		
	ID FROM REPORT -->	003M000101		003M000201		003M000301		
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		
	DATE ANALYZED --->	08/31/95		08/31/95		08/31/95		
	MATRIX --------->	Sediment		Sediment		Sediment		
	UNITS ---------->	mg/kg		mg/kg		mg/kg		
CAS #	Parameter	31199.27	VAL	31199.27	VAL	31199.27	VAL	
9999900-01-4	Total Organic Carbon (TOC)	39400.		5520.		8910.		

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

TPH								
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01		
	ORIGINAL ID ----->	003M000101		003M000201		003M000301		
	LAB SAMPLE ID --->	746289		746266		746285		
	ID FROM REPORT -->	003M000101		003M000201		003M000301		
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		
	DATE EXTRACTED -->	08/27/95		08/27/95		08/27/95		
	DATE ANALYZED --->	08/29/95		08/29/95		08/29/95		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	31199.26	VAL	31199.26	VAL	31199.26	VAL	
9999900-02-4	Petroleum Hydrocarbons, TPH	9800.		24.8		500.		

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Samples

VOA										
	SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01				
	ORIGINAL ID ----->	003M000101		003M000201		003M000301				
	LAB SAMPLE ID --->	746287		746254		746283				
	ID FROM REPORT -->	03M000101		03M000201		03M000301				
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95				
	DATE ANALYZED --->	08/15/95		08/15/95		08/15/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	00021	VAL	00021	VAL	00021	VAL			
74-87-3	Chloromethane	45.	U	13.	U	14.	U			
74-83-9	Bromomethane	45.	U	13.	U	14.	U			
75-01-4	Vinyl chloride	45.	U	13.	U	14.	U			
75-00-3	Chloroethane	45.	U	13.	U	14.	U			
75-09-2	Methylene chloride	170.	U	21.	U	29.	U			
67-64-1	Acetone	78.	U	12.	U	14.	U			
75-15-0	Carbon disulfide	45.	U	13.	U	14.	U			
75-35-4	1,1-Dichloroethene	45.	U	13.	U	14.	U			
75-34-3	1,1-Dichloroethane	45.	U	13.	U	14.	U			
540-59-0	1,2-Dichloroethene (total)	9.	J	13.	U	14.	U			
67-66-3	Chloroform	45.	U	13.	U	14.	U			
107-06-2	1,2-Dichloroethane	45.	U	13.	U	14.	U			
78-93-3	2-Butanone (MEK)	45.	U	13.	U	14.	U			
71-55-6	1,1,1-Trichloroethane	45.	U	13.	U	14.	U			
56-23-5	Carbon tetrachloride	45.	U	13.	U	14.	U			
75-27-4	Bromodichloromethane	45.	U	13.	U	14.	U			
78-87-5	1,2-Dichloropropane	45.	U	13.	U	14.	U			
10061-01-5	cis-1,3-Dichloropropene	45.	U	13.	U	14.	U			
79-01-6	Trichloroethene	45.	U	13.	U	14.	U			
124-48-1	Dibromochloromethane	45.	U	13.	U	14.	U			
79-00-5	1,1,2-Trichloroethane	45.	U	13.	U	14.	U			
71-43-2	Benzene	120.		13.	U	14.	U			
10061-02-6	trans-1,3-Dichloropropene	45.	U	13.	U	14.	U			
75-25-2	Bromoform	45.	U	13.	U	14.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	45.	U	13.	U	14.	U			
591-78-6	2-Hexanone	45.	U	13.	U	14.	U			
127-18-4	Tetrachloroethene	45.	U	13.	U	14.	U			
79-34-5	1,1,2,2-Tetrachloroethane	45.	U	13.	U	14.	U			
108-88-3	Toluene	200.		13.	U	14.	U			
108-90-7	Chlorobenzene	45.	U	13.	U	14.	U			
100-41-4	Ethylbenzene	290.		13.	U	14.	U			
100-42-5	Styrene	45.	U	13.	U	14.	U			
1330-20-7	Xylene (Total)	2000.		13.	U	14.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01				
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301				
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16				
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301				
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96				
	DATE EXTRACTED -->	02/09/96		02/09/96		02/09/96				
	DATE ANALYZED --->	02/14/96		02/14/96		02/14/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL			
9999000-58-8	Percent Solids	69.3		71.5		17.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

GRAIN SIZE												
		SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01					
		ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301					
		LAB SAMPLE ID --->	GTX-969-07		GTX-969-08		GTX-969-09					
		ID FROM REPORT -->	041MW20101		041MW20201		041MW20301					
		SAMPLE DATE ----->										
		DATE ANALYZED --->	02/01/96		02/01/96		02/01/96					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	%		%		%					
CAS #	Parameter		M52A10	VAL	M52A10	VAL	M52A10	VAL				
9999900-32-7	Seive Size #10		100.	NA	100.	SP	100.	NA				
9999900-32-8	Seive Size #20		100.	NA	99.	SP	99.	NA				
9999900-32-9	Seive Size #40		84.	NA	71.	SP	90.	NA				
9999900-33-1	Seive Size #100		13.	NA	1.	SP	41.	NA				
9999900-33-0	Seive Size #60		31.	NA	12.	SP	60.	NA				
9999900-33-2	Seive Size #200		12.	NA	1.	SP	39.	NA				
9999900-33-3	Seive Size Pan		0.	NA	0.	SP	0.	NA				
9999900-32-5	Seive Size 0.375"		NR		NR		NR					
9999900-32-6	Seive Size #4		NR		100.	SP	NR					
9999900-33-4	Seive Size 1"		NR		NR		NR					
9999900-33-5	Seive Size .75"		NR		NR		NR					
9999900-33-6	Seive Size .5"		NR		NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01					
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301					
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16					
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301					
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96					
	DATE EXTRACTED -->	02/03/96		02/03/96		02/03/96					
	DATE ANALYZED --->	02/05/96		02/05/96		02/05/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL				
7429-90-5	Aluminum	3540.		607.		6700.					
7440-36-0	Antimony	0.14	UJ	0.14	UJ	3.1	UJ				
7440-38-2	Arsenic	0.5	J	0.14	U	14.1					
7440-39-3	Barium	11.5	J	1.	J	6.3	J				
7440-41-7	Beryllium	0.08	J	0.07	U	0.35	J				
7440-43-9	Cadmium	0.18	J	0.14	U	0.62	UJ				
7440-70-2	Calcium	285.	J	334.	J	1250.	J				
7440-47-3	Chromium	5.4		0.76		10.2					
7440-48-4	Cobalt	0.24	J	0.14	U	3.3	J				
7440-50-8	Copper	3.2		1.3	J	4.7	J				
7439-89-6	Iron	808.		209.		5130.					
7439-92-1	Lead	17.1		2.3		9.1					
7439-95-4	Magnesium	155.	J	93.5	J	1660.					
7439-96-5	Manganese	3.		1.2		6.					
7439-97-6	Mercury	0.07	U	0.05	U	0.27	U				
7440-02-0	Nickel	1.3	J	0.8	J	9.2	J				
7440-09-7	Potassium	88.	J	32.	J	503.	J				
7782-49-2	Selenium	1.6	J	0.46	J	1.3	J				
7440-22-4	Silver	0.36	U	0.35	U	1.5	U				
7440-23-5	Sodium	6.3	U	254.	J	2430.					
7440-28-0	Thallium	0.29	U	0.28	U	1.2	U				
7440-62-2	Vanadium	5.8		1.2	J	27.					
7440-66-6	Zinc	7.7		4.9		10.4					
57-12-5	Cyanide (CN)	0.7	U	0.65	U	2.9	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01					
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301					
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16					
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301					
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96					
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96					
	DATE ANALYZED --->	02/14/96		02/14/96		02/14/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL				
319-84-6	alpha-BHC	0.11	U	0.1	U	0.46	U				
319-85-7	beta-BHC	0.11	U	0.1	U	0.46	U				
319-86-8	delta-BHC	0.63		0.1	U	0.46	U				
58-89-9	gamma-BHC (Lindane)	0.11	U	0.1	U	0.46	U				
76-44-8	Heptachlor	0.11	U	0.1	U	0.46	U				
309-00-2	Aldrin	0.23	J	0.1	U	0.46	U				
1024-57-3	Heptachlor epoxide	0.11	U	0.1	U	0.46	U				
959-98-8	Endosulfan I	0.11	U	0.1	U	0.46	U				
60-57-1	Dieldrin	0.34	J	0.21	U	0.91	U				
72-55-9	4,4'-DDE	2.4	J	0.38	J	0.91	U				
72-20-8	Endrin	0.77	J	0.21	U	2.5	J				
33213-65-9	Endosulfan II	0.22	U	0.21	U	0.91	U				
72-54-8	4,4'-DDD	5.8	D	0.86		0.91	U				
1031-07-8	Endosulfan sulfate	0.22	U	0.21	U	0.91	U				
50-29-3	4,4'-DDT	3.5	J	0.28	J	0.91	U				
72-43-5	Methoxychlor	1.1	U	1.	U	4.6	U				
53494-70-5	Endrin ketone	0.22	U	0.21	U	0.91	U				
7421-93-4	Endrin aldehyde	0.22	U	0.21	U	0.91	U				
5103-71-9	alpha-Chlordane	0.14	J	0.22		0.46	U				
5103-74-2	gamma-Chlordane	0.11	U	0.1	U	0.46	U				
8001-35-2	Toxaphene	22.	U	21.	U	93.	U				
12674-11-2	Aroclor-1016	2.2	U	2.1	U	9.1	U				
11104-28-2	Aroclor-1221	4.3	U	4.1	U	18.	U				
11141-16-5	Aroclor-1232	2.2	U	2.1	U	9.1	U				
53469-21-9	Aroclor-1242	2.2	U	2.1	U	9.1	U				
12672-29-6	Aroclor-1248	2.2	U	2.1	U	9.1	U				
11097-69-1	Aroclor-1254	2.2	U	2.1	U	9.1	U				
11096-82-5	Aroclor-1260	1.7	J	3.8	J	5.6	J				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

SVOA										
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01				
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301				
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16				
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301				
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96				
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96				
	DATE ANALYZED --->	02/12/96		02/10/96		02/15/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL			
108-95-2	Phenol	430.	U	410.	U	3700.	U			
111-44-4	bis(2-Chloroethyl)ether	43.	U	41.	U	370.	U			
95-57-8	2-Chlorophenol	430.	U	410.	U	3700.	U			
541-73-1	1,3-Dichlorobenzene	430.	U	410.	U	3700.	U			
106-46-7	1,4-Dichlorobenzene	430.	U	410.	U	3700.	U			
95-50-1	1,2-Dichlorobenzene	430.	U	410.	U	3700.	U			
95-48-7	2-Methylphenol (o-Cresol)	430.	U	410.	U	3700.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	430.	UJ	410.	U	3700.	U			
-106-44-5	4-Methylphenol (p-Cresol)	430.	U	410.	U	3700.	U			
621-64-7	N-Nitroso-di-n-propylamine	43.	U	41.	U	370.	U			
67-72-1	Hexachloroethane	430.	U	410.	U	3700.	U			
98-95-3	Nitrobenzene	430.	U	410.	U	3700.	U			
78-59-1	Isophorone	430.	U	410.	U	3700.	U			
88-75-5	2-Nitrophenol	430.	U	410.	U	3700.	U			
105-67-9	2,4-Dimethylphenol	430.	U	410.	U	3700.	U			
111-91-1	bis(2-Chloroethoxy)methane	430.	U	410.	U	3700.	U			
120-83-2	2,4-Dichlorophenol	430.	U	410.	U	3700.	U			
120-82-1	1,2,4-Trichlorobenzene	430.	U	410.	U	3700.	U			
91-20-3	Naphthalene	43.	U	41.	U	370.	U			
106-47-8	4-Chloroaniline	430.	U	410.	U	3700.	U			
87-68-3	Hexachlorobutadiene	430.	U	410.	U	3700.	U			
59-50-7	4-Chloro-3-methylphenol	430.	U	410.	U	3700.	U			
91-57-6	2-Methylnaphthalene	43.	U	41.	U	370.	U			
77-47-4	Hexachlorocyclopentadiene	430.	U	410.	U	3700.	U			
88-06-2	2,4,6-Trichlorophenol	430.	U	410.	U	3700.	U			
95-95-4	2,4,5-Trichlorophenol	1000.	U	1000.	U	8900.	U			
91-58-7	2-Chloronaphthalene	430.	U	410.	U	3700.	U			
88-74-4	2-Nitroaniline	430.	U	410.	U	3700.	U			
131-11-3	Dimethylphthalate	430.	U	410.	U	3700.	U			
208-96-8	Acenaphthylene	43.	U	41.	U	370.	U			
606-20-2	2,6-Dinitrotoluene	430.	U	410.	U	3700.	U			
99-09-2	3-Nitroaniline	1000.	U	1000.	U	8900.	U			
83-32-9	Acenaphthene	21.	U	20.	U	180.	U			
51-28-5	2,4-Dinitrophenol	1000.	U	1000.	U	8900.	U			
100-02-7	4-Nitrophenol	1000.	U	1000.	U	8900.	U			
132-64-9	Dibenzofuran	430.	U	410.	U	3700.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

SVOA										
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01				
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301				
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16				
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301				
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96				
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96				
	DATE ANALYZED --->	02/12/96		02/10/96		02/15/96				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL			
121-14-2	2,4-Dinitrotoluene	430.	U	410.	U	3700.	U			
84-66-2	Diethylphthalate	430.	U	410.	U	220.	J			
7005-72-3	4-Chlorophenylphenyl ether	430.	U	410.	U	3700.	U			
86-73-7	Fluorene	21.	U	20.	U	180.	U			
100-01-6	4-Nitroaniline	1000.	U	1000.	U	8900.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	1000.	U	1000.	U	8900.	U			
86-30-6	N-Nitrosodiphenylamine	430.	U	410.	U	3700.	U			
101-55-3	4-Bromophenyl-phenylether	430.	U	410.	U	3700.	U			
118-74-1	Hexachlorobenzene	430.	U	410.	U	3700.	U			
87-86-5	Pentachlorophenol	1000.	U	1000.	U	8900.	U			
85-01-8	Phenanthrene	43.	U	41.	U	370.	U			
120-12-7	Anthracene	43.	U	41.	U	370.	U			
86-74-8	Carbazole	430.	U	410.	U	3700.	U			
84-74-2	Di-n-butylphthalate	39.	J	33.	J	3700.	U			
206-44-0	Fluoranthene	47.		41.	U	370.	U			
129-00-0	Pyrene	82.		41.	U	370.	U			
85-68-7	Butylbenzylphthalate	32.	J	21.	J	3700.	U			
91-94-1	3,3'-Dichlorobenzidine	430.	U	410.	U	3700.	U			
56-55-3	Benzo(a)anthracene	43.	U	41.	U	370.	U			
218-01-9	Chrysene	40.	J	41.	U	370.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	460.		55.	J	3700.	U			
117-84-0	Di-n-octylphthalate	430.	U	410.	U	3700.	U			
205-99-2	Benzo(b)fluoranthene	28.	J	41.	U	370.	U			
207-08-9	Benzo(k)fluoranthene	43.	U	41.	U	370.	U			
50-32-8	Benzo(a)pyrene	43.	U	41.	U	370.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	26.	J	41.	U	370.	U			
53-70-3	Dibenz(a,h)anthracene	43.	U	41.	U	370.	U			
191-24-2	Benzo(g,h,i)perylene	43.	U	41.	U	370.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01		
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301		
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16		
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301		
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96		
	DATE EXTRACTED -->	02/16/96		02/16/96		02/16/96		
	DATE ANALYZED --->	02/16/96		02/16/96		02/16/96		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL	
9999900-01-4	Total Organic Carbon (TOC)	16800.		5110.		165000.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Sediment Samples

VOA											
	SAMPLE ID ------->	041-M-W201-01		041-M-W202-01		041-M-W203-01					
	ORIGINAL ID ----->	041MW20101		041MW20201		041MW20301					
	LAB SAMPLE ID --->	960055-14		960055-15		960055-16					
	ID FROM REPORT -->	041MW20101		041MW20201		041MW20301					
	SAMPLE DATE ----->	01/24/96		01/24/96		01/24/96					
	DATE ANALYZED --->	01/27/96		01/27/96		01/30/96					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	M52A10	VAL	M52A10	VAL	M52A10	VAL				
74-87-3	Chloromethane	31.	U	13.	U	48.	U				
74-83-9	Bromomethane	31.	U	13.	U	48.	U				
75-01-4	Vinyl chloride	9.	U	4.	U	14.	U				
75-00-3	Chloroethane	31.	U	13.	U	48.	U				
75-09-2	Methylene chloride	31.	U	13.	U	48.	U				
67-64-1	Acetone	54.	U	28.	U	210.					
75-15-0	Carbon disulfide	31.	U	13.	U	48.	U				
75-35-4	1,1-Dichloroethene	31.	U	13.	U	48.	U				
75-34-3	1,1-Dichloroethane	31.	U	13.	U	48.	U				
540-59-0	1,2-Dichloroethene (total)	31.	U	13.	U	48.	U				
67-66-3	Chloroform	31.	U	13.	U	48.	U				
107-06-2	1,2-Dichloroethane	31.	U	13.	U	48.	U				
78-93-3	2-Butanone (MEK)	31.	U	13.	U	48.	U				
71-55-6	1,1,1-Trichloroethane	31.	U	13.	U	48.	U				
56-23-5	Carbon tetrachloride	31.	U	13.	U	48.	U				
75-27-4	Bromodichloromethane	31.	U	13.	U	48.	U				
78-87-5	1,2-Dichloropropane	31.	U	13.	U	48.	U				
10061-01-5	cis-1,3-Dichloropropene	31.	U	13.	U	48.	U				
79-01-6	Trichloroethene	31.	U	13.	U	48.	U				
124-48-1	Dibromochloromethane	31.	U	13.	U	48.	U				
79-00-5	1,1,2-Trichloroethane	31.	U	13.	U	48.	U				
71-43-2	Benzene	31.	U	13.	U	48.	U				
10061-02-6	trans-1,3-Dichloropropene	31.	U	13.	U	48.	U				
75-25-2	Bromoform	31.	U	13.	U	48.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	31.	U	13.	U	48.	U				
591-78-6	2-Hexanone	31.	U	13.	U	48.	U				
127-18-4	Tetrachloroethene	31.	U	13.	U	48.	U				
79-34-5	1,1,2,2-Tetrachloroethane	31.	U	13.	U	48.	U				
108-88-3	Toluene	31.	U	13.	U	48.	U				
108-90-7	Chlorobenzene	31.	U	13.	U	48.	U				
100-41-4	Ethylbenzene	31.	U	13.	U	48.	U				
100-42-5	Styrene	31.	U	13.	U	48.	U				
1330-20-7	Xylene (Total)	31.	U	13.	U	48.	U				

*** Validation Complete ***

Surface Water Data

DATALCP3
09/14/04

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Surface Water Data

METAL							
	SAMPLE ID ------->	001-W-0001-01					
	ORIGINAL ID ----->	01W0101					
	LAB SAMPLE ID --->	622180					
	ID FROM REPORT -->	MAC002					
	SAMPLE DATE ----->	06/29/94					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	89362	VAL				
7429-90-5	Aluminum	2120.					
7440-36-0	Antimony	55.9	U				
7440-38-2	Arsenic	3.4					
7440-39-3	Barium	32.1					
7440-41-7	Beryllium	0.5	U				
7440-43-9	Cadmium	4.6	UJ				
7440-70-2	Calcium	11700.					
7440-47-3	Chromium	13.5					
7440-48-4	Cobalt	7.3	U				
7440-50-8	Copper	7.5					
7439-89-6	Iron	3540.					
7439-92-1	Lead	6.	J				
7439-95-4	Magnesium	2140.					
7439-96-5	Manganese	143.					
7439-97-6	Mercury	0.2	U				
7440-02-0	Nickel	16.4	U				
7440-09-7	Potassium	1040.					
7782-49-2	Selenium	3.9	U				
7440-22-4	Silver	3.6	U				
7440-23-5	Sodium	5510.					
7440-28-0	Thallium	3.6	UJ				
7440-62-2	Vanadium	10.2					
7440-66-6	Zinc	39.7					
57-12-5	Cyanide (CN)	10.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Surface Water Data

PEST

SAMPLE ID -------> 001-W-0001-01
ORIGINAL ID -----> 01W0101
LAB SAMPLE ID ---> 622177
ID FROM REPORT --> 01W0101
SAMPLE DATE -----> 06/29/94
DATE EXTRACTED --> 07/05/94
DATE ANALYZED ---> 07/07/94
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	00001	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Surface Water Data

SVOA

SAMPLE ID ------->	001-W-0001-01
ORIGINAL ID ----->	01W0101
LAB SAMPLE ID --->	622177
ID FROM REPORT -->	01W0101
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/01/94
DATE ANALYZED --->	07/06/94
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00001	VAL
108-95-2	Phenol	5.	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
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)/bis(2-chlor	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	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	U
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Surface Water Data

SVOA

SAMPLE ID ------->	001-W-0001-01
ORIGINAL ID ----->	01W0101
LAB SAMPLE ID --->	622177
ID FROM REPORT -->	01W0101
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/01/94
DATE ANALYZED --->	07/06/94
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	00001	VAL
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenyl ether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	3.	U
117-84-0	Di-n-octylphthalate	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 ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1A Phase II Surface Water Data

VOA

SAMPLE ID ------->	001-W-0001-01
ORIGINAL ID ----->	01W0101
LAB SAMPLE ID --->	622177
ID FROM REPORT -->	01W0101
SAMPLE DATE ----->	06/29/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00001	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	10.	U
67-64-1	Acetone	35.	U
75-15-0	Carbon disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (Total)	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-0103-01					
	ORIGINAL ID ----->	041W010301					
	LAB SAMPLE ID --->	960039-14					
	ID FROM REPORT -->	041W010301					
	SAMPLE DATE ----->	01/17/96					
	DATE EXTRACTED -->	02/05/96					
	DATE ANALYZED --->	02/03/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	63A401 VAL					
9999900-03-3	Hardness as CaCO3	87.1					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

LOWSVOA

SAMPLE ID -------> 041-W-0103-01
ORIGINAL ID -----> 041W010301
LAB SAMPLE ID ---> 960039-14
ID FROM REPORT --> 041W010301
SAMPLE DATE -----> 01/17/96
DATE EXTRACTED --> 01/23/96
DATE ANALYZED ---> 01/29/96
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	63A401	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-0103-01
ORIGINAL ID ----->	041W010301
LAB SAMPLE ID --->	960039-14
ID FROM REPORT -->	041W010301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	01/29/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

LOWVOA

SAMPLE ID -------> 041-W-0103-01
ORIGINAL ID -----> 041W010301
LAB SAMPLE ID ---> 960039-14
ID FROM REPORT --> 041W010301
SAMPLE DATE -----> 01/17/96
DATE ANALYZED ---> 01/20/96
MATRIX ----------> Water
UNITS ----------> UG/L

CAS #	Parameter	63A401	VAL
74-87-3	Chloromethane	1.	UJ
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	6.	U
67-64-1	Acetone	15.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	2.	J
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-0103-01
ORIGINAL ID ----->	041W010301
LAB SAMPLE ID --->	960039-14
ID FROM REPORT -->	041W010301
SAMPLE DATE ----->	01/17/96
DATE ANALYZED --->	01/20/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-0103-01
ORIGINAL ID ----->	041W010301
LAB SAMPLE ID --->	960039-14
ID FROM REPORT -->	041W010301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
7429-90-5	Aluminum	68.1	U
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.	U
7440-39-3	Barium	10.8	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	U
7440-70-2	Calcium	30700.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	302.	
7439-92-1	Lead	2.	U
7439-95-4	Magnesium	2560.	J
7439-96-5	Manganese	17.4	
7439-97-6	Mercury	0.14	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	2300.	J
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	7370.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	19.3	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 1B Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-0103-01
ORIGINAL ID ----->	041W010301
LAB SAMPLE ID --->	960039-14
ID FROM REPORT -->	041W010301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	02/07/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

DATALCP3
09/14/04

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-0301-01		041-W-0302-01		041-W-0303-01		041-W-0304-01			
	ORIGINAL ID ----->	041W030101		041W030201		041W030301		041W030401			
	LAB SAMPLE ID --->	950998-20		950998-21		951012-07		951012-08			
	ID FROM REPORT -->	041W030101		041W030201		041W030301		041W030401			
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95			
	DATE EXTRACTED -->	01/13/96		01/13/96		01/14/96		01/14/96			
	DATE ANALYZED --->	01/14/96		01/14/96		01/15/96		01/15/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL		
9999000-58-8	Percent Solids	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

HARDNESS	SAMPLE ID ------->	041-W-0301-01	041-W-0302-01	041-W-0303-01	041-W-0304-01		
	ORIGINAL ID ----->	041W030101	041W030201	041W030301	041W030401		
	LAB SAMPLE ID --->	950998-20	950998-21	951012-07	951012-08		
	ID FROM REPORT -->	041W030101	041W030201	041W030301	041W030401		
	SAMPLE DATE ----->	12/01/95	12/01/95	12/04/95	12/04/95		
	DATE EXTRACTED -->	01/15/96	01/15/96	01/15/96	01/15/96		
	DATE ANALYZED --->	01/13/96	01/13/96	01/14/96	01/14/96		
	MATRIX ---------->	Water	Water	Water	Water		
	UNITS ---------->	MG/L	MG/L	MG/L	MG/L		
CAS #	Parameter	EM0040 VAL	EM0040 VAL	030301 VAL	030301 VAL		
9999900-03-3	Hardness as CaCO3	75.6	90.9	63.6	75.9		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-0301-01		041-W-0302-01		041-W-0303-01		041-W-0304-01	
	ORIGINAL ID ----->	041W030101		041W030201		041W030301		041W030401	
	LAB SAMPLE ID --->	950998-20		950998-21		951012-07		951012-08	
	ID FROM REPORT -->	041W030101		041W030201		041W030301		041W030401	
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95	
	DATE EXTRACTED -->	12/05/95		12/05/95		12/05/95		12/05/95	
	DATE ANALYZED --->	12/18/95		12/18/95		12/21/95		12/18/95	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL
108-95-2	Phenol	5.	U	5.	U	5.	U	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1.	U	1.	U
95-57-8	2-Chlorophenol	5.	U	5.	U	5.	U	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U	5.	U	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U	5.	U
67-72-1	Hexachloroethane	5.	U	5.	U	5.	U	5.	U
98-95-3	Nitrobenzene	5.	U	5.	U	5.	U	5.	U
78-59-1	Isophorone	5.	U	5.	U	5.	U	5.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	5.	U	5.	U	5.	U	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	5.	U
120-83-2	2,4-Dichlorophenol	5.	U	5.	U	5.	U	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U
91-20-3	Naphthalene	1.	U	1.	U	1.	U	1.	
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	5.	U
91-57-6	2-Methylnaphthalene	1.	U	1.	U	1.	U	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	20.	U
91-58-7	2-Chloronaphthalene	5.	U	5.	U	5.	U	5.	U
88-74-4	2-Nitroaniline	5.	U	5.	U	5.	U	5.	U
131-11-3	Dimethylphthalate	5.	U	5.	U	5.	U	5.	U
208-96-8	Acenaphthylene	1.	U	1.	U	1.	U	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U
99-09-2	3-Nitroaniline	20.	U	20.	U	20.	UJ	20.	U
83-32-9	Acenaphthene	1.	U	1.	U	1.	U	1.	U
51-28-5	2,4-Dinitrophenol	20.	U	20.	U	20.	U	20.	U
100-02-7	4-Nitrophenol	20.	U	20.	U	20.	U	20.	U
132-64-9	Dibenzofuran	5.	U	5.	U	5.	U	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U
84-66-2	Diethylphthalate	5.	U	5.	U	5.	U	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

LOWSVOA											
	SAMPLE ID ------->	041-W-0301-01		041-W-0302-01		041-W-0303-01		041-W-0304-01			
	ORIGINAL ID ----->	041W030101		041W030201		041W030301		041W030401			
	LAB SAMPLE ID --->	950998-20		950998-21		951012-07		951012-08			
	ID FROM REPORT -->	041W030101		041W030201		041W030301		041W030401			
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95			
	DATE EXTRACTED -->	12/05/95		12/05/95		12/05/95		12/05/95			
	DATE ANALYZED --->	12/18/95		12/18/95		12/21/95		12/18/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL		
86-73-7	Fluorene	1.	U	1.	U	1.	U	1.	U		
100-01-6	4-Nitroaniline	20.	U	20.	U	20.	U	20.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U	20.	U	20.	U		
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U	5.	U		
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U	5.	U	5.	U		
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U		
87-86-5	Pentachlorophenol	5.	U	5.	U	5.	U	5.	U		
85-01-8	Phenanthrene	1.	U	1.	U	1.	U	1.	U		
120-12-7	Anthracene	1.	U	1.	U	1.	U	1.	U		
84-74-2	Di-n-butylphthalate	5.	U	5.	U	5.	U	5.	U		
206-44-0	Fluoranthene	1.	U	1.	U	1.	U	1.	U		
129-00-0	Pyrene	1.	U	1.	U	1.	U	1.	U		
85-68-7	Butylbenzylphthalate	5.	U	5.	U	5.	U	5.	U		
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U	5.	U		
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U	1.	U		
218-01-9	Chrysene	1.	U	1.	U	1.	U	1.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	5.	U	5.	U		
117-84-0	Di-n-octylphthalate	5.	U	5.	U	5.	U	5.	U		
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U	1.	U		
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U	1.	U		
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U	1.	U		
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U	1.	U		
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U	1.	U		
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U	1.	U		
541-73-1	1,3-Dichlorobenzene	NR		NR		NR		NR			
106-46-7	1,4-Dichlorobenzene	NR		NR		NR		NR			
95-50-1	1,2-Dichlorobenzene	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

LOWVOA

	SAMPLE ID ------->	041-W-0301-01		041-W-0302-01		041-W-0303-01		041-W-0304-01			
	ORIGINAL ID ----->	041W030101		041W030201		041W030301		041W030401			
	LAB SAMPLE ID --->	950998-20		950998-21		951012-07		951012-08			
	ID FROM REPORT -->	041W030101		041W030201		041W030301		041W030401			
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95			
	DATE ANALYZED --->	12/05/95		12/05/95		12/06/95		12/06/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL		
74-87-3	Chloromethane	1.	U	1.	U	1.	U	1.	U		
74-83-9	Bromomethane	1.	U	1.	U	1.	U	1.	U		
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	1.	U		
75-00-3	Chloroethane	1.	U	1.	U	1.	U	1.	U		
75-09-2	Methylene chloride	1200.	D	5.	U	3.	U	120.	D		
67-64-1	Acetone	12.	UR	15.	U	14.	UR	11.	UR		
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U		
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U		
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U	1.	U		
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U		
67-66-3	Chloroform	1.	U	1.	U	1.	U	1.	U		
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U		
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR	5.	UR	5.	UR		
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U		
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U		
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U		
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U		
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U		
79-01-6	Trichloroethene	1.	U	1.	U	1.	U	1.	U		
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U		
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U		
71-43-2	Benzene	1.	U	1.		2.		3.			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U		
75-25-2	Bromoform	1.	U	1.	U	1.	U	1.	U		
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U	1.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	UR	5.	UR	5.	U	5.	U		
591-78-6	2-Hexanone	5.	U	5.	U	5.	UR	5.	UR		
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U		
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U		
108-88-3	Toluene	1.	U	1.	U	1.	U	1.	U		
108-90-7	Chlorobenzene	3.		13.		30.	D	14.			
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U		
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U		
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U	1.	U		
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U		
106-46-7	1,4-Dichlorobenzene	2.		4.		10.		4.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

LOWVOA											
	SAMPLE ID ------->	041-W-0301-01		041-W-0302-01		041-W-0303-01		041-W-0304-01			
	ORIGINAL ID ----->	041W030101		041W030201		041W030301		041W030401			
	LAB SAMPLE ID --->	950998-20		950998-21		951012-07		951012-08			
	ID FROM REPORT -->	041W030101		041W030201		041W030301		041W030401			
	SAMPLE DATE ----->	12/01/95		12/01/95		12/04/95		12/04/95			
	DATE ANALYZED --->	12/05/95		12/05/95		12/06/95		12/06/95			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	EM0040	VAL	EM0040	VAL	030301	VAL	030301	VAL		
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U	1.		1.	U		
74-97-5	Bromochloromethane	1.	U	1.	U	1.	U	1.	U		
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U	1.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

METAL													
	SAMPLE ID ------->	001-W-0003-01		001-W-0003-02		001-W-0003-03		041-W-0301-01		041-W-0302-01		041-W-0303-01	
	ORIGINAL ID ----->	01W0301		01W0302		01W0303		041W030101		041W030201		041W030301	
	LAB SAMPLE ID --->	621828		621830		621836		950998-20		950998-21		951012-07	
	ID FROM REPORT -->	MAC003		MAC004		MAC005		041W030101		041W030201		041W030301	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
	DATE EXTRACTED -->							01/13/96		01/13/96		01/14/96	
	DATE ANALYZED --->							01/14/96		01/14/96		01/15/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	89362	VAL	89362	VAL	89362	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
7429-90-5	Aluminum	170.		175.		98.6		149.	J	2150.		951.	
7440-36-0	Antimony	55.9	U	55.9	U	55.9	U	2.	UJ	3.3	J	2.	U
7440-38-2	Arsenic	2.8	U	2.8	U	2.8	UJ	2.7	J	17.2		48.9	
7440-39-3	Barium	35.8		34.4		30.5		27.6	J	43.2	J	56.8	J
7440-41-7	Beryllium	0.5	U	0.5	U	0.5	U	1.	U	1.	U	1.	U
7440-43-9	Cadmium	4.6	UJ	4.6	UJ	4.6	UJ	3.	U	3.4	J	3.8	J
7440-70-2	Calcium	29100.		29100.		27600.		26700.		32600.		22900.	
7440-47-3	Chromium	9.2	U	9.2	U	9.2	U	8.	U	8.7	J	9.3	J
7440-48-4	Cobalt	7.3	U	7.3	U	7.3	U	3.	U	3.	U	3.	U
7440-50-8	Copper	4.5	U	4.5	U	4.5	U	4.	U	4.7	J	9.6	J
7439-89-6	Iron	8080.		8430.		7810.		17900.		59600.		176000.	
7439-92-1	Lead	1.6	UJ	1.6	UJ	1.9	J	1.	U	20.3		7.1	
7439-95-4	Magnesium	2280.		2320.		2310.		2160.	J	2290.	J	1540.	J
7439-96-5	Manganese	127.		136.		146.		150.		265.		206.	
7439-97-6	Mercury	0.2	U	0.2	U	0.2	U	0.13	U	0.13	U	0.13	U
7440-02-0	Nickel	16.4	U	16.4	U	16.4	U	12.	U	12.	U	12.	U
7440-09-7	Potassium	1950.		1840.		1680.		1420.	J	1620.	J	1380.	J
7782-49-2	Selenium	3.9	U	3.9	UJ	3.9	UJ	3.	UJ	3.	UJ	3.	U
7440-22-4	Silver	3.6	U	3.6	U	3.6	U	4.	U	4.	U	4.	U
7440-23-5	Sodium	7010.		7220.		7420.		6530.		5770.		5850.	
7440-28-0	Thallium	36.	UJ	3.6	UJ	3.6	UJ	3.	U	3.	U	3.	U
7440-62-2	Vanadium	4.7		4.4	U	4.4	U	2.	U	6.5	J	11.1	J
7440-66-6	Zinc	9.2	U	9.2	U	9.2	U	3.	UJ	10.4	J	3.	U
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-0304-01
ORIGINAL ID ----->	041W030401
LAB SAMPLE ID --->	951012-08
ID FROM REPORT -->	041W030401
SAMPLE DATE ----->	12/04/95
DATE EXTRACTED -->	01/14/96
DATE ANALYZED --->	01/15/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	030301	VAL
7429-90-5	Aluminum	211.	
7440-36-0	Antimony	3.	J
7440-38-2	Arsenic	3.2	J
7440-39-3	Barium	35.	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	3.	U
7440-70-2	Calcium	26600.	
7440-47-3	Chromium	8.	U
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	21500.	
7439-92-1	Lead	1.	U
7439-95-4	Magnesium	2290.	J
7439-96-5	Manganese	142.	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	1490.	J
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	U
7440-23-5	Sodium	5860.	
7440-28-0	Thallium	3.7	U
7440-62-2	Vanadium	2.2	J
7440-66-6	Zinc	3.	U
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

PEST													
	SAMPLE ID ------->	001-W-0003-01		001-W-0003-02		001-W-0003-03		041-W-0301-01		041-W-0302-01		041-W-0303-01	
	ORIGINAL ID ----->	01W0301		01W0302		01W0303		041W030101		041W030201		041W030301	
	LAB SAMPLE ID --->	621827		621829		621833		950998-20		950998-21		951012-07	
	ID FROM REPORT -->	01W0301		01W0302		01W0303		041W030101		041W030201		041W030301	
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94		12/01/95		12/01/95		12/04/95	
	DATE EXTRACTED -->	07/01/94		07/01/94		07/01/94		12/06/95		12/06/95		12/07/95	
	DATE ANALYZED --->	07/05/94		07/05/94		07/05/94		01/16/96		01/16/96		01/14/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL	EM0040	VAL	EM0040	VAL	030301	VAL
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UR	0.05	UJ
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	UJ	0.05	UR	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UR	0.5	U
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.25	J	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UR	0.1	U
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UR	0.05	U
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U	5.	UR	5.	U
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U	1.	UR	1.	U
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U	2.	UR	2.	U
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U	1.	UR	1.	U
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U	1.	UR	1.	U
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U	1.	UR	1.	U
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U	1.	UR	1.	U
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U	0.5	J	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

PEST

SAMPLE ID -------> 041-W-0304-01
ORIGINAL ID -----> 041W030401
LAB SAMPLE ID ---> 951012-08
ID FROM REPORT --> 041W030401
SAMPLE DATE -----> 12/04/95
DATE EXTRACTED --> 12/07/95
DATE ANALYZED ---> 01/14/96
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	030301	VAL
319-84-6	alpha-BHC	0.05	UJ
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

SVOA											
		SAMPLE ID ------->	001-W-0003-01		001-W-0003-02		001-W-0003-03				
		ORIGINAL ID ----->	01W0301		01W0302		01W0303				
		LAB SAMPLE ID --->	621827		621829		621833				
		ID FROM REPORT -->	01W0301		01W0302		01W0303				
		SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94				
		DATE EXTRACTED -->	06/30/94		06/30/94		06/30/94				
		DATE ANALYZED --->	07/05/94		07/05/94		07/05/94				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		00001	VAL	00001	VAL	00001	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		2.	J	2.	J	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)/bis(2-chlor		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			
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		25.	U	25.	U	25.	U			
91-58-7	2-Chloronaphthalene		10.	U	10.	U	10.	U			
88-74-4	2-Nitroaniline		25.	U	25.	U	25.	U			
131-11-3	Dimethylphthalate		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		25.	U	25.	U	25.	U			
83-32-9	Acenaphthene		10.	U	10.	U	10.	U			
51-28-5	2,4-Dinitrophenol		25.	U	25.	U	25.	U			
100-02-7	4-Nitrophenol		25.	U	25.	U	25.	U			
132-64-9	Dibenzofuran		10.	U	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

SVOA										
	SAMPLE ID ------->	001-W-0003-01		001-W-0003-02		001-W-0003-03				
	ORIGINAL ID ----->	01W0301		01W0302		01W0303				
	LAB SAMPLE ID --->	621827		621829		621833				
	ID FROM REPORT -->	01W0301		01W0302		01W0303				
	SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94				
	DATE EXTRACTED -->	06/30/94		06/30/94		06/30/94				
	DATE ANALYZED --->	07/05/94		07/05/94		07/05/94				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	00001	VAL	00001	VAL	00001	VAL			
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-Chlorophenylphenyl ether	10.	U	10.	U	10.	U			
86-73-7	Fluorene	10.	U	10.	U	10.	U			
100-01-6	4-Nitroaniline	25.	U	25.	U	25.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	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	25.	U	25.	U	25.	U			
85-01-8	Phenanthrene	10.	U	10.	U	10.	U			
120-12-7	Anthracene	10.	U	10.	U	10.	U			
86-74-8	Carbazole	10.	U	10.	U	10.	U			
84-74-2	Di-n-butylphthalate	10.	U	10.	U	10.	U			
206-44-0	Fluoranthene	10.	U	10.	U	10.	U			
129-00-0	Pyrene	10.	U	10.	U	10.	U			
85-68-7	Butylbenzylphthalate	10.	U	10.	U	10.	U			
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	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)	3.	U	6.	U	4.	U			
117-84-0	Di-n-octylphthalate	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 ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 3 Phase II Surface Water Data

VOA											
		SAMPLE ID ------->	001-W-0003-01		001-W-0003-02		001-W-0003-03				
		ORIGINAL ID ----->	01W0301		01W0302		01W0303				
		LAB SAMPLE ID --->	621827		621829		621833				
		ID FROM REPORT -->	01W0301		01W0302		01W0303				
		SAMPLE DATE ----->	06/28/94		06/28/94		06/28/94				
		DATE ANALYZED --->	07/05/94		07/05/94		07/05/94				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		00001	VAL	00001	VAL	00001	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		10.	U	10.	U	10.	U			
67-64-1	Acetone		10.	U	10.	U	10.	U			
75-15-0	Carbon disulfide		10.	U	10.	U	10.	U			
75-35-4	1,1-Dichloroethene		10.	U	10.	U	10.	U			
75-34-3	1,1-Dichloroethane		10.	U	10.	U	10.	U			
540-59-0	1,2-Dichloroethene (total)		10.	U	10.	U	10.	U			
67-66-3	Chloroform		10.	U	10.	U	10.	U			
107-06-2	1,2-Dichloroethane		10.	U	10.	U	10.	U			
78-93-3	2-Butanone (MEK)		10.	U	10.	U	10.	U			
71-55-6	1,1,1-Trichloroethane		10.	U	10.	U	10.	U			
56-23-5	Carbon tetrachloride		10.	U	10.	U	10.	U			
75-27-4	Bromodichloromethane		10.	U	10.	U	10.	U			
78-87-5	1,2-Dichloropropane		10.	U	10.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene		10.	U	10.	U	10.	U			
79-01-6	Trichloroethene		10.	U	10.	U	10.	U			
124-48-1	Dibromochloromethane		10.	U	10.	U	10.	U			
79-00-5	1,1,2-Trichloroethane		10.	U	10.	U	10.	U			
71-43-2	Benzene		2.	J	1.	J	10.	U			
10061-02-6	trans-1,3-Dichloropropene		10.	U	10.	U	10.	U			
75-25-2	Bromoform		10.	U	10.	U	10.	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		10.	U	10.	U	10.	U			
79-34-5	1,1,2,2-Tetrachloroethane		10.	U	10.	U	10.	U			
108-88-3	Toluene		10.	U	10.	U	10.	U			
108-90-7	Chlorobenzene		6.	J	7.	J	10.	U			
100-41-4	Ethylbenzene		10.	U	10.	U	10.	U			
100-42-5	Styrene		10.	U	10.	U	10.	U			
1330-20-7	Xylene (Total)		10.	U	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-04D1-01	041-W-04D4-01				
	ORIGINAL ID ----->	041W04D101	041W04D401				
	LAB SAMPLE ID --->	960025-07	960025-08				
	ID FROM REPORT -->	041W04D101	041W04D401				
	SAMPLE DATE ----->	01/15/96	01/15/96				
	DATE EXTRACTED -->	02/03/96	02/03/96				
	DATE ANALYZED --->	02/05/96	02/05/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	%	%				
CAS #	Parameter	EM005 VAL	EM005 VAL				
9999000-58-8	Percent Solids	NR	NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-04D1-01	041-W-04D4-01				
	ORIGINAL ID ----->	041W04D101	041W04D401				
	LAB SAMPLE ID --->	960025-07	960025-08				
	ID FROM REPORT -->	041W04D101	041W04D401				
	SAMPLE DATE ----->	01/15/96	01/15/96				
	DATE EXTRACTED -->	02/05/96	02/05/96				
	DATE ANALYZED --->	02/03/96	02/03/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	EM005 VAL	EM005 VAL				
9999900-03-3	Hardness as CaCO3	344.	735.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01					
	ORIGINAL ID ----->	041W04D101		041W04D401					
	LAB SAMPLE ID --->	960025-07		960025-08					
	ID FROM REPORT -->	041W04D101		041W04D401					
	SAMPLE DATE ----->	01/15/96		01/15/96					
	DATE EXTRACTED -->	01/18/96		01/18/96					
	DATE ANALYZED --->	01/30/96		01/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM005	VAL	EM005	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	UJ	5.	UJ				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01					
	ORIGINAL ID ----->	041W04D101		041W04D401					
	LAB SAMPLE ID --->	960025-07		960025-08					
	ID FROM REPORT -->	041W04D101		041W04D401					
	SAMPLE DATE ----->	01/15/96		01/15/96					
	DATE EXTRACTED -->	01/18/96		01/18/96					
	DATE ANALYZED --->	01/30/96		01/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM005	VAL	EM005	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

LOWVOA

	SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01					
	ORIGINAL ID ----->	041W04D101		041W04D401					
	LAB SAMPLE ID --->	960025-07		960025-08					
	ID FROM REPORT -->	041W04D101		041W04D401					
	SAMPLE DATE ----->	01/15/96		01/15/96					
	DATE ANALYZED --->	01/18/96		01/18/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM005	VAL	EM005	VAL				
74-87-3	Chloromethane	1.	U	1.	U				
74-83-9	Bromomethane	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
75-09-2	Methylene chloride	2.	U	87.	D				
67-64-1	Acetone	12.	UR	4.	UR				
75-15-0	Carbon disulfide	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
591-78-6	2-Hexanone	5.	U	5.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01				
	ORIGINAL ID ----->	041W04D101		041W04D401				
	LAB SAMPLE ID --->	960025-07		960025-08				
	ID FROM REPORT -->	041W04D101		041W04D401				
	SAMPLE DATE ----->	01/15/96		01/15/96				
	DATE ANALYZED --->	01/18/96		01/18/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EM005	VAL	EM005	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

METAL											
		SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01						
		ORIGINAL ID ----->	041W04D101		041W04D401						
		LAB SAMPLE ID --->	960025-07		960025-08						
		ID FROM REPORT -->	041W04D101		041W04D401						
		SAMPLE DATE ----->	01/15/96		01/15/96						
		DATE EXTRACTED -->	01/20/96		01/20/96						
		DATE ANALYZED --->	01/22/96		01/22/96						
		MATRIX ---------->	Water		Water						
		UNITS ---------->	UG/L		UG/L						
CAS #	Parameter		EM005	VAL	EM005	VAL					
7429-90-5	Aluminum		69.5	U	112.	U					
7440-36-0	Antimony		2.	UJ	2.	UJ					
7440-38-2	Arsenic		2.	U	2.	U					
7440-39-3	Barium		13.9	U	12.8	U					
7440-41-7	Beryllium		1.	U	1.	U					
7440-43-9	Cadmium		2.	U	2.	U					
7440-70-2	Calcium		32600.		55000.						
7440-47-3	Chromium		5.	U	5.	U					
7440-48-4	Cobalt		2.	U	2.	U					
7440-50-8	Copper		4.	U	4.	U					
7439-89-6	Iron		1580.		695.						
7439-92-1	Lead		2.	U	2.	U					
7439-95-4	Magnesium		63700.		145000.						
7439-96-5	Manganese		36.4		22.6						
7439-97-6	Mercury		0.13	U	0.13	U					
7440-02-0	Nickel		9.	U	9.	U					
7440-09-7	Potassium		21500.		45900.						
7782-49-2	Selenium		4.	U	4.	U					
7440-22-4	Silver		5.	U	5.	U					
7440-23-5	Sodium		686000.		1270000.						
7440-28-0	Thallium		4.	U	11.						
7440-62-2	Vanadium		2.	U	2.	U					
7440-66-6	Zinc		4.	U	4.	U					
57-12-5	Cyanide (CN)		5.	U	5.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 4D Phase II Surface Water Data

PEST													
		SAMPLE ID ------->	041-W-04D1-01		041-W-04D4-01								
		ORIGINAL ID ----->	041W04D101		041W04D401								
		LAB SAMPLE ID --->	960025-07		960025-08								
		ID FROM REPORT -->	041W04D101		041W04D401								
		SAMPLE DATE ----->	01/15/96		01/15/96								
		DATE EXTRACTED -->	01/18/96		01/18/96								
		DATE ANALYZED --->	02/04/96		02/04/96								
		MATRIX ---------->	Water		Water								
		UNITS ---------->	UG/L		UG/L								
CAS #	Parameter		EM005	VAL	EM005	VAL							
319-84-6	alpha-BHC		0.05	UJ	0.05	UJ							
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							
72-43-5	Methoxychlor		0.5	U	0.5	U							
53494-70-5	Endrin ketone		0.1	U	0.1	U							
7421-93-4	Endrin aldehyde		0.1	U	0.1	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							

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

% SOLID													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	12/20/95		12/20/95		12/20/95		01/04/96		12/27/96		12/20/95	
	DATE ANALYZED --->	12/27/95		12/27/95		12/27/95		01/05/96		12/27/95		12/27/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	%		%		%		%		%		%	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
9999000-58-8	Percent Solids	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

HARDNESS	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	01/04/95		01/04/95		01/04/95		01/06/96		01/03/96		01/04/95	
	DATE ANALYZED --->	12/20/95		12/20/95		12/20/95		01/04/96		12/27/96		12/20/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L		MG/L		MG/L		MG/L		mg/l		MG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
9999900-03-3	Hardness as CaCO3	69.2		37.		41.4		99.		22.2		47.1	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

LOWSVOA													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95		11/29/95		11/21/95		11/18/95	
	DATE ANALYZED --->	12/05/95		11/30/95		12/05/95		12/06/95		12/18/95		12/05/95	
	MATRIX ---------->	Soil		Soil		Soil		Water		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
108-95-2	Phenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
95-57-8	2-Chlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-72-1	Hexachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
98-95-3	Nitrobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-59-1	Isophorone	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
105-67-9	2,4-Dimethylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
120-83-2	2,4-Dichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-20-3	Naphthalene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-57-6	2-Methylnaphthalene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
91-58-7	2-Chloronaphthalene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
88-74-4	2-Nitroaniline	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
131-11-3	Dimethylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
208-96-8	Acenaphthylene	1.	U	1.	U	5.	U	1.	U	1.	U	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99-09-2	3-Nitroaniline	20.	U	20.	U	20.	U	20.	UJ	20.	U	20.	U
83-32-9	Acenaphthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
51-28-5	2,4-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
100-02-7	4-Nitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
132-64-9	Dibenzofuran	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
84-66-2	Diethylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

LOWSVOA													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95		11/29/95		11/21/95		11/18/95	
	DATE ANALYZED --->	12/05/95		11/30/95		12/05/95		12/06/95		12/18/95		12/05/95	
	MATRIX ---------->	Soil		Soil		Soil		Water		Water		Water	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
86-73-7	Fluorene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
100-01-6	4-Nitroaniline	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
87-86-5	Pentachlorophenol	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
85-01-8	Phenanthrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
120-12-7	Anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
84-74-2	Di-n-butylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
206-44-0	Fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
129-00-0	Pyrene	1.	U	11.	U	1.	U	1.	U	1.	U	1.	U
85-68-7	Butylbenzylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
218-01-9	Chrysene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	2.	J	5.	U	5.		3.	J	2.	J	5.	U
117-84-0	Di-n-octylphthalate	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
541-73-1	1,3-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
106-46-7	1,4-Dichlorobenzene	NR		NR		NR		NR		NR		NR	
95-50-1	1,2-Dichlorobenzene	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

LOWVOA													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE ANALYZED --->	11/21/95		11/21/95		11/21/95		11/30/95		11/22/95		11/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
74-87-3	Chloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-83-9	Bromomethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-00-3	Chloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-09-2	Methylene chloride	7.	U	6.	U	7.	U	7.	U	6.	U	5.	U
67-64-1	Acetone	5.	UR	9.	UR	8.	UR	14.	UR	9.	J	6.	UR
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-34-3	1,1-Dichloroethane	1.		1.	U	1.	U	1.	U	1.	U	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.		1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
67-66-3	Chloroform	1.	U	1.	U	1.	U	1.	U	1.		1.	U
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR	5.	UR	5.	UR	5.	UR	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U	1.	U	2.		1.	U
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
79-01-6	Trichloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U	1.	U	2.		1.	U
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
71-43-2	Benzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
75-25-2	Bromoform	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	5.	U	5.	U	5.	U	5.	U	5.	UJ	5.	U
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-88-3	Toluene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
100-42-5	Styrene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

LOWVOA													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE ANALYZED --->	11/21/95		11/21/95		11/21/95		11/30/95		11/22/95		11/21/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
74-97-5	Bromochloromethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

METAL	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	12/20/95		12/20/95		12/20/95		01/04/96		12/27/96		12/20/95	
	DATE ANALYZED --->	12/27/95		12/27/95		12/27/95		01/05/96		12/27/95		12/27/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	VAL
7429-90-5	Aluminum	259.		945.		621.		206.		140.	U	153.	J
7440-36-0	Antimony	2.	UJ	2.	UJ	2.	UJ	3.1	J	2.	U	2.	UJ
7440-38-2	Arsenic	2.	U	2.	U	2.	U	2.	U	2.	UJ	2.	U
7440-39-3	Barium	41.4	J	13.6	J	17.4	J	31.2	J	28.3	J	27.8	J
7440-41-7	Beryllium	1.	U	1.	U	1.	U	1.	UJ	1.	U	1.	U
7440-43-9	Cadmium	3.	U	3.2	J	3.	U	3.	U	3.	U	3.	U
7440-70-2	Calcium	22000.		10600.		12000.		28600.		5460.		15200.	
7440-47-3	Chromium	8.	U	8.	U	8.	U	11.4		8.	UJ	8.	U
7440-48-4	Cobalt	3.		3.	UJ	3.	UJ	3.	U	3.	U	3.	UJ
7440-50-8	Copper	10.8	U	4.4	U	18.5	U	19.6	J	7.2	J	21.3	J
7439-89-6	Iron	1350.	J	1150.	J	1170.	J	1710.		357.		950.	J
7439-92-1	Lead	13.3	J	10.5	J	20.3	J	10.		1.4	U	2.8	J
7439-95-4	Magnesium	3470.	J	2590.	J	2750.	J	6710.		2090.	J	2200.	J
7439-96-5	Manganese	80.		28.8		60.9		50.1		20.5		51.1	
7439-97-6	Mercury	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
7440-02-0	Nickel	12.	U	12.	U	12.	U	12.	U	12.	U	12.	U
7440-09-7	Potassium	3680.	J	2130.	J	2010.	J	5580.		1050.	J	1540.	J
7782-49-2	Selenium	3.	U	3.	U	3.	U	3.	U	3.	U	3.	U
7440-22-4	Silver	4.	U	4.	U	4.	U	4.	U	4.	UJ	4.	U
7440-23-5	Sodium	11300.		7710.		9220.		21300.		13500.		10400.	
7440-28-0	Thallium	3.5	J	3.	U	3.	U	3.	U	3.	U	3.	U
7440-62-2	Vanadium	2.	U	3.	U	2.3	U	2.	U	4.8	J	3.4	U
7440-66-6	Zinc	99.4		27.2	U	45.7	U	55.8		236.		102.	
57-12-5	Cyanide (CN)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5A Phase II Surface Water Data

PEST													
	SAMPLE ID ------->	041-W-5A01-01		041-W-5A02-01		041-W-5A04-01		041-W-5A05-01		041-W-5A06-01		041-W-5A07-01	
	ORIGINAL ID ----->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	LAB SAMPLE ID --->	950950-07		950950-08		950950-09		950979-06		950952-14		950950-10	
	ID FROM REPORT -->	041W5A0101		041W5A0201		041W5A0401		041W5A0501		041W5A0601		041W5A0701	
	SAMPLE DATE ----->	11/16/95		11/16/95		11/16/95		11/27/95		11/17/95		11/16/95	
	DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95		11/29/95		11/20/95		11/18/95	
	DATE ANALYZED --->	12/16/95		12/16/95		12/17/95		01/04/96		12/18/95		12/17/95	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	5A0101	VAL	5A0101	VAL	5A0101	VAL	041M10	VAL	Z42101	VAL	5A0101	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	0.05	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	0.029	J	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	0.1	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
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	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

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-5B02-01					
	ORIGINAL ID ----->	041W5B0201					
	LAB SAMPLE ID --->	950952-15					
	ID FROM REPORT -->	041W5B0201					
	SAMPLE DATE ----->	11/17/95					
	DATE EXTRACTED -->	12/27/96					
	DATE ANALYZED --->	12/27/95					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	Z42101	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-5B02-01					
	ORIGINAL ID ----->	041W5B0201					
	LAB SAMPLE ID --->	950952-15					
	ID FROM REPORT -->	041W5B0201					
	SAMPLE DATE ----->	11/17/95					
	DATE EXTRACTED -->	01/03/96					
	DATE ANALYZED --->	12/27/96					
	MATRIX ---------->	Water					
	UNITS ---------->	mg/l					
CAS #	Parameter	Z42101 VAL					
9999900-03-3	Hardness as CaCO3	52.3					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

LOWSVOA

SAMPLE ID -------> 041-W-5B02-01
ORIGINAL ID -----> 041W5B0201
LAB SAMPLE ID ---> 950952-15
ID FROM REPORT --> 041W5B0201
SAMPLE DATE -----> 11/17/95
DATE EXTRACTED --> 11/21/95
DATE ANALYZED ---> 12/18/95
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	Z42101	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	1.	J
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	1.	J
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	1.	J
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-5B02-01
ORIGINAL ID ----->	041W5B0201
LAB SAMPLE ID --->	950952-15
ID FROM REPORT -->	041W5B0201
SAMPLE DATE ----->	11/17/95
DATE EXTRACTED -->	11/21/95
DATE ANALYZED --->	12/18/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z42101	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	2.	
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	2.	J
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5B02-01
ORIGINAL ID ----->	041W5B0201
LAB SAMPLE ID --->	950952-15
ID FROM REPORT -->	041W5B0201
SAMPLE DATE ----->	11/17/95
DATE ANALYZED --->	11/22/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z42101	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	6.	
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	8.	U
67-64-1	Acetone	8.	J
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	3.	
156-59-2	cis-1,2-Dichloroethene	54.	UR
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	10.	
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	UJ
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5B02-01
ORIGINAL ID ----->	041W5B0201
LAB SAMPLE ID --->	950952-15
ID FROM REPORT -->	041W5B0201
SAMPLE DATE ----->	11/17/95
DATE ANALYZED --->	11/22/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z42101	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

METAL

SAMPLE ID -------> 041-W-5B02-01
ORIGINAL ID -----> 041W5B0201
LAB SAMPLE ID ---> 950952-15
ID FROM REPORT --> 041W5B0201
SAMPLE DATE -----> 11/17/95
DATE EXTRACTED --> 12/27/96
DATE ANALYZED ---> 12/27/95
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	Z42101	VAL
7429-90-5	Aluminum	2060.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.	UJ
7440-39-3	Barium	27.8	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	19.	
7440-70-2	Calcium	15600.	
7440-47-3	Chromium	40.8	J
7440-48-4	Cobalt	3.9	J
7440-50-8	Copper	52.7	
7439-89-6	Iron	2890.	
7439-92-1	Lead	94.1	
7439-95-4	Magnesium	3250.	J
7439-96-5	Manganese	109.	
7439-97-6	Mercury	0.14	J
7440-02-0	Nickel	26.2	U
7440-09-7	Potassium	2160.	J
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	UJ
7440-23-5	Sodium	12600.	
7440-28-0	Thallium	3.	U
7440-62-2	Vanadium	5.2	J
7440-66-6	Zinc	189.	
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 5B Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-5B02-01
ORIGINAL ID ----->	041W5B0201
LAB SAMPLE ID --->	950952-15
ID FROM REPORT -->	041W5B0201
SAMPLE DATE ----->	11/17/95
DATE EXTRACTED -->	11/20/95
DATE ANALYZED --->	12/18/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z42101	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01				
	ORIGINAL ID ----->	041W060301		041W060701		041W061001				
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25				
	ID FROM REPORT -->	041W060301		041W060701		041W061001				
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95				
	DATE EXTRACTED -->	12/10/95		12/10/95		12/20/95				
	DATE ANALYZED --->	12/11/95		12/11/95		12/27/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	%		%		%				
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL			
9999000-58-8	Percent Solids	NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

HARDNESS	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01				
	ORIGINAL ID ----->	041W060301		041W060701		041W061001				
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25				
	ID FROM REPORT -->	041W060301		041W060701		041W061001				
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95				
	DATE EXTRACTED -->	12/12/95		12/12/95		01/04/95				
	DATE ANALYZED --->	12/10/95		12/10/95		12/20/95				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	mg/L		mg/L		MG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL			
9999900-03-3	Hardness as CaCO3	53.5		75.9		57.8				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

LOWSVOA

	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01							
	ORIGINAL ID ---->	041W060301		041W060701		041W061001							
	LAB SAMPLE ID -->	950940-19		950940-07		950950-25							
	ID FROM REPORT -->	041W060301		041W060701		041W061001							
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95							
	DATE EXTRACTED -->	11/19/95		11/17/95		11/18/95							
	DATE ANALYZED --->	12/04/95		11/30/95		12/05/95							
	MATRIX --------->	Water		Water		Water							
	UNITS ---------->	UG/L		UG/L		UG/L							
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL						
108-95-2	Phenol	5.	U	5.	U	5.	U						
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1.	U						
95-57-8	2-Chlorophenol	5.	U	5.	U	5.	U						
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U						
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U	5.	U						
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U						
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U						
67-72-1	Hexachloroethane	5.	U	5.	U	5.	U						
98-95-3	Nitrobenzene	5.	U	5.	U	5.	U						
78-59-1	Isophorone	5.	U	5.	U	5.	U						
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U						
105-67-9	2,4-Dimethylphenol	5.	U	5.	U	5.	U						
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U						
120-83-2	2,4-Dichlorophenol	5.	U	5.	U	5.	U						
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U						
91-20-3	Naphthalene	1.	U	1.	U	1.	U						
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U						
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U						
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U						
91-57-6	2-Methylnaphthalene	1.	U	1.	U	1.	U						
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U	5.	U						
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U						
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U						
91-58-7	2-Chloronaphthalene	5.	U	5.	U	5.	U						
88-74-4	2-Nitroaniline	5.	U	5.	U	5.	U						
131-11-3	Dimethylphthalate	5.	U	5.	U	5.	U						
208-96-8	Acenaphthylene	1.	U	1.	U	1.	U						
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U	5.	U						
99-09-2	3-Nitroaniline	20.	U	20.	U	20.	U						
83-32-9	Acenaphthene	1.	U	1.	U	1.	U						
51-28-5	2,4-Dinitrophenol	20.	U	20.	U	20.	U						
100-02-7	4-Nitrophenol	20.	UJ	20.	U	20.	U						
132-64-9	Dibenzofuran	5.	U	5.	U	5.	U						
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U	5.	U						
84-66-2	Diethylphthalate	5.	U	5.	U	5.	U						
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U	5.	U						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

LOWSVOA											
	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01					
	ORIGINAL ID ----->	041W060301		041W060701		041W061001					
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25					
	ID FROM REPORT -->	041W060301		041W060701		041W061001					
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95					
	DATE EXTRACTED -->	11/19/95		11/17/95		11/18/95					
	DATE ANALYZED --->	12/04/95		11/30/95		12/05/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL				
86-73-7	Fluorene	1.	U	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U	3.	J				
117-84-0	Di-n-octylphthalate	5.	U	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

LOWVOA											
	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01					
	ORIGINAL ID ----->	041W060301		041W060701		041W061001					
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25					
	ID FROM REPORT -->	041W060301		041W060701		041W061001					
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95					
	DATE ANALYZED --->	11/18/95		11/17/95		11/21/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL				
74-87-3	Chloromethane	1.	U	1.	U	1.	U				
74-83-9	Bromomethane	1.	U	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U	1.	U				
75-09-2	Methylene chloride	1.	UJ	13.		7.	U				
67-64-1	Acetone	5.	UR	17.	U	15.	UR				
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U	8.					
75-34-3	1,1-Dichloroethane	1.	U	1.	U	5.					
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U	2.					
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	UR	5.	U	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	5.					
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U	1.					
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U				
591-78-6	2-Hexanone	5.	U	5.	U	5.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

LOWVOA											
	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01					
	ORIGINAL ID ----->	041W060301		041W060701		041W061001					
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25					
	ID FROM REPORT -->	041W060301		041W060701		041W061001					
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95					
	DATE ANALYZED --->	11/18/95		11/17/95		11/21/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL				
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U	1.	U				
74-97-5	Bromochloromethane	1.	U	1.	U	1.	U				
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

METAL													
		SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01						
		ORIGINAL ID ----->	041W060301		041W060701		041W061001						
		LAB SAMPLE ID --->	950940-19		950940-07		950950-25						
		ID FROM REPORT -->	041W060301		041W060701		041W061001						
		SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95						
		DATE EXTRACTED -->	12/10/95		12/10/95		12/20/95						
		DATE ANALYZED --->	12/11/95		12/11/95		12/27/95						
		MATRIX ---------->	Water		Water		Water						
		UNITS ---------->	UG/L		UG/L		UG/L						
CAS #	Parameter		M06070	VAL	M06070	VAL	5A0101	VAL					
7429-90-5	Aluminum		191.	U	406.		287.						
7440-36-0	Antimony		2.	UJ	2.	UJ	2.	UJ					
7440-38-2	Arsenic		2.	U	2.	U	2.	U					
7440-39-3	Barium		11.6	U	15.9	J	30.5	J					
7440-41-7	Beryllium		1.	U	1.	U	1.	U					
7440-43-9	Cadmium		3.	U	3.	U	3.	U					
7440-70-2	Calcium		18300.		24700.		19100.						
7440-47-3	Chromium		8.	U	8.	U	8.	U					
7440-48-4	Cobalt		3.	U	3.	U	3.	UJ					
7440-50-8	Copper		4.	U	4.	U	8.	U					
7439-89-6	Iron		334.		376.		870.	J					
7439-92-1	Lead		1.	U	1.2	J	3.1	J					
7439-95-4	Magnesium		1910.	J	3480.	J	2440.	J					
7439-96-5	Manganese		19.5		33.4		55.7						
7439-97-6	Mercury		0.13	U	0.13	U	0.88						
7440-02-0	Nickel		12.	U	12.	U	12.	U					
7440-09-7	Potassium		1520.	J	3050.	J	1920.	J					
7782-49-2	Selenium		3.	U	3.	U	3.	U					
7440-22-4	Silver		4.	U	4.	U	4.	U					
7440-23-5	Sodium		13800.		10300.		11800.						
7440-28-0	Thallium		3.	U	3.3	J	3.	U					
7440-62-2	Vanadium		2.1	J	2.3	J	3.8	U					
7440-66-6	Zinc		11.3	U	10.8	U	38.7	U					
57-12-5	Cyanide (CN)		5.	U	5.	U	5.6	J					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 6 Phase II Surface Water Data

PEST											
	SAMPLE ID ------->	041-W-0603-01		041-W-0607-01		041-W-0610-01					
	ORIGINAL ID ----->	041W060301		041W060701		041W061001					
	LAB SAMPLE ID --->	950940-19		950940-07		950950-25					
	ID FROM REPORT -->	041W060301		041W060701		041W061001					
	SAMPLE DATE ----->	11/15/95		11/14/95		11/16/95					
	DATE EXTRACTED -->	11/18/95		11/16/95		11/18/95					
	DATE ANALYZED --->	12/05/95		12/04/95		12/17/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL	5A0101	VAL				
319-84-6	alpha-BHC	0.05	U	0.05	UJ	0.05	U				
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U				
319-86-8	delta-BHC	0.05	U	0.05	UJ	0.05	U				
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U				
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U				
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U				
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U				
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U				
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U				
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U				
72-20-8	Endrin	0.1	U	0.1	U	0.1	U				
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U				
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U				
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U				
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U				
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U				
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U				
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U				
8001-35-2	Toxaphene	5.	U	5.	U	5.	U				
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U				
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U				
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U				
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U				
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U				
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U				
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

METAL											
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02			
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002			
	LAB SAMPLE ID --->	533167		533170		533171		533172			
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002			
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	652353	VAL	652353	VAL	652353	VAL	652353	VAL		
7429-90-5	Aluminum	1280.		953.		696.		737.			
7440-36-0	Antimony	57.	U	57.	U	57.	U	57.	U		
7440-38-2	Arsenic	3.	U	3.	U	3.	U	3.	U		
7440-39-3	Barium	16.1	J	13.4	J	12.1	J	11.9	J		
7440-41-7	Beryllium	3.	U	3.	U	3.	U	3.	U		
7440-43-9	Cadmium	5.2		5.	U	5.	U	5.	U		
7440-70-2	Calcium	12900.		14500.		13900.		13000.			
7440-47-3	Chromium	10.	U	10.8		10.	U	10.	U		
7440-48-4	Cobalt	12.	U	12.	U	12.	U	12.	U		
7440-50-8	Copper	25.	U	25.	U	25.	U	25.	U		
7439-89-6	Iron	5110.		1090.		808.		808.			
7439-92-1	Lead	2.4	J	2.	U	2.	U	2.	U		
7439-95-4	Magnesium	2950.	J	5470.		5160.		4810.	J		
7439-96-5	Manganese	280.		38.6		19.3		11.3	J		
7439-97-6	Mercury	0.2	U	0.2	U	0.2	U	0.2	U		
7440-02-0	Nickel	38.	U	38.	U	38.	U	38.	U		
7440-09-7	Potassium	3950.	U	3950.	U	3950.	U	3950.	U		
7782-49-2	Selenium	3.	U	3.	U	3.	U	3.	U		
7440-22-4	Silver	10.	U	10.	U	10.	U	10.	U		
7440-23-5	Sodium	5050.		24500.		21700.		20300.			
7440-28-0	Thallium	3.	U	3.	U	3.	U	3.	U		
7440-62-2	Vanadium	15.	U	15.	U	15.	U	15.	U		
7440-66-6	Zinc	37.1		39.2		38.9		29.			
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

METAL											
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02			
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002			
	LAB SAMPLE ID --->	533167		533170		533171		533172			
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002			
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	652353	VAL	652353	VAL	652353	VAL	652353	VAL		
7429-90-5	Aluminum	1280.		953.		696.		737.			
7440-36-0	Antimony	57.	U	57.	U	57.	U	57.	U		
7440-38-2	Arsenic	3.	U	3.	U	3.	U	3.	U		
7440-39-3	Barium	16.1	J	13.4	J	12.1	J	11.9	J		
7440-41-7	Beryllium	3.	U	3.	U	3.	U	3.	U		
7440-43-9	Cadmium	5.2		5.	U	5.	U	5.	U		
7440-70-2	Calcium	12900.		14500.		13900.		13000.			
7440-47-3	Chromium	10.	U	10.8		10.	U	10.	U		
7440-48-4	Cobalt	12.	U	12.	U	12.	U	12.	U		
7440-50-8	Copper	25.	U	25.	U	25.	U	25.	U		
7439-89-6	Iron	5110.		1090.		808.		808.			
7439-92-1	Lead	2.4	J	2.	U	2.	U	2.	U		
7439-95-4	Magnesium	2950.	J	5470.		5160.		4810.	J		
7439-96-5	Manganese	280.		38.6		19.3		11.3	J		
7439-97-6	Mercury	0.2	U	0.2	U	0.2	U	0.2	U		
7440-02-0	Nickel	38.	U	38.	U	38.	U	38.	U		
7440-09-7	Potassium	3950.	U	3950.	U	3950.	U	3950.	U		
7782-49-2	Selenium	3.	U	3.	U	3.	U	3.	U		
7440-22-4	Silver	10.	U	10.	U	10.	U	10.	U		
7440-23-5	Sodium	5050.		24500.		21700.		20300.			
7440-28-0	Thallium	3.	U	3.	U	3.	U	3.	U		
7440-62-2	Vanadium	15.	U	15.	U	15.	U	15.	U		
7440-66-6	Zinc	37.1		39.2		38.9		29.			
57-12-5	Cyanide (CN)	10.	U	10.	U	10.	U	10.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

PEST											
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02			
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002			
	LAB SAMPLE ID --->	533140		533144		533147		533149			
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002			
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93			
	DATE ANALYZED --->	01/27/93		01/27/93		01/27/93		01/27/93			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	549	VAL	549	VAL	549	VAL	549	VAL		
319-84-6	alpha-BHC	0.05	U	0.0043	J	0.0027	J	0.05	U		
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U	0.05	U		
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U		
76-44-8	Heptachlor	0.0014	J	0.05	U	0.05	U	0.05	U		
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U	0.05	U		
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.0013	J	0.05	U		
959-98-8	Endosulfan I	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		
72-55-9	4,4'-DDE	0.0021	J	0.014	J	0.045	J	0.011	J		
72-20-8	Endrin	0.1	U	0.1	U	0.1	U	0.1	U		
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U	0.1	U		
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.11	J	0.041	J		
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U	0.1	U		
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.047	J	0.008	J		
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U	0.5	U		
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U	0.1	U		
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U	0.1	U		
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.0013	J	0.05	U		
5103-74-2	gamma-Chlordane	0.0034	J	0.05	U	0.05	U	0.003	J		
8001-35-2	Toxaphene	5.	U	5.	U	5.	U	5.	U		
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U	1.	U		
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U	2.	U		
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U	1.	U		
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U	1.	U		
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U	1.	U		
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U	1.	U		
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U	1.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

SVOA									
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02	
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002	
	LAB SAMPLE ID --->	533140		533144		533147		533149	
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002	
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93	
	DATE ANALYZED --->	01/27/93		01/26/93		01/27/93		01/27/93	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	549	VAL	549	VAL	549	VAL	549	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U
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.	U
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
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.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	10.	U	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.	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.	U
105-67-9	2,4-Dimethylphenol	10.	U	10.	U	10.	U	10.	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.	U
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.	U
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.	U
95-95-4	2,4,5-Trichlorophenol	25.	U	25.	U	25.	U	25.	U
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U	10.	U
88-74-4	2-Nitroaniline	25.	U	25.	U	25.	U	25.	U
131-11-3	Dimethylphthalate	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	25.	U	25.	U	25.	U	25.	U
83-32-9	Acenaphthene	10.	U	10.	U	10.	U	10.	U
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U	25.	U
100-02-7	4-Nitrophenol	25.	U	25.	U	25.	U	25.	U
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

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

SVOA											
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02			
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002			
	LAB SAMPLE ID --->	533140		533144		533147		533149			
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002			
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93			
	DATE ANALYZED --->	01/27/93		01/26/93		01/27/93		01/27/93			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	549	VAL	549	VAL	549	VAL	549	VAL		
84-66-2	Diethylphthalate	10.	U	10.	U	1.	U	1.	U		
7005-72-3	4-Chlorophenylphenyl ether	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	25.	U	25.	U	25.	U	25.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U	25.	U	25.	U	25.	U		
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	25.	U	25.	U	25.	U	25.	U		
85-01-8	Phenanthrene	10.	U	10.	U	10.	U	10.	U		
120-12-7	Anthracene	10.	U	10.	U	10.	U	10.	U		
86-74-8	Carbazole	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	4.	U	4.	U	4.	U	4.	U		
91-94-1	3,3'-Dichlorobenzidine	10.	U	10.	U	10.	U	10.	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)	6.	U	6.	U	7.	U	1.	U		
117-84-0	Di-n-octylphthalate	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 ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 10 Phase II Surface Water Data

VOA									
	SAMPLE ID ------->	033-W-0010-02		033-W-0020-02		033-W-0030-02		033-W-0040-02	
	ORIGINAL ID ----->	33W01002		33W02002		33W03002		33W04002	
	LAB SAMPLE ID --->	533140		533144		533147		533149	
	ID FROM REPORT -->	33W01002		33W02002		33W03002		33W04002	
	SAMPLE DATE ----->	01/20/93		01/20/93		01/20/93		01/20/93	
	DATE ANALYZED --->	01/25/93		01/25/93		01/25/93		01/25/93	
	MATRIX ---------->	Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	549	VAL	549	VAL	549	VAL	549	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	11.	U	3.	U	14.	U	17.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U
75-15-0	Carbon disulfide	10.	U	10.	U	10.	U	10.	U
75-35-4	1,1-Dichloroethene	10.	U	10.	U	10.	U	10.	U
75-34-3	1,1-Dichloroethane	10.	U	10.	U	10.	U	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U	10.	U	10.	U	10.	U
67-66-3	Chloroform	10.	U	10.	U	10.	U	10.	U
107-06-2	1,2-Dichloroethane	10.	U	10.	U	10.	U	10.	U
78-93-3	2-Butanone (MEK)	69.	U	10.	U	10.	U	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U	10.	U	10.	U	10.	U
56-23-5	Carbon tetrachloride	10.	U	10.	U	10.	U	10.	U
75-27-4	Bromodichloromethane	10.	U	10.	U	10.	U	10.	U
78-87-5	1,2-Dichloropropane	10.	U	10.	U	10.	U	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
79-01-6	Trichloroethene	10.	U	10.	U	10.	U	10.	U
124-48-1	Dibromochloromethane	10.	U	10.	U	10.	U	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U	10.	U	10.	U	10.	U
71-43-2	Benzene	10.	U	10.	U	10.	U	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U	10.	U	10.	U	10.	U
75-25-2	Bromoform	10.	U	10.	U	10.	U	10.	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	10.	U	10.	U	10.	U	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	10.	U	2.	J	10.	U	10.	U
108-90-7	Chlorobenzene	10.	U	10.	U	10.	U	10.	U
100-41-4	Ethylbenzene	10.	U	10.	U	10.	U	10.	U
100-42-5	Styrene	10.	U	10.	U	10.	U	10.	U
1330-20-7	Xylene (Total)	1.	J	10.	U	2.	J	2.	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

% SOLID		SAMPLE ID ------->	041-W-1201-01					
		ORIGINAL ID ----->	041W120101					
		LAB SAMPLE ID --->	950983-11					
		ID FROM REPORT -->	041W120101					
		SAMPLE DATE ----->	11/28/95					
		DATE EXTRACTED -->	01/05/96					
		DATE ANALYZED --->	01/05/96					
		MATRIX ---------->	Water					
		UNITS ---------->	%					
CAS #	Parameter		Z53301 VAL					
9999000-58-8	Percent Solids		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1201-01					
	ORIGINAL ID ----->	041W120101					
	LAB SAMPLE ID --->	950983-11					
	ID FROM REPORT -->	041W120101					
	SAMPLE DATE ----->	11/28/95					
	DATE EXTRACTED -->	01/06/96					
	DATE ANALYZED --->	01/05/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	253301 VAL					
9999900-03-3	Hardness as CaCO3	216.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE EXTRACTED -->	11/29/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z53301	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE EXTRACTED -->	11/29/95
DATE ANALYZED --->	12/05/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z53301	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	1.	J
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE ANALYZED --->	11/30/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z53301	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	7.	U
67-64-1	Acetone	11.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE ANALYZED --->	11/30/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z53301	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE EXTRACTED -->	01/05/96
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z53301	VAL
7429-90-5	Aluminum	179.	U
7440-36-0	Antimony	2.	U
7440-38-2	Arsenic	2.	U
7440-39-3	Barium	8.	UJ
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	3.	U
7440-70-2	Calcium	23000.	
7440-47-3	Chromium	8.1	J
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	4.	UJ
7439-89-6	Iron	1150.	
7439-92-1	Lead	1.2	J
7439-95-4	Magnesium	38400.	
7439-96-5	Manganese	47.9	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	24100.	
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	U
7440-23-5	Sodium	541000.	
7440-28-0	Thallium	12.2	
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	7.8	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 12 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-1201-01
ORIGINAL ID ----->	041W120101
LAB SAMPLE ID --->	950983-11
ID FROM REPORT -->	041W120101
SAMPLE DATE ----->	11/28/95
DATE EXTRACTED -->	12/01/95
DATE ANALYZED --->	01/10/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	253301	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	UJ
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-1301-01					
	ORIGINAL ID ----->	041W130101					
	LAB SAMPLE ID --->	950979-05					
	ID FROM REPORT -->	041W130101					
	SAMPLE DATE ----->	11/27/95					
	DATE EXTRACTED -->	01/04/96					
	DATE ANALYZED --->	01/05/96					
	MATRIX ---------->	Water					
	UNITS ----------->	%					
CAS #	Parameter	041M10 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1301-01					
	ORIGINAL ID ----->	041W130101					
	LAB SAMPLE ID --->	950979-05					
	ID FROM REPORT -->	041W130101					
	SAMPLE DATE ----->	11/27/95					
	DATE EXTRACTED -->	01/06/96					
	DATE ANALYZED --->	01/04/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	041M10	VAL				
9999900-03-3	Hardness as CaCO3	271.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

LOWSVOA

SAMPLE ID -------> 041-W-1301-01
ORIGINAL ID -----> 041W130101
LAB SAMPLE ID ---> 950979-05
ID FROM REPORT --> 041W130101
SAMPLE DATE -----> 11/27/95
DATE EXTRACTED --> 12/14/95
DATE ANALYZED ---> 12/22/95
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	041M10	VAL
108-95-2	Phenol	5.	UJ
111-44-4	bis(2-Chloroethyl)ether	1.	UJ
95-57-8	2-Chlorophenol	5.	UJ
95-48-7	2-Methylphenol (o-Cresol)	5.	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	UJ
106-44-5	4-Methylphenol (p-Cresol)	5.	UJ
621-64-7	N-Nitroso-di-n-propylamine	5.	UJ
67-72-1	Hexachloroethane	5.	UJ
98-95-3	Nitrobenzene	5.	UJ
78-59-1	Isophorone	5.	UJ
88-75-5	2-Nitrophenol	5.	UJ
105-67-9	2,4-Dimethylphenol	5.	UJ
111-91-1	bis(2-Chloroethoxy)methane	5.	UJ
120-83-2	2,4-Dichlorophenol	5.	UJ
120-82-1	1,2,4-Trichlorobenzene	5.	UJ
91-20-3	Naphthalene	1.	UJ
106-47-8	4-Chloroaniline	5.	UJ
87-68-3	Hexachlorobutadiene	5.	UJ
59-50-7	4-Chloro-3-methylphenol	5.	UJ
91-57-6	2-Methylnaphthalene	1.	UJ
77-47-4	Hexachlorocyclopentadiene	5.	UJ
88-06-2	2,4,6-Trichlorophenol	5.	UJ
95-95-4	2,4,5-Trichlorophenol	20.	UJ
91-58-7	2-Chloronaphthalene	5.	UJ
88-74-4	2-Nitroaniline	5.	UJ
131-11-3	Dimethylphthalate	5.	UJ
208-96-8	Acenaphthylene	1.	UJ
606-20-2	2,6-Dinitrotoluene	5.	UJ
99-09-2	3-Nitroaniline	20.	UJ
83-32-9	Acenaphthene	1.	UJ
51-28-5	2,4-Dinitrophenol	20.	UJ
100-02-7	4-Nitrophenol	20.	UJ
132-64-9	Dibenzofuran	5.	UJ
121-14-2	2,4-Dinitrotoluene	5.	UJ
84-66-2	Diethylphthalate	5.	UJ
7005-72-3	4-Chlorophenylphenyl ether	5.	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1301-01
ORIGINAL ID ----->	041W130101
LAB SAMPLE ID --->	950979-05
ID FROM REPORT -->	041W130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	12/14/95
DATE ANALYZED --->	12/22/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	041M10	VAL
86-73-7	Fluorene	1.	UJ
100-01-6	4-Nitroaniline	20.	UJ
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	UJ
86-30-6	N-Nitrosodiphenylamine	5.	UJ
101-55-3	4-Bromophenyl-phenylether	5.	UJ
118-74-1	Hexachlorobenzene	1.	UJ
87-86-5	Pentachlorophenol	5.	UJ
85-01-8	Phenanthrene	1.	UJ
120-12-7	Anthracene	1.	UJ
84-74-2	Di-n-butylphthalate	5.	UJ
206-44-0	Fluoranthene	1.	UJ
129-00-0	Pyrene	1.	UJ
85-68-7	Butylbenzylphthalate	5.	UJ
91-94-1	3,3'-Dichlorobenzidine	5.	UJ
56-55-3	Benzo(a)anthracene	1.	UJ
218-01-9	Chrysene	1.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	UJ
117-84-0	Di-n-octylphthalate	5.	UJ
205-99-2	Benzo(b)fluoranthene	1.	UJ
207-08-9	Benzo(k)fluoranthene	1.	UJ
50-32-8	Benzo(a)pyrene	1.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	1.	UJ
53-70-3	Dibenz(a,h)anthracene	1.	UJ
191-24-2	Benzo(g,h,i)perylene	1.	UJ
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

LOWVOA

SAMPLE ID -------> 041-W-1301-01
ORIGINAL ID -----> 041W130101
LAB SAMPLE ID ---> 950979-05
ID FROM REPORT --> 041W130101
SAMPLE DATE -----> 11/27/95
DATE ANALYZED ---> 11/30/95
MATRIX ----------> Water
UNITS ----------> UG/L

CAS #	Parameter	041M10	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	15.	U
67-64-1	Acetone	11.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------>	041-W-1301-01
ORIGINAL ID ---->	041W130101
LAB SAMPLE ID --->	950979-05
ID FROM REPORT -->	041W130101
SAMPLE DATE ---->	11/27/95
DATE ANALYZED --->	11/30/95
MATRIX --------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	041M10	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-1301-01
ORIGINAL ID ----->	041W130101
LAB SAMPLE ID --->	950979-05
ID FROM REPORT -->	041W130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	01/04/96
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	041M10	VAL
7429-90-5	Aluminum	145000.	
7440-36-0	Antimony	2.8	J
7440-38-2	Arsenic	26.6	
7440-39-3	Barium	95.4	J
7440-41-7	Beryllium	4.4	J
7440-43-9	Cadmium	9.8	
7440-70-2	Calcium	47500.	
7440-47-3	Chromium	225.	
7440-48-4	Cobalt	7.8	J
7440-50-8	Copper	142.	
7439-89-6	Iron	36200.	
7439-92-1	Lead	1220.	
7439-95-4	Magnesium	37100.	
7439-96-5	Manganese	150.	
7439-97-6	Mercury	1.3	
7440-02-0	Nickel	47.2	
7440-09-7	Potassium	16600.	
7782-49-2	Selenium	13.6	
7440-22-4	Silver	4.	U
7440-23-5	Sodium	199000.	
7440-28-0	Thallium	3.	U
7440-62-2	Vanadium	324.	
7440-66-6	Zinc	536.	
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 13 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-1301-01
ORIGINAL ID ----->	041W130101
LAB SAMPLE ID --->	950979-05
ID FROM REPORT -->	041W130101
SAMPLE DATE ----->	11/27/95
DATE EXTRACTED -->	11/29/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	041M10	VAL
319-84-6	alpha-BHC	0.05	UR
319-85-7	beta-BHC	0.05	UR
319-86-8	delta-BHC	0.05	UR
58-89-9	gamma-BHC (Lindane)	0.05	UR
76-44-8	Heptachlor	0.05	UR
309-00-2	Aldrin	0.05	UR
1024-57-3	Heptachlor epoxide	0.05	UR
959-98-8	Endosulfan I	0.05	UR
60-57-1	Dieldrin	0.1	UR
72-55-9	4,4'-DDE	0.1	UR
72-20-8	Endrin	0.1	UR
33213-65-9	Endosulfan II	0.1	UR
72-54-8	4,4'-DDD	0.1	UR
1031-07-8	Endosulfan sulfate	0.1	UR
50-29-3	4,4'-DDT	0.1	UR
72-43-5	Methoxychlor	0.5	UR
53494-70-5	Endrin ketone	0.1	UR
7421-93-4	Endrin aldehyde	0.1	UR
5103-71-9	alpha-Chlordane	0.05	UR
5103-74-2	gamma-Chlordane	0.05	UR
8001-35-2	Toxaphene	5.	UR
12674-11-2	Aroclor-1016	1.	UR
11104-28-2	Aroclor-1221	2.	UR
11141-16-5	Aroclor-1232	1.	UR
53469-21-9	Aroclor-1242	1.	UR
12672-29-6	Aroclor-1248	1.	UR
11097-69-1	Aroclor-1254	1.	UR
11096-82-5	Aroclor-1260	1.	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-1501-01	041-W-1502-01				
	ORIGINAL ID ----->	041W150101	041W150201				
	LAB SAMPLE ID --->	951021-10	951021-11				
	ID FROM REPORT -->	041W150101	041W150201				
	SAMPLE DATE ----->	12/06/95	12/06/95				
	DATE EXTRACTED -->	01/16/96	01/16/96				
	DATE ANALYZED --->	01/18/96	01/18/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	%	%				
CAS #	Parameter	EM0050 VAL	EM0050 VAL				
9999000-58-8	Percent Solids	NR	NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1501-01	041-W-1502-01				
	ORIGINAL ID ----->	041W150101	041W150201				
	LAB SAMPLE ID --->	951021-10	951021-11				
	ID FROM REPORT -->	041W150101	041W150201				
	SAMPLE DATE ----->	12/06/95	12/06/95				
	DATE EXTRACTED -->	01/22/96	01/22/96				
	DATE ANALYZED --->	01/16/96	01/16/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	EM0050 VAL	EM0050 VAL				
9999900-03-3	Hardness as CaCO3	708.	360.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-1501-01		041-W-1502-01					
	ORIGINAL ID ----->	041W150101		041W150201					
	LAB SAMPLE ID --->	951021-10		951021-11					
	ID FROM REPORT -->	041W150101		041W150201					
	SAMPLE DATE ----->	12/06/95		12/06/95					
	DATE EXTRACTED -->	12/28/95		12/28/95					
	DATE ANALYZED --->	01/04/96		01/04/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM0050	VAL	EM0050	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

LOWSVOA								
	SAMPLE ID ------->	041-W-1501-01		041-W-1502-01				
	ORIGINAL ID ----->	041W150101		041W150201				
	LAB SAMPLE ID --->	951021-10		951021-11				
	ID FROM REPORT -->	041W150101		041W150201				
	SAMPLE DATE ----->	12/06/95		12/06/95				
	DATE EXTRACTED -->	12/28/95		12/28/95				
	DATE ANALYZED --->	01/04/96		01/04/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EM0050	VAL	EM0050	VAL			
86-73-7	Fluorene	1.	U	1.	U			
100-01-6	4-Nitroaniline	20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U			
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U			
118-74-1	Hexachlorobenzene	1.	U	1.	U			
87-86-5	Pentachlorophenol	5.	U	5.	U			
85-01-8	Phenanthrene	1.	U	1.	U			
120-12-7	Anthracene	1.	U	1.	U			
84-74-2	Di-n-butylphthalate	5.	U	5.	U			
206-44-0	Fluoranthene	1.	U	1.	U			
129-00-0	Pyrene	1.	U	1.	U			
85-68-7	Butylbenzylphthalate	5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U			
56-55-3	Benzo(a)anthracene	1.	U	1.	U			
218-01-9	Chrysene	1.	U	1.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	7.	U	5.	U			
117-84-0	Di-n-octylphthalate	5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U			
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U			
50-32-8	Benzo(a)pyrene	1.	U	1.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U			
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U			
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene	NR		NR				
106-46-7	1,4-Dichlorobenzene	NR		NR				
95-50-1	1,2-Dichlorobenzene	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

LOWVOA									
	SAMPLE ID ------->	041-W-1501-01		041-W-1502-01					
	ORIGINAL ID ----->	041W150101		041W150201					
	LAB SAMPLE ID --->	951021-10		951021-11					
	ID FROM REPORT -->	041W150101		041W150201					
	SAMPLE DATE ----->	12/06/95		12/06/95					
	DATE ANALYZED --->	12/11/95		12/16/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EM0050	VAL	EM0050	VAL				
74-87-3	Chloromethane	1.	U	1.	U				
74-83-9	Bromomethane	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
75-09-2	Methylene chloride	3.	U	9.	U				
67-64-1	Acetone	8.	UR	23.	UR				
75-15-0	Carbon disulfide	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	U	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
591-78-6	2-Hexanone	5.	U	5.	UR				
127-18-4	Tetrachloroethene	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-1501-01		041-W-1502-01				
	ORIGINAL ID ----->	041W150101		041W150201				
	LAB SAMPLE ID --->	951021-10		951021-11				
	ID FROM REPORT -->	041W150101		041W150201				
	SAMPLE DATE ----->	12/06/95		12/06/95				
	DATE ANALYZED --->	12/11/95		12/16/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EM0050	VAL	EM0050	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

METAL													
		SAMPLE ID ------->	041-W-1501-01		041-W-1502-01								
		ORIGINAL ID ----->	041W150101		041W150201								
		LAB SAMPLE ID --->	951021-10		951021-11								
		ID FROM REPORT -->	041W150101		041W150201								
		SAMPLE DATE ----->	12/06/95		12/06/95								
		DATE EXTRACTED -->	01/16/96		12/12/95								
		DATE ANALYZED --->	01/18/96		12/13/95								
		MATRIX ---------->	Water		Water								
		UNITS ---------->	UG/L		UG/L								
CAS #	Parameter		EM0050	VAL	EM0050	VAL							
7429-90-5	Aluminum		213000.		934.								
7440-36-0	Antimony		32.4	J	3.7	U							
7440-38-2	Arsenic		68.8		4.5	J							
7440-39-3	Barium		642.		34.7	J							
7440-41-7	Beryllium		3.2	J	1.	U							
7440-43-9	Cadmium		3.	U	3.	U							
7440-70-2	Calcium		178000.		87100.								
7440-47-3	Chromium		327.		8.	U							
7440-48-4	Cobalt		23.5	J	3.	U							
7440-50-8	Copper		191.		4.	J							
7439-89-6	Iron		715000.		8300.								
7439-92-1	Lead		801.		22.5								
7439-95-4	Magnesium		63700.		34600.								
7439-96-5	Manganese		1640.		121.								
7439-97-6	Mercury		0.94		0.13	U							
7440-02-0	Nickel		103.		12.	U							
7440-09-7	Potassium		16000.		11400.								
7782-49-2	Selenium		16.3		3.	U							
7440-22-4	Silver		4.	U	4.	U							
7440-23-5	Sodium		141000.		174000.								
7440-28-0	Thallium		3.	U	3.2	J							
7440-62-2	Vanadium		337.		2.	J							
7440-66-6	Zinc		1010.		12.7	J							
57-12-5	Cyanide (CN)		5.	U	5.	U							

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 15 Phase II Surface Water Data

PEST

	SAMPLE ID ------->	041-W-1501-01		041-W-1502-01				
	ORIGINAL ID ----->	041W150101		041W150201				
	LAB SAMPLE ID --->	951021-10		951021-11				
	ID FROM REPORT -->	041W150101		041W150201				
	SAMPLE DATE ----->	12/06/95		12/06/95				
	DATE EXTRACTED -->	12/11/96		12/11/96				
	DATE ANALYZED --->	01/24/96		01/24/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EM0050	VAL	EM0050	VAL			
319-84-6	alpha-BHC	0.05	UJ	0.05	UJ			
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	0.063	J	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			
72-43-5	Methoxychlor	0.5	U	0.5	U			
53494-70-5	Endrin ketone	0.1	U	0.1	U			
7421-93-4	Endrin aldehyde	0.1	U	0.1	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			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-1601-01		041-W-1602-01					
	ORIGINAL ID ----->	041W160101		041W160201					
	LAB SAMPLE ID --->	951029-06		951029-07					
	ID FROM REPORT -->	041W160101		041W160201					
	SAMPLE DATE ----->	12/07/95		12/07/95					
	DATE EXTRACTED -->	01/18/96		01/18/96					
	DATE ANALYZED --->	01/20/96		01/20/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	%		%					
CAS #	Parameter	EW0010	VAL	EW0010	VAL				
9999000-58-8	Percent Solids	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1601-01	041-W-1602-01				
	ORIGINAL ID ----->	041W160101	041W160201				
	LAB SAMPLE ID --->	951029-06	951029-07				
	ID FROM REPORT -->	041W160101	041W160201				
	SAMPLE DATE ----->	12/07/95	12/07/95				
	DATE EXTRACTED -->	01/22/96	01/22/96				
	DATE ANALYZED --->	01/18/96	01/18/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	EW0010 VAL	EW0010 VAL				
9999900-03-3	Hardness as CaCO3	1470.	1680.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-1601-01		041-W-1602-01					
	ORIGINAL ID ----->	041W160101		041W160201					
	LAB SAMPLE ID --->	951029-06		951029-07					
	ID FROM REPORT -->	041W160101		041W160201					
	SAMPLE DATE ----->	12/07/95		12/07/95					
	DATE EXTRACTED -->	12/26/95		12/13/95					
	DATE ANALYZED --->	01/04/96		12/26/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EW0010	VAL	EW0010	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	UJ				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-1601-01		041-W-1602-01					
	ORIGINAL ID ----->	041W160101		041W160201					
	LAB SAMPLE ID --->	951029-06		951029-07					
	ID FROM REPORT -->	041W160101		041W160201					
	SAMPLE DATE ----->	12/07/95		12/07/95					
	DATE EXTRACTED -->	12/26/95		12/13/95					
	DATE ANALYZED --->	01/04/96		12/26/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	EW0010	VAL	EW0010	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	UJ				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	UJ				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-1601-01		041-W-1602-01				
	ORIGINAL ID ----->	041W160101		041W160201				
	LAB SAMPLE ID --->	951029-06		951029-07				
	ID FROM REPORT -->	041W160101		041W160201				
	SAMPLE DATE ----->	12/07/95		12/07/95				
	DATE ANALYZED --->	12/12/95		12/12/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EW0010	VAL	EW0010	VAL			
74-87-3	Chloromethane	1.	U	1.	U			
74-83-9	Bromomethane	1.	U	1.	U			
75-01-4	Vinyl chloride	1.	U	1.	U			
75-00-3	Chloroethane	1.	U	1.	U			
75-09-2	Methylene chloride	7.	U	6.	U			
67-64-1	Acetone	18.	UR	14.	UR			
75-15-0	Carbon disulfide	1.	U	1.	U			
75-35-4	1,1-Dichloroethene	1.	U	1.	U			
75-34-3	1,1-Dichloroethane	1.	U	1.	U			
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U			
67-66-3	Chloroform	1.	U	1.	U			
107-06-2	1,2-Dichloroethane	1.	U	1.	U			
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR			
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U			
56-23-5	Carbon tetrachloride	1.	U	1.	U			
75-27-4	Bromodichloromethane	1.	U	1.	U			
78-87-5	1,2-Dichloropropane	1.	U	1.	U			
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U			
79-01-6	Trichloroethene	1.	U	1.	U			
124-48-1	Dibromochloromethane	1.	U	1.	U			
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U			
71-43-2	Benzene	1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U			
75-25-2	Bromoform	1.	U	1.	U			
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U			
591-78-6	2-Hexanone	5.	UR	5.	UR			
127-18-4	Tetrachloroethene	1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U			
108-88-3	Toluene	1.	U	1.	U			
108-90-7	Chlorobenzene	1.		1.	U			
100-41-4	Ethylbenzene	1.	U	1.	U			
100-42-5	Styrene	1.	U	1.	U			
1330-20-7	Xylene (Total)	1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U			
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-1601-01		041-W-1602-01				
	ORIGINAL ID ----->	041W160101		041W160201				
	LAB SAMPLE ID --->	951029-06		951029-07				
	ID FROM REPORT -->	041W160101		041W160201				
	SAMPLE DATE ----->	12/07/95		12/07/95				
	DATE ANALYZED --->	12/12/95		12/12/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	EW0010	VAL	EW0010	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

METAL													
		SAMPLE ID ------->	001-W-0016-01		041-W-1601-01		041-W-1602-01						
		ORIGINAL ID ----->	01W1601		041W160101		041W160201						
		LAB SAMPLE ID --->	622181		951029-06		951029-07						
		ID FROM REPORT -->	MAC007		041W160101		041W160201						
		SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95						
		DATE EXTRACTED -->			01/03/96		01/03/96						
		DATE ANALYZED --->			01/03/96		01/03/96						
		MATRIX ---------->	Water		Water		Water						
		UNITS ---------->	UG/L		UG/L		UG/L						
CAS #	Parameter		89362	VAL	EW0010	VAL	EW0010	VAL					
7429-90-5	Aluminum		98.9		90.7	U	304.						
7440-36-0	Antimony		55.9	U	10.	UJ	10.	UJ					
7440-38-2	Arsenic		2.8	U	2.	U	2.	U					
7440-39-3	Barium		25.1	U	31.9	J	30.5	J					
7440-41-7	Beryllium		0.5	U	1.	U	1.	U					
7440-43-9	Cadmium		4.6	UJ	3.	U	3.	U					
7440-70-2	Calcium		145000.		104000.		115000.						
7440-47-3	Chromium		9.2	U	8.	U	8.	U					
7440-48-4	Cobalt		7.3	U	3.	U	3.	U					
7440-50-8	Copper		4.5	U	4.	U	4.	U					
7439-89-6	Iron		414.		816.		1020.						
7439-92-1	Lead		16.	UJ	1.	U	1.	U					
7439-95-4	Magnesium		419000.		294000.		339000.						
7439-96-5	Manganese		56.6		55.2		50.1						
7439-97-6	Mercury		0.2	U	0.13	U	0.13	U					
7440-02-0	Nickel		16.4	U	12.	U	12.	U					
7440-09-7	Potassium		162000.		98700.		115000.						
7782-49-2	Selenium		3.9	UJ	3.	U	3.	U					
7440-22-4	Silver		3.6	U	4.	U	4.	U					
7440-23-5	Sodium		3820000.		2410000.		2710000.						
7440-28-0	Thallium		360.	UJ	13.9		14.8						
7440-62-2	Vanadium		4.4	U	2.	U	2.	U					
7440-66-6	Zinc		9.2	U	7.4	J	7.1	J					
57-12-5	Cyanide (CN)		10.	U	5.	U	5.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

PEST

	SAMPLE ID ------->	001-W-0016-01		041-W-1601-01		041-W-1602-01							
	ORIGINAL ID ----->	01W1601		041W160101		041W160201							
	LAB SAMPLE ID --->	622178		951029-06		951029-07							
	ID FROM REPORT -->	01W1601		041W160101		041W160201							
	SAMPLE DATE ----->	06/29/94		12/07/95		12/07/95							
	DATE EXTRACTED -->	07/05/94		12/12/95		12/12/95							
	DATE ANALYZED --->	07/07/94		01/24/96		01/24/96							
	MATRIX ---------->	Water		Water		Water							
	UNITS ---------->	UG/L		UG/L		UG/L							
CAS #	Parameter	00001	VAL	EW0010	VAL	EW0010	VAL						
319-84-6	alpha-BHC	0.05	U	0.05	U	0.05	U						
319-85-7	beta-BHC	0.05	U	0.05	U	0.05	U						
319-86-8	delta-BHC	0.05	U	0.05	U	0.05	U						
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U						
76-44-8	Heptachlor	0.05	U	0.05	U	0.05	U						
309-00-2	Aldrin	0.05	U	0.05	U	0.05	U						
1024-57-3	Heptachlor epoxide	0.05	U	0.05	U	0.05	U						
959-98-8	Endosulfan I	0.05	U	0.05	U	0.05	U						
60-57-1	Dieldrin	0.1	U	0.1	U	0.1	U						
72-55-9	4,4'-DDE	0.1	U	0.1	U	0.1	U						
72-20-8	Endrin	0.1	U	0.1	U	0.1	U						
33213-65-9	Endosulfan II	0.1	U	0.1	U	0.1	U						
72-54-8	4,4'-DDD	0.1	U	0.1	U	0.1	U						
1031-07-8	Endosulfan sulfate	0.1	U	0.1	U	0.1	U						
50-29-3	4,4'-DDT	0.1	U	0.1	U	0.1	U						
72-43-5	Methoxychlor	0.5	U	0.5	U	0.5	U						
53494-70-5	Endrin ketone	0.1	U	0.1	U	0.1	U						
7421-93-4	Endrin aldehyde	0.1	U	0.1	U	0.1	U						
5103-71-9	alpha-Chlordane	0.05	U	0.05	U	0.05	U						
5103-74-2	gamma-Chlordane	0.05	U	0.05	U	0.05	U						
8001-35-2	Toxaphene	5.	U	5.	U	5.	U						
12674-11-2	Aroclor-1016	1.	U	1.	U	1.	U						
11104-28-2	Aroclor-1221	2.	U	2.	U	2.	U						
11141-16-5	Aroclor-1232	1.	U	1.	U	1.	U						
53469-21-9	Aroclor-1242	1.	U	1.	U	1.	U						
12672-29-6	Aroclor-1248	1.	U	1.	U	1.	U						
11097-69-1	Aroclor-1254	1.	U	1.	U	1.	U						
11096-82-5	Aroclor-1260	1.	U	1.	U	1.	U						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

SVOA

SAMPLE ID -------->	001-W-0016-01
ORIGINAL ID ----->	01W1601
LAB SAMPLE ID --->	622178
ID FROM REPORT -->	01W1601
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/01/94
DATE ANALYZED --->	07/06/94
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00001	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
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)/bis(2-chlor	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	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	U
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

SVOA			
	SAMPLE ID ------->	001-W-0016-01	
	ORIGINAL ID ----->	01W1601	
	LAB SAMPLE ID --->	622178	
	ID FROM REPORT -->	01W1601	
	SAMPLE DATE ----->	06/29/94	
	DATE EXTRACTED -->	07/01/94	
	DATE ANALYZED --->	07/06/94	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	
CAS #	Parameter	00001	VAL
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenyl ether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	10.	U
117-84-0	Di-n-octylphthalate	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 ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 16 Phase II Surface Water Data

VOA

SAMPLE ID ------->	001-W-0016-01
ORIGINAL ID ----->	01W1601
LAB SAMPLE ID --->	622178
ID FROM REPORT -->	01W1601
SAMPLE DATE ----->	06/29/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00001	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	3.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	2.	J
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	1.	J
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (Total)	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-1701-01					
	ORIGINAL ID ----->	041W170101					
	LAB SAMPLE ID --->	960025-09					
	ID FROM REPORT -->	041W170101					
	SAMPLE DATE ----->	01/15/96					
	DATE EXTRACTED -->	02/03/96					
	DATE ANALYZED --->	02/05/96					
	MATRIX ---------->	Water					
	UNITS ----------->	%					
CAS #	Parameter	EM005	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1701-01					
	ORIGINAL ID ----->	041W170101					
	LAB SAMPLE ID --->	960025-09					
	ID FROM REPORT -->	041W170101					
	SAMPLE DATE ----->	01/15/96					
	DATE EXTRACTED -->	02/05/96					
	DATE ANALYZED --->	02/03/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	EM005 VAL					
9999900-03-3	Hardness as CaCO3	1730.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1701-01
ORIGINAL ID ----->	041W170101
LAB SAMPLE ID --->	960025-09
ID FROM REPORT -->	041W170101
SAMPLE DATE ----->	01/15/96
DATE EXTRACTED -->	01/18/96
DATE ANALYZED --->	01/30/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	EM005	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	UJ
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1701-01
ORIGINAL ID ----->	041W170101
LAB SAMPLE ID --->	960025-09
ID FROM REPORT -->	041W170101
SAMPLE DATE ----->	01/15/96
DATE EXTRACTED -->	01/18/96
DATE ANALYZED --->	01/30/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EM005	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

LOWVOA

SAMPLE ID -------> 041-W-1701-01
ORIGINAL ID -----> 041W170101
LAB SAMPLE ID ---> 960025-09
ID FROM REPORT --> 041W170101
SAMPLE DATE -----> 01/15/96
DATE ANALYZED ---> 01/19/96
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	EM005	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	38.	D
67-64-1	Acetone	7.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	1.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1701-01
ORIGINAL ID ----->	041W170101
LAB SAMPLE ID --->	960025-09
ID FROM REPORT -->	041W170101
SAMPLE DATE ----->	01/15/96
DATE ANALYZED --->	01/19/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EM005	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-1701-01
ORIGINAL ID ----->	041W170101
LAB SAMPLE ID --->	960025-09
ID FROM REPORT -->	041W170101
SAMPLE DATE ----->	01/15/96
DATE EXTRACTED -->	01/20/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EM005	VAL
7429-90-5	Aluminum	54.3	U
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.2	J
7440-39-3	Barium	10.6	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.6	U
7440-70-2	Calcium	106000.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	263.	
7439-92-1	Lead	2.	U
7439-95-4	Magnesium	356000.	
7439-96-5	Manganese	7.4	J
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	109000.	
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	3040000.	
7440-28-0	Thallium	16.3	
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	4.7	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 17 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-1701-01
ORIGINAL ID ----->	041W170101
LAB SAMPLE ID --->	960025-09
ID FROM REPORT -->	041W170101
SAMPLE DATE ----->	01/15/96
DATE EXTRACTED -->	01/18/96
DATE ANALYZED --->	02/04/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	EM005	VAL
319-84-6	alpha-BHC	0.05	UJ
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-18A2-01					
	ORIGINAL ID ----->	041W18A201					
	LAB SAMPLE ID --->	951050-21					
	ID FROM REPORT -->	041W18A201					
	SAMPLE DATE ----->	12/15/95					
	DATE EXTRACTED -->	01/21/96					
	DATE ANALYZED --->	01/23/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	EMD060	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-18A2-01					
	ORIGINAL ID ----->	041W18A201					
	LAB SAMPLE ID --->	951050-21					
	ID FROM REPORT -->	041W18A201					
	SAMPLE DATE ----->	12/15/95					
	DATE EXTRACTED -->	01/23/96					
	DATE ANALYZED --->	01/21/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	EMD060 VAL					
9999900-03-3	Hardness as CaCO3	31.1					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-18A2-01
ORIGINAL ID ----->	041W18A201
LAB SAMPLE ID --->	951050-21
ID FROM REPORT -->	041W18A201
SAMPLE DATE ----->	12/15/95
DATE EXTRACTED -->	12/21/95
DATE ANALYZED --->	01/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-18A2-01
ORIGINAL ID ----->	041W18A201
LAB SAMPLE ID --->	951050-21
ID FROM REPORT -->	041W18A201
SAMPLE DATE ----->	12/15/95
DATE EXTRACTED -->	12/21/95
DATE ANALYZED --->	01/04/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	EMD060	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-18A2-01
ORIGINAL ID ----->	041W18A201
LAB SAMPLE ID --->	951050-21
ID FROM REPORT -->	041W18A201
SAMPLE DATE ----->	12/15/95
DATE ANALYZED --->	12/21/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	34.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	5.	
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	14.	
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	2.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

LOWVOA			
	SAMPLE ID ------->	041-W-18A2-01	
	ORIGINAL ID ----->	041W18A201	
	LAB SAMPLE ID --->	951050-21	
	ID FROM REPORT -->	041W18A201	
	SAMPLE DATE ----->	12/15/95	
	DATE ANALYZED --->	12/21/95	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	
CAS #	Parameter	EMD060	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

METAL											
		SAMPLE ID ------->	001-W-0018-01		041-W-18A2-01						
		ORIGINAL ID ----->	01W1801		041W18A201						
		LAB SAMPLE ID --->	622179		951050-21						
		ID FROM REPORT -->	MAC008		041W18A201						
		SAMPLE DATE ----->	06/29/94		12/15/95						
		DATE EXTRACTED -->			01/09/96						
		DATE ANALYZED --->			01/09/96						
		MATRIX ---------->	Water		Water						
		UNITS ---------->	UG/L		UG/L						
CAS #	Parameter		89362	VAL	EMD060	VAL					
7429-90-5	Aluminum		237.		1220.						
7440-36-0	Antimony		55.9	U	10.	UJ					
7440-38-2	Arsenic		2.8	U	68.3						
7440-39-3	Barium		5.2	U	26.2	J					
7440-41-7	Beryllium		0.5	U	1.	U					
7440-43-9	Cadmium		4.6	UJ	3.	U					
7440-70-2	Calcium		3060.		9420.						
7440-47-3	Chromium		9.2	U	15.6						
7440-48-4	Cobalt		7.3	U	3.	U					
7440-50-8	Copper		4.5	U	4.	U					
7439-89-6	Iron		848.		122000.						
7439-92-1	Lead		1.6	UJ	12.2						
7439-95-4	Magnesium		1110.		1850.	J					
7439-96-5	Manganese		47.6		144.						
7439-97-6	Mercury		0.2	U	0.13	U					
7440-02-0	Nickel		16.4	U	12.	U					
7440-09-7	Potassium		901.		1940.	J					
7782-49-2	Selenium		3.9	U	3.	U					
7440-22-4	Silver		3.6	U	4.	U					
7440-23-5	Sodium		5340.		6160.						
7440-28-0	Thallium		3.6	UJ	3.	U					
7440-62-2	Vanadium		4.4	U	10.	J					
7440-66-6	Zinc		9.2	U	3.	U					
57-12-5	Cyanide (CN)		10.	U	5.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

PEST											
		SAMPLE ID ------->	001-W-0018-01		041-W-18A2-01						
		ORIGINAL ID ----->	01W1801		041W18A201						
		LAB SAMPLE ID --->	622169		951050-21						
		ID FROM REPORT -->	01W1801		041W18A201						
		SAMPLE DATE ----->	06/29/94		12/15/95						
		DATE EXTRACTED -->	07/05/94		12/20/95						
		DATE ANALYZED --->	07/07/94		01/25/96						
		MATRIX ---------->	Water		Water						
		UNITS ---------->	UG/L		UG/L						
CAS #	Parameter		00001	VAL	EMD060	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					
72-43-5	Methoxychlor		0.5	U	0.5	U					
53494-70-5	Endrin ketone		0.1	U	0.1	U					
7421-93-4	Endrin aldehyde		0.1	U	0.1	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					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

SVOA

SAMPLE ID ------->	001-W-0018-01
ORIGINAL ID ----->	01W1801
LAB SAMPLE ID --->	622169
ID FROM REPORT -->	01W1801
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/01/94
DATE ANALYZED --->	07/06/94
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	00001	VAL
108-95-2	Phenol	5.	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
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)/bis(2-chlor	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	25.	U
91-58-7	2-Chloronaphthalene	10.	U
88-74-4	2-Nitroaniline	25.	U
131-11-3	Dimethylphthalate	10.	U
208-96-8	Acenaphthylene	10.	U
606-20-2	2,6-Dinitrotoluene	10.	U
99-09-2	3-Nitroaniline	25.	U
83-32-9	Acenaphthene	10.	U
51-28-5	2,4-Dinitrophenol	25.	U
100-02-7	4-Nitrophenol	25.	U
132-64-9	Dibenzofuran	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

SVOA

SAMPLE ID ------->	001-W-0018-01
ORIGINAL ID ----->	01W1801
LAB SAMPLE ID --->	622169
ID FROM REPORT -->	01W1801
SAMPLE DATE ----->	06/29/94
DATE EXTRACTED -->	07/01/94
DATE ANALYZED --->	07/06/94
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	00001	VAL
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenyl ether	10.	U
86-73-7	Fluorene	10.	U
100-01-6	4-Nitroaniline	25.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	25.	U
86-30-6	N-Nitrosodiphenylamine	10.	U
101-55-3	4-Bromophenyl-phenylether	10.	U
118-74-1	Hexachlorobenzene	10.	U
87-86-5	Pentachlorophenol	25.	U
85-01-8	Phenanthrene	10.	U
120-12-7	Anthracene	10.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	10.	U
206-44-0	Fluoranthene	10.	U
129-00-0	Pyrene	10.	U
85-68-7	Butylbenzylphthalate	10.	U
91-94-1	3,3'-Dichlorobenzidine	10.	U
56-55-3	Benzo(a)anthracene	10.	U
218-01-9	Chrysene	10.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	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 ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18A Phase II Surface Water Data

VOA

SAMPLE ID ------->	001-W-0018-01
ORIGINAL ID ----->	01W1801
LAB SAMPLE ID --->	622169
ID FROM REPORT -->	01W1801
SAMPLE DATE ----->	06/29/94
DATE ANALYZED --->	07/07/94
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	00001	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	3.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone (MEK)	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (Total)	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-18B1-01					
	ORIGINAL ID ----->	041W18B101					
	LAB SAMPLE ID --->	951050-08					
	ID FROM REPORT -->	041W18B101					
	SAMPLE DATE ----->	12/14/95					
	DATE EXTRACTED -->	01/21/96					
	DATE ANALYZED --->	01/23/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	EMD060	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-18B1-01					
	ORIGINAL ID ----->	041W18B101					
	LAB SAMPLE ID --->	951050-08					
	ID FROM REPORT -->	041W18B101					
	SAMPLE DATE ----->	12/14/95					
	DATE EXTRACTED -->	01/23/96					
	DATE ANALYZED --->	01/21/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	EMD060	VAL				
9999900-03-3	Hardness as CaCO3	49.3					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/21/95
DATE ANALYZED --->	01/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/21/95
DATE ANALYZED --->	01/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE ANALYZED --->	12/21/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	11.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	5.	
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE ANALYZED --->	12/21/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/20/95
DATE ANALYZED --->	12/20/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
7429-90-5	Aluminum	119.	J
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	5.6	U
7440-39-3	Barium	6.2	U
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	3.	U
7440-70-2	Calcium	7760.	
7440-47-3	Chromium	8.	U
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	10900.	
7439-92-1	Lead	1.	U
7439-95-4	Magnesium	7280.	
7439-96-5	Manganese	110.	
7439-97-6	Mercury	0.14	U
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	3600.	J
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	U
7440-23-5	Sodium	48300.	
7440-28-0	Thallium	3.	U
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	3.	U
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 18B Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-18B1-01
ORIGINAL ID ----->	041W18B101
LAB SAMPLE ID --->	951050-08
ID FROM REPORT -->	041W18B101
SAMPLE DATE ----->	12/14/95
DATE EXTRACTED -->	12/18/95
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	EMD060	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-1901-01					
	ORIGINAL ID ----->	041W190101					
	LAB SAMPLE ID --->	960039-15					
	ID FROM REPORT -->	041W190101					
	SAMPLE DATE ----->	01/17/96					
	DATE EXTRACTED -->	02/03/96					
	DATE ANALYZED --->	02/05/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	63A401 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1901-01					
	ORIGINAL ID ----->	041W190101					
	LAB SAMPLE ID --->	960039-15					
	ID FROM REPORT -->	041W190101					
	SAMPLE DATE ----->	01/17/96					
	DATE EXTRACTED -->	02/05/96					
	DATE ANALYZED --->	02/03/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	63A401	VAL				
9999900-03-3	Hardness as CaCO3	71.8					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	28.	
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	3.	U
67-64-1	Acetone	5.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
7429-90-5	Aluminum	111000.	
7440-36-0	Antimony	19.2	J
7440-38-2	Arsenic	268.	
7440-39-3	Barium	300.	
7440-41-7	Beryllium	4.	J
7440-43-9	Cadmium	2.	U
7440-70-2	Calcium	21200.	
7440-47-3	Chromium	99.5	
7440-48-4	Cobalt	38.5	J
7440-50-8	Copper	41.9	
7439-89-6	Iron	332000.	
7439-92-1	Lead	86.9	
7439-95-4	Magnesium	4570.	J
7439-96-5	Manganese	12700.	
7439-97-6	Mercury	0.59	
7440-02-0	Nickel	25.8	J
7440-09-7	Potassium	2720.	J
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	4730.	J
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	277.	
7440-66-6	Zinc	204.	
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19A Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-1901-01
ORIGINAL ID ----->	041W190101
LAB SAMPLE ID --->	960039-15
ID FROM REPORT -->	041W190101
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	02/07/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-1903-01					
	ORIGINAL ID ----->	041W190301					
	LAB SAMPLE ID --->	960039-16					
	ID FROM REPORT -->	041W190301					
	SAMPLE DATE ----->	01/17/96					
	DATE EXTRACTED -->	02/03/96					
	DATE ANALYZED --->	02/05/96					
	MATRIX ---------->	Water					
	UNITS ----------->	%					
CAS #	Parameter	63A401	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-1903-01					
	ORIGINAL ID ----->	041W190301					
	LAB SAMPLE ID --->	960039-16					
	ID FROM REPORT -->	041W190301					
	SAMPLE DATE ----->	01/17/96					
	DATE EXTRACTED -->	02/05/96					
	DATE ANALYZED --->	02/03/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	63A401	VAL				
9999900-03-3	Hardness as CaCO3	193.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1903-01
ORIGINAL ID ----->	041W190301
LAB SAMPLE ID --->	960039-16
ID FROM REPORT -->	041W190301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-1903-01
ORIGINAL ID ----->	041W190301
LAB SAMPLE ID --->	960039-16
ID FROM REPORT -->	041W190301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-1903-01
ORIGINAL ID ----->	041W190301
LAB SAMPLE ID --->	960039-16
ID FROM REPORT -->	041W190301
SAMPLE DATE ----->	01/17/96
DATE ANALYZED --->	01/21/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	4.	U
67-64-1	Acetone	6.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

LOWVOA							
	SAMPLE ID ------->	041-W-1903-01					
	ORIGINAL ID ----->	041W190301					
	LAB SAMPLE ID --->	960039-16					
	ID FROM REPORT -->	041W190301					
	SAMPLE DATE ----->	01/17/96					
	DATE ANALYZED --->	01/21/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L					
CAS #	Parameter	63A401	VAL				
95-50-1	1,2-Dichlorobenzene	1.	U				
74-97-5	Bromochloromethane	1.	U				
106-93-4	1,2-Dibromoethane	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-1903-01
ORIGINAL ID ----->	041W190301
LAB SAMPLE ID --->	960039-16
ID FROM REPORT -->	041W190301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	01/22/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
7429-90-5	Aluminum	2140.	
7440-36-0	Antimony	2.	J
7440-38-2	Arsenic	4.8	J
7440-39-3	Barium	7.4	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	U
7440-70-2	Calcium	17200.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	4030.	
7439-92-1	Lead	5.6	
7439-95-4	Magnesium	36400.	
7439-96-5	Manganese	26.3	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	11400.	
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	291000.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	4.4	J
7440-66-6	Zinc	7.1	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 19B Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-1903-01
ORIGINAL ID ----->	041W190301
LAB SAMPLE ID --->	960039-16
ID FROM REPORT -->	041W190301
SAMPLE DATE ----->	01/17/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	02/07/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-4801-01					
	ORIGINAL ID ----->	041W480101					
	LAB SAMPLE ID --->	960043-14					
	ID FROM REPORT -->	041W480101					
	SAMPLE DATE ----->	01/22/96					
	DATE EXTRACTED -->	02/06/96					
	DATE ANALYZED --->	02/07/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	M00901	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-4801-01					
	ORIGINAL ID ----->	041W480101					
	LAB SAMPLE ID --->	960043-14					
	ID FROM REPORT -->	041W480101					
	SAMPLE DATE ----->	01/22/96					
	DATE EXTRACTED -->	02/07/96					
	DATE ANALYZED --->	02/06/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	M00901	VAL				
9999900-03-3	Hardness as CaCO3	6.6					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/26/96
DATE ANALYZED --->	02/05/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M00901	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	UJ
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/26/96
DATE ANALYZED --->	02/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M00901	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M00901	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	3.	U
67-64-1	Acetone	7.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M00901	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

METAL

SAMPLE ID -------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M00901	VAL
7429-90-5	Aluminum	356.	U
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.7	U
7440-39-3	Barium	5.2	U
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	U
7440-70-2	Calcium	977.	J
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	285.	
7439-92-1	Lead	2.	U
7439-95-4	Magnesium	1020.	J
7439-96-5	Manganese	2.9	J
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	116.	U
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	7480.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	38.1	U
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 48 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-4801-01
ORIGINAL ID ----->	041W480101
LAB SAMPLE ID --->	960043-14
ID FROM REPORT -->	041W480101
SAMPLE DATE ----->	01/22/96
DATE EXTRACTED -->	01/24/96
DATE ANALYZED --->	02/08/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M00901	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-4901-01	041-W-4903-01				
	ORIGINAL ID ----->	041W490101	041W490301				
	LAB SAMPLE ID --->	960043-15	960043-16				
	ID FROM REPORT -->	041W490101	041W490301				
	SAMPLE DATE ----->	01/22/96	01/22/96				
	DATE EXTRACTED -->	02/06/96	02/06/96				
	DATE ANALYZED --->	02/07/96	02/07/96				
	MATRIX ---------->	Water	Water				
	UNITS ----------->	%	%				
CAS #	Parameter	M00901 VAL	M00901 VAL				
9999000-58-8	Percent Solids	NR	NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-4901-01	041-W-4903-01				
	ORIGINAL ID ----->	041W490101	041W490301				
	LAB SAMPLE ID --->	960043-15	960043-16				
	ID FROM REPORT -->	041W490101	041W490301				
	SAMPLE DATE ----->	01/22/96	01/22/96				
	DATE EXTRACTED -->	02/07/96	02/07/96				
	DATE ANALYZED --->	02/06/96	02/06/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	M00901 VAL	M00901 VAL				
9999900-03-3	Hardness as CaCO3	14.3	6.3				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

LOWSVOA

	SAMPLE ID ------->	041-W-4901-01		041-W-4903-01							
	ORIGINAL ID ----->	041W490101		041W490301							
	LAB SAMPLE ID --->	960043-15		960043-16							
	ID FROM REPORT -->	041W490101		041W490301							
	SAMPLE DATE ----->	01/22/96		01/22/96							
	DATE EXTRACTED -->	01/26/96		01/26/96							
	DATE ANALYZED --->	01/30/96		02/05/96							
	MATRIX ---------->	Water		Water							
	UNITS ---------->	UG/L		UG/L							
CAS #	Parameter	M00901	VAL	M00901	VAL						
108-95-2	Phenol	5.	U	5.	U						
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U						
95-57-8	2-Chlorophenol	5.	U	5.	U						
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U						
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U						
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U						
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U						
67-72-1	Hexachloroethane	5.	U	5.	U						
98-95-3	Nitrobenzene	5.	U	5.	U						
78-59-1	Isophorone	5.	U	5.	U						
88-75-5	2-Nitrophenol	5.	U	5.	U						
105-67-9	2,4-Dimethylphenol	5.	U	5.	U						
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U						
120-83-2	2,4-Dichlorophenol	5.	U	5.	U						
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U						
91-20-3	Naphthalene	1.	U	1.	U						
106-47-8	4-Chloroaniline	5.	U	5.	U						
87-68-3	Hexachlorobutadiene	5.	U	5.	U						
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U						
91-57-6	2-Methylnaphthalene	1.	U	1.	U						
77-47-4	Hexachlorocyclopentadiene	5.	UJ	5.	UJ						
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U						
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U						
91-58-7	2-Chloronaphthalene	5.	U	5.	U						
88-74-4	2-Nitroaniline	5.	U	5.	U						
131-11-3	Dimethylphthalate	5.	U	5.	U						
208-96-8	Acenaphthylene	1.	U	1.	U						
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U						
99-09-2	3-Nitroaniline	20.	U	20.	U						
83-32-9	Acenaphthene	1.	U	1.	U						
51-28-5	2,4-Dinitrophenol	20.	U	20.	U						
100-02-7	4-Nitrophenol	20.	U	20.	U						
132-64-9	Dibenzofuran	5.	U	5.	U						
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U						
84-66-2	Diethylphthalate	5.	U	5.	U						
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-4901-01		041-W-4903-01					
	ORIGINAL ID ----->	041W490101		041W490301					
	LAB SAMPLE ID --->	960043-15		960043-16					
	ID FROM REPORT -->	041W490101		041W490301					
	SAMPLE DATE ----->	01/22/96		01/22/96					
	DATE EXTRACTED -->	01/26/96		01/26/96					
	DATE ANALYZED --->	01/30/96		02/05/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	UJ	5.	UJ				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

LOWSVOA									
		SAMPLE ID ------->	041-W-4901-01		041-W-4903-01				
		ORIGINAL ID ----->	041W490101		041W490301				
		LAB SAMPLE ID --->	960043-15		960043-16				
		ID FROM REPORT -->	041W490101		041W490301				
		SAMPLE DATE ----->	01/22/96		01/22/96				
		DATE EXTRACTED -->	01/26/96		01/26/96				
		DATE ANALYZED --->	01/30/96		02/05/96				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		M00901	VAL	M00901	VAL			
86-73-7	Fluorene		1.	U	1.	U			
100-01-6	4-Nitroaniline		20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		20.	U	20.	U			
86-30-6	N-Nitrosodiphenylamine		5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether		5.	U	5.	U			
118-74-1	Hexachlorobenzene		1.	U	1.	U			
87-86-5	Pentachlorophenol		5.	U	5.	U			
85-01-8	Phenanthrene		1.	U	1.	U			
120-12-7	Anthracene		1.	U	1.	U			
84-74-2	Di-n-butylphthalate		5.	U	5.	U			
206-44-0	Fluoranthene		1.	U	1.	U			
129-00-0	Pyrene		1.	U	1.	U			
85-68-7	Butylbenzylphthalate		5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine		5.	U	5.	U			
56-55-3	Benzo(a)anthracene		1.	U	1.	U			
218-01-9	Chrysene		1.	U	1.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		5.	U	5.	U			
117-84-0	Di-n-octylphthalate		5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene		1.	U	1.	U			
207-08-9	Benzo(k)fluoranthene		1.	U	1.	U			
50-32-8	Benzo(a)pyrene		1.	U	1.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		1.	U	1.	U			
53-70-3	Dibenz(a,h)anthracene		1.	U	1.	U			
191-24-2	Benzo(g,h,i)perylene		1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene		NR		NR				
106-46-7	1,4-Dichlorobenzene		NR		NR				
95-50-1	1,2-Dichlorobenzene		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->		041-W-4901-01		041-W-4903-01					
ORIGINAL ID ----->		041W490101		041W490301					
LAB SAMPLE ID --->		960043-15		960043-16					
ID FROM REPORT -->		041W490101		041W490301					
SAMPLE DATE ----->		01/22/96		01/22/96					
DATE ANALYZED --->		01/24/96		01/24/96					
MATRIX ---------->		Water		Water					
UNITS ---------->		UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL				
74-87-3	Chloromethane	1.	UJ	1.	UJ				
74-83-9	Bromomethane	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
75-09-2	Methylene chloride	4.	U	3.	U				
67-64-1	Acetone	4.	J	6.	J				
75-15-0	Carbon disulfide	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
591-78-6	2-Hexanone	5.	UR	5.	UR				
127-18-4	Tetrachloroethene	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-4901-01		041-W-4903-01		
ORIGINAL ID ----->	041W490101		041W490301		
LAB SAMPLE ID --->	960043-15		960043-16		
ID FROM REPORT -->	041W490101		041W490301		
SAMPLE DATE ----->	01/22/96		01/22/96		
DATE ANALYZED --->	01/24/96		01/24/96		
MATRIX ---------->	Water		Water		
UNITS ---------->	UG/L		UG/L		
CAS # Parameter	M00901	VAL	M00901	VAL	
95-50-1 1,2-Dichlorobenzene	1.	U	1.	U	
74-97-5 Bromochloromethane	1.	U	1.	U	
106-93-4 1,2-Dibromoethane	1.	U	1.	U	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

METAL

	SAMPLE ID ------->	041-W-4901-01		041-W-4903-01					
	ORIGINAL ID ----->	041W490101		041W490301					
	LAB SAMPLE ID --->	960043-15		960043-16					
	ID FROM REPORT -->	041W490101		041W490301					
	SAMPLE DATE ----->	01/22/96		01/22/96					
	DATE EXTRACTED -->	01/30/96		01/30/96					
	DATE ANALYZED --->	02/01/96		02/01/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL				
7429-90-5	Aluminum	725.	U	1800.	J				
7440-36-0	Antimony	2.	U	2.	U				
7440-38-2	Arsenic	5.4	U	2.	U				
7440-39-3	Barium	4.1	U	7.2	U				
7440-41-7	Beryllium	1.	U	1.	U				
7440-43-9	Cadmium	2.	U	2.	U				
7440-70-2	Calcium	4500.	J	692.	J				
7440-47-3	Chromium	5.	U	5.	U				
7440-48-4	Cobalt	2.	U	2.	U				
7440-50-8	Copper	4.	U	4.	U				
7439-89-6	Iron	73.	J	821.					
7439-92-1	Lead	2.	U	3.1					
7439-95-4	Magnesium	733.	J	1100.	J				
7439-96-5	Manganese	1.9	J	7.4	J				
7439-97-6	Mercury	0.13	U	0.13	U				
7440-02-0	Nickel	9.	U	9.	U				
7440-09-7	Potassium	180.	J	116.	U				
7782-49-2	Selenium	4.	U	4.	U				
7440-22-4	Silver	5.	U	5.	U				
7440-23-5	Sodium	6750.		13100.					
7440-28-0	Thallium	4.	U	4.	U				
7440-62-2	Vanadium	2.3	J	2.3	J				
7440-66-6	Zinc	15.7	U	36.5	U				
57-12-5	Cyanide (CN)	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 49 Phase II Surface Water Data

PEST									
	SAMPLE ID ------->	041-W-4901-01		041-W-4903-01					
	ORIGINAL ID ----->	041W490101		041W490301					
	LAB SAMPLE ID --->	960043-15		960043-16					
	ID FROM REPORT -->	041W490101		041W490301					
	SAMPLE DATE ----->	01/22/96		01/22/96					
	DATE EXTRACTED -->	01/24/96		01/24/96					
	DATE ANALYZED --->	02/08/96		02/08/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	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				
72-43-5	Methoxychlor	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	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				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01					
	ORIGINAL ID ----->	041W52A101		041W52E301					
	LAB SAMPLE ID --->	960055-06		960055-07					
	ID FROM REPORT -->	041W52A101		041W52E301					
	SAMPLE DATE ----->	01/23/96		01/23/96					
	DATE EXTRACTED -->	02/09/96		02/09/96					
	DATE ANALYZED --->	02/14/96		02/14/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	%		%					
CAS #	Parameter	M52A10	VAL	M52A10	VAL				
9999000-58-8	Percent Solids	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-52A1-01	041-W-52E3-01				
	ORIGINAL ID ----->	041W52A101	041W52E301				
	LAB SAMPLE ID --->	960055-06	960055-07				
	ID FROM REPORT -->	041W52A101	041W52E301				
	SAMPLE DATE ----->	01/23/96	01/23/96				
	DATE EXTRACTED -->	02/14/96	02/14/96				
	DATE ANALYZED --->	02/09/96	02/09/96				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	M52A10 VAL	M52A10 VAL				
9999900-03-3	Hardness as CaCO3	5.8	30.4				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01					
	ORIGINAL ID ----->	041W52A101		041W52E301					
	LAB SAMPLE ID --->	960055-06		960055-07					
	ID FROM REPORT -->	041W52A101		041W52E301					
	SAMPLE DATE ----->	01/23/96		01/23/96					
	DATE EXTRACTED -->	01/30/96		01/30/96					
	DATE ANALYZED --->	02/01/96		02/01/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M52A10	VAL	M52A10	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01					
	ORIGINAL ID ----->	041W52A101		041W52E301					
	LAB SAMPLE ID --->	960055-06		960055-07					
	ID FROM REPORT -->	041W52A101		041W52E301					
	SAMPLE DATE ----->	01/23/96		01/23/96					
	DATE EXTRACTED -->	01/30/96		01/30/96					
	DATE ANALYZED --->	02/01/96		02/01/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M52A10	VAL	M52A10	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

LOWVOA									
	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01					
	ORIGINAL ID ----->	041W52A101		041W52E301					
	LAB SAMPLE ID --->	960055-06		960055-07					
	ID FROM REPORT -->	041W52A101		041W52E301					
	SAMPLE DATE ----->	01/23/96		01/23/96					
	DATE ANALYZED --->	01/25/96		01/25/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M52A10	VAL	M52A10	VAL				
74-87-3	Chloromethane	1.	U	1.	U				
74-83-9	Bromomethane	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
75-09-2	Methylene chloride	3.	U	3.	U				
67-64-1	Acetone	4.	UR	7.	UR				
75-15-0	Carbon disulfide	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
591-78-6	2-Hexanone	5.	U	5.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01				
	ORIGINAL ID ----->	041W52A101		041W52E301				
	LAB SAMPLE ID --->	960055-06		960055-07				
	ID FROM REPORT -->	041W52A101		041W52E301				
	SAMPLE DATE ----->	01/23/96		01/23/96				
	DATE ANALYZED --->	01/25/96		01/25/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M52A10	VAL	M52A10	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

METAL									
	SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01					
	ORIGINAL ID ----->	041W52A101		041W52E301					
	LAB SAMPLE ID --->	960055-06		960055-07					
	ID FROM REPORT -->	041W52A101		041W52E301					
	SAMPLE DATE ----->	01/23/96		01/23/96					
	DATE EXTRACTED -->	02/03/96		02/03/96					
	DATE ANALYZED --->	02/05/96		02/05/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M52A10	VAL	M52A10	VAL				
7429-90-5	Aluminum	116.	J	2580.					
7440-36-0	Antimony	2.	UJ	10.	UJ				
7440-38-2	Arsenic	2.	U	2.	U				
7440-39-3	Barium	6.6	J	4.9	J				
7440-41-7	Beryllium	1.	U	1.	U				
7440-43-9	Cadmium	2.	UJ	2.	UJ				
7440-70-2	Calcium	808.	J	10800.					
7440-47-3	Chromium	5.	U	5.	U				
7440-48-4	Cobalt	2.	U	2.	U				
7440-50-8	Copper	6.4	J	4.	U				
7439-89-6	Iron	86.2	U	1220.					
7439-92-1	Lead	2.	U	2.	U				
7439-95-4	Magnesium	912.	J	854.	J				
7439-96-5	Manganese	10.5	J	8.2	J				
7439-97-6	Mercury	0.13	U	0.13	U				
7440-02-0	Nickel	9.	U	9.	U				
7440-09-7	Potassium	589.	J	349.	J				
7782-49-2	Selenium	4.	U	4.	U				
7440-22-4	Silver	5.	U	5.	U				
7440-23-5	Sodium	5260.		2670.	J				
7440-28-0	Thallium	4.	U	4.	U				
7440-62-2	Vanadium	2.	U	2.7	J				
7440-66-6	Zinc	4.	U	12.4	J				
57-12-5	Cyanide (CN)	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 52 Phase II Surface Water Data

PEST									
		SAMPLE ID ------->	041-W-52A1-01		041-W-52E3-01				
		ORIGINAL ID ----->	041W52A101		041W52E301				
		LAB SAMPLE ID --->	960055-06		960055-07				
		ID FROM REPORT -->	041W52A101		041W52E301				
		SAMPLE DATE ----->	01/23/96		01/23/96				
		DATE EXTRACTED -->	01/26/96		01/26/96				
		DATE ANALYZED --->	02/13/96		02/13/96				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		M52A10	VAL	M52A10	VAL			
319-84-6	alpha-BHC		0.05	U	0.05	UJ			
319-85-7	beta-BHC		0.05	U	0.05	UJ			
319-86-8	delta-BHC		0.05	U	0.05	UJ			
58-89-9	gamma-BHC (Lindane)		0.05	U	0.05	UJ			
76-44-8	Heptachlor		0.05	U	0.05	UJ			
309-00-2	Aldrin		0.05	U	0.05	UJ			
1024-57-3	Heptachlor epoxide		0.05	U	0.05	UJ			
959-98-8	Endosulfan I		0.05	U	0.05	UJ			
60-57-1	Dieldrin		0.1	U	0.1	UJ			
72-55-9	4,4'-DDE		0.1	U	0.1	UJ			
72-20-8	Endrin		0.1	U	0.1	UJ			
33213-65-9	Endosulfan II		0.1	U	0.1	UJ			
72-54-8	4,4'-DDD		0.1	U	0.1	UJ			
1031-07-8	Endosulfan sulfate		0.1	U	0.1	UJ			
50-29-3	4,4'-DDT		0.1	U	0.1	UJ			
72-43-5	Methoxychlor		0.5	U	0.5	UJ			
53494-70-5	Endrin ketone		0.1	U	0.1	UJ			
7421-93-4	Endrin aldehyde		0.1	U	0.1	UJ			
5103-71-9	alpha-Chlordane		0.05	U	0.05	UJ			
5103-74-2	gamma-Chlordane		0.05	U	0.05	UJ			
8001-35-2	Toxaphene		5.	U	5.	UJ			
12674-11-2	Aroclor-1016		1.	U	1.	UJ			
11104-28-2	Aroclor-1221		2.	U	2.	UJ			
11141-16-5	Aroclor-1232		1.	U	1.	UJ			
53469-21-9	Aroclor-1242		1.	U	1.	UJ			
12672-29-6	Aroclor-1248		1.	U	1.	UJ			
11097-69-1	Aroclor-1254		1.	U	1.	UJ			
11096-82-5	Aroclor-1260		1.	U	1.	UJ			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-56A1-01					
	ORIGINAL ID ----->	041W56A101					
	LAB SAMPLE ID --->	960055-20					
	ID FROM REPORT -->	041W56A101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/09/96					
	DATE ANALYZED --->	02/14/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	M52A10	VAL				
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-56A1-01					
	ORIGINAL ID ----->	041W56A101					
	LAB SAMPLE ID --->	960055-20					
	ID FROM REPORT -->	041W56A101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/14/96					
	DATE ANALYZED --->	02/09/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	M52A10 VAL					
9999900-03-3	Hardness as CaCO3	38.7					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	18.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	02/03/96
DATE ANALYZED --->	02/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
7429-90-5	Aluminum	596.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.	U
7440-39-3	Barium	4.4	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	UJ
7440-70-2	Calcium	12700.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	4.	U
7439-89-6	Iron	682.	
7439-92-1	Lead	2.	U
7439-95-4	Magnesium	1710.	J
7439-96-5	Manganese	11.2	J
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	676.	J
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	9730.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	4.	U
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 56 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-56A1-01
ORIGINAL ID ----->	041W56A101
LAB SAMPLE ID --->	960055-20
ID FROM REPORT -->	041W56A101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/26/96
DATE ANALYZED --->	02/14/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
319-84-6	alpha-BHC	0.05	UJ
319-85-7	beta-BHC	0.05	UJ
319-86-8	delta-BHC	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	UJ
76-44-8	Heptachlor	0.05	UJ
309-00-2	Aldrin	0.05	UJ
1024-57-3	Heptachlor epoxide	0.05	UJ
959-98-8	Endosulfan I	0.05	UJ
60-57-1	Dieldrin	0.1	UJ
72-55-9	4,4'-DDE	0.1	UJ
72-20-8	Endrin	0.1	UJ
33213-65-9	Endosulfan II	0.1	UJ
72-54-8	4,4'-DDD	0.1	UJ
1031-07-8	Endosulfan sulfate	0.1	UJ
50-29-3	4,4'-DDT	0.1	UJ
72-43-5	Methoxychlor	0.5	UJ
53494-70-5	Endrin ketone	0.1	UJ
7421-93-4	Endrin aldehyde	0.1	UJ
5103-71-9	alpha-Chlordane	0.05	UJ
5103-74-2	gamma-Chlordane	0.05	UJ
8001-35-2	Toxaphene	5.	UJ
12674-11-2	Aroclor-1016	1.	UJ
11104-28-2	Aroclor-1221	2.	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	1.	UJ
11096-82-5	Aroclor-1260	1.	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-5701-01					
	ORIGINAL ID ----->	041W570101					
	LAB SAMPLE ID --->	950991-15					
	ID FROM REPORT -->	041W570101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	01/10/96					
	DATE ANALYZED --->	01/11/96					
	MATRIX ---------->	Water					
	UNITS ----------->	%					
CAS #	Parameter	Z30301 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-5701-01					
	ORIGINAL ID ----->	041W570101					
	LAB SAMPLE ID --->	950991-15					
	ID FROM REPORT -->	041W570101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	01/11/96					
	DATE ANALYZED --->	01/10/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	Z30301 VAL					
9999900-03-3	Hardness as CaCO3	55.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z30301	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	UJ
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	UJ
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z30301	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	UJ
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE ANALYZED --->	12/04/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	150.	D
67-64-1	Acetone	13.	U
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE ANALYZED --->	12/04/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	01/10/96
DATE ANALYZED --->	01/11/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z30301	VAL
7429-90-5	Aluminum	7390.	
7440-36-0	Antimony	0.2	UR
7440-38-2	Arsenic	0.2	U
7440-39-3	Barium	25.3	J
7440-41-7	Beryllium	0.1	U
7440-43-9	Cadmium	0.3	U
7440-70-2	Calcium	19400.	
7440-47-3	Chromium	8.	U
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	7.2	J
7439-89-6	Iron	7360.	
7439-92-1	Lead	16.9	
7439-95-4	Magnesium	1570.	J
7439-96-5	Manganese	134.	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	1040.	J
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	U
7440-23-5	Sodium	6470.	
7440-28-0	Thallium	3.	UJ
7440-62-2	Vanadium	12.2	J
7440-66-6	Zinc	17.5	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 57 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-5701-01
ORIGINAL ID ----->	041W570101
LAB SAMPLE ID --->	950991-15
ID FROM REPORT -->	041W570101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z30301	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	UJ
72-43-5	Methoxychlor	0.5	UJ
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-5801-01					
	ORIGINAL ID ----->	041W580101					
	LAB SAMPLE ID --->	960055-21					
	ID FROM REPORT -->	041W580101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/09/96					
	DATE ANALYZED --->	02/14/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	M52A10 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-5801-01					
	ORIGINAL ID ----->	041W580101					
	LAB SAMPLE ID --->	960055-21					
	ID FROM REPORT -->	041W580101					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/14/96					
	DATE ANALYZED --->	02/09/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	M52A10 VAL					
9999900-03-3	Hardness as CaCO3	40.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/01/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	37.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	02/04/96
DATE ANALYZED --->	02/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
7429-90-5	Aluminum	1090.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	3.1	J
7440-39-3	Barium	3.4	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	UJ
7440-70-2	Calcium	9230.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	5.2	J
7439-89-6	Iron	4070.	
7439-92-1	Lead	7.4	
7439-95-4	Magnesium	4110.	J
7439-96-5	Manganese	4.9	U
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	1420.	J
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	11400.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	10.6	J
7440-66-6	Zinc	4.	U
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 58 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-5801-01
ORIGINAL ID ----->	041W580101
LAB SAMPLE ID --->	960055-21
ID FROM REPORT -->	041W580101
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/26/96
DATE ANALYZED --->	02/14/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-63A2-01					
	ORIGINAL ID ----->	041W63A201					
	LAB SAMPLE ID --->	960039-07					
	ID FROM REPORT -->	041W63A201					
	SAMPLE DATE ----->	01/18/96					
	DATE EXTRACTED -->	02/03/96					
	DATE ANALYZED --->	02/05/96					
	MATRIX ---------->	Water					
	UNITS ---------->	%					
CAS #	Parameter	63A401 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-63A2-01					
	ORIGINAL ID ----->	041W63A201					
	LAB SAMPLE ID --->	960039-07					
	ID FROM REPORT -->	041W63A201					
	SAMPLE DATE ----->	01/18/96					
	DATE EXTRACTED -->	02/05/96					
	DATE ANALYZED --->	02/03/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	63A401 VAL					
9999900-03-3	Hardness as CaCO3	120.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-63A2-01
ORIGINAL ID ----->	041W63A201
LAB SAMPLE ID --->	960039-07
ID FROM REPORT -->	041W63A201
SAMPLE DATE ----->	01/18/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	01/29/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-63A2-01
ORIGINAL ID ----->	041W63A201
LAB SAMPLE ID --->	960039-07
ID FROM REPORT -->	041W63A201
SAMPLE DATE ----->	01/18/96
DATE EXTRACTED -->	01/23/96
DATE ANALYZED --->	01/29/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	63A401	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-63A2-01
ORIGINAL ID ----->	041W63A201
LAB SAMPLE ID --->	960039-07
ID FROM REPORT -->	041W63A201
SAMPLE DATE ----->	01/18/96
DATE ANALYZED --->	01/20/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
74-87-3	Chloromethane	1.	UJ
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	4.	U
67-64-1	Acetone	10.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-63A2-01
ORIGINAL ID ----->	041W63A201
LAB SAMPLE ID --->	960039-07
ID FROM REPORT -->	041W63A201
SAMPLE DATE ----->	01/18/96
DATE ANALYZED --->	01/20/96
MATRIX --------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

METAL

SAMPLE ID -------> 041-W-63A2-01
ORIGINAL ID -----> 041W63A201
LAB SAMPLE ID ---> 960039-07
ID FROM REPORT --> 041W63A201
SAMPLE DATE -----> 01/18/96
DATE EXTRACTED --> 01/21/96
DATE ANALYZED ---> 01/22/96
MATRIX ----------> Water
UNITS ----------> UG/L

CAS #	Parameter	63A401	VAL
7429-90-5	Aluminum	2080.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	5.	J
7440-39-3	Barium	53.3	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	U
7440-70-2	Calcium	38700.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	5.	J
7439-89-6	Iron	483.	
7439-92-1	Lead	299.	
7439-95-4	Magnesium	5740.	
7439-96-5	Manganese	28.3	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	14700.	
7782-49-2	Selenium	8.	
7440-22-4	Silver	5.	U
7440-23-5	Sodium	28300.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	4.1	J
7440-66-6	Zinc	19.3	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63A Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-63A2-01
ORIGINAL ID ----->	041W63A201
LAB SAMPLE ID --->	960039-07
ID FROM REPORT -->	041W63A201
SAMPLE DATE ----->	01/18/96
DATE EXTRACTED -->	01/21/96
DATE ANALYZED --->	02/07/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	63A401	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01					
	ORIGINAL ID ----->	041W63B201		041W63B401					
	LAB SAMPLE ID --->	960039-08		960055-17					
	ID FROM REPORT -->	041W63B201		041W63B401					
	SAMPLE DATE ----->	01/18/96		01/24/96					
	DATE EXTRACTED -->	02/03/96		02/09/96					
	DATE ANALYZED --->	02/05/96		02/14/96					
	MATRIX ---------->	Water		Water					
	UNITS ----------->	%		%					
CAS #	Parameter	63A401	VAL	M52A10	VAL				
9999000-58-8	Percent Solids	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01			
	ORIGINAL ID ----->	041W63B201		041W63B401			
	LAB SAMPLE ID --->	960039-08		960055-17			
	ID FROM REPORT -->	041W63B201		041W63B401			
	SAMPLE DATE ----->	01/18/96		01/24/96			
	DATE EXTRACTED -->	02/05/96		02/14/96			
	DATE ANALYZED --->	02/03/96		02/09/96			
	MATRIX ---------->	Water		Water			
	UNITS ---------->	MG/L		MG/L			
CAS #	Parameter	63A401	VAL	M52A10	VAL		
9999900-03-3	Hardness as CaCO3	141.		136.			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01					
	ORIGINAL ID ----->	041W63B201		041W63B401					
	LAB SAMPLE ID --->	960039-08		960055-17					
	ID FROM REPORT -->	041W63B201		041W63B401					
	SAMPLE DATE ----->	01/18/96		01/24/96					
	DATE EXTRACTED -->	01/23/96		01/30/96					
	DATE ANALYZED --->	01/29/96		02/05/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	63A401	VAL	M52A10	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	UJ				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01					
	ORIGINAL ID ----->	041W63B201		041W63B401					
	LAB SAMPLE ID --->	960039-08		960055-17					
	ID FROM REPORT -->	041W63B201		041W63B401					
	SAMPLE DATE ----->	01/18/96		01/24/96					
	DATE EXTRACTED -->	01/23/96		01/30/96					
	DATE ANALYZED --->	01/29/96		02/05/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	63A401	VAL	M52A10	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	22.		5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

LOWVOA									
	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01					
	ORIGINAL ID ----->	041W63B201		041W63B401					
	LAB SAMPLE ID --->	960039-08		960055-17					
	ID FROM REPORT -->	041W63B201		041W63B401					
	SAMPLE DATE ----->	01/18/96		01/24/96					
	DATE ANALYZED --->	01/20/96		01/25/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	63A401	VAL	M52A10	VAL				
74-87-3	Chloromethane	1.	UJ	1.	U				
74-83-9	Bromomethane	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U				
75-09-2	Methylene chloride	5.	U	2.	U				
67-64-1	Acetone	9.	UR	11.	UR				
75-15-0	Carbon disulfide	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U				
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U				
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U				
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U				
591-78-6	2-Hexanone	5.	U	5.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U				
108-88-3	Toluene	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U				
1330-20-7	Xylene (Total)	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U				
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

LOWVOA									
	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01					
	ORIGINAL ID ----->	041W63B201		041W63B401					
	LAB SAMPLE ID --->	960039-08		960055-17					
	ID FROM REPORT -->	041W63B201		041W63B401					
	SAMPLE DATE ----->	01/18/96		01/24/96					
	DATE ANALYZED --->	01/20/96		01/25/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	63A401	VAL	M52A10	VAL				
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U				
74-97-5	Bromochloromethane	1.	U	1.	U				
106-93-4	1,2-Dibromoethane	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

METAL											
		SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01						
		ORIGINAL ID ----->	041W63B201		041W63B401						
		LAB SAMPLE ID --->	960039-08		960055-17						
		ID FROM REPORT -->	041W63B201		041W63B401						
		SAMPLE DATE ----->	01/18/96		01/24/96						
		DATE EXTRACTED -->	01/21/96		02/03/96						
		DATE ANALYZED --->	01/22/96		02/05/96						
		MATRIX ---------->	Water		Water						
		UNITS ---------->	UG/L		UG/L						
CAS #	Parameter		63A401	VAL	M52A10	VAL					
7429-90-5	Aluminum		1300.		157.	J					
7440-36-0	Antimony		10.	U	2.	UJ					
7440-38-2	Arsenic		3.1	J	2.	U					
7440-39-3	Barium		53.	J	44.7	J					
7440-41-7	Beryllium		1.	U	1.	U					
7440-43-9	Cadmium		2.	U	2.	UJ					
7440-70-2	Calcium		39000.		37800.						
7440-47-3	Chromium		5.	U	5.	U					
7440-48-4	Cobalt		2.	U	2.	U					
7440-50-8	Copper		4.	U	4.	U					
7439-89-6	Iron		1560.		206.						
7439-92-1	Lead		5.3		2.	U					
7439-95-4	Magnesium		10600.		10100.						
7439-96-5	Manganese		40.1		21.4						
7439-97-6	Mercury		0.13	U	0.13	U					
7440-02-0	Nickel		9.	U	9.	U					
7440-09-7	Potassium		7720.		7900.						
7782-49-2	Selenium		4.	U	4.	U					
7440-22-4	Silver		5.	U	5.	U					
7440-23-5	Sodium		71700.		64400.						
7440-28-0	Thallium		4.	U	4.	U					
7440-62-2	Vanadium		3.5	J	2.	U					
7440-66-6	Zinc		13.7	J	4.8	J					
57-12-5	Cyanide (CN)		5.	U	5.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 63B Phase II Surface Water Data

PEST

	SAMPLE ID ------->	041-W-63B2-01		041-W-63B4-01							
	ORIGINAL ID ----->	041W63B201		041W63B401							
	LAB SAMPLE ID --->	960039-08		960055-17							
	ID FROM REPORT -->	041W63B201		041W63B401							
	SAMPLE DATE ----->	01/18/96		01/24/96							
	DATE EXTRACTED -->	01/21/96		01/26/96							
	DATE ANALYZED --->	02/07/96		02/14/96							
	MATRIX ---------->	Water		Water							
	UNITS ---------->	UG/L		UG/L							
CAS #	Parameter	63A401	VAL	M52A10	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						
72-43-5	Methoxychlor	0.5	U	0.5	U						
53494-70-5	Endrin ketone	0.1	U	0.1	U						
7421-93-4	Endrin aldehyde	0.1	U	0.1	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						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-7201-01					
	ORIGINAL ID ----->	041W720101					
	LAB SAMPLE ID --->	950991-09					
	ID FROM REPORT -->	041W720101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	01/10/96					
	DATE ANALYZED --->	01/11/96					
	MATRIX ---------->	Water					
	UNITS ----------->	%					
CAS #	Parameter	Z30301 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-7201-01					
	ORIGINAL ID ----->	041W720101					
	LAB SAMPLE ID --->	950991-09					
	ID FROM REPORT -->	041W720101					
	SAMPLE DATE ----->	11/29/95					
	DATE EXTRACTED -->	01/11/96					
	DATE ANALYZED --->	01/10/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L					
CAS #	Parameter	Z30301	VAL				
9999900-03-3	Hardness as CaCO3	32.1					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-7201-01
ORIGINAL ID ----->	041W720101
LAB SAMPLE ID --->	950991-09
ID FROM REPORT -->	041W720101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-7201-01
ORIGINAL ID ----->	041W720101
LAB SAMPLE ID --->	950991-09
ID FROM REPORT -->	041W720101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	12/08/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	Z30301	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	7.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-7201-01
ORIGINAL ID ----->	041W720101
LAB SAMPLE ID --->	950991-09
ID FROM REPORT -->	041W720101
SAMPLE DATE ----->	11/29/95
DATE ANALYZED --->	12/04/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	12.	U
67-64-1	Acetone	5.	U
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-7201-01
ORIGINAL ID ----->	041W720101
LAB SAMPLE ID --->	950991-09
ID FROM REPORT -->	041W720101
SAMPLE DATE ----->	11/29/95
DATE ANALYZED --->	12/04/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

METAL		
	SAMPLE ID ------->	041-W-7201-01
	ORIGINAL ID ----->	041W720101
	LAB SAMPLE ID --->	950991-09
	ID FROM REPORT -->	041W720101
	SAMPLE DATE ----->	11/29/95
	DATE EXTRACTED -->	01/10/96
	DATE ANALYZED --->	01/11/96
	MATRIX ---------->	Water
	UNITS ---------->	UG/L

CAS #	Parameter	Z30301	VAL
7429-90-5	Aluminum	895.	
7440-36-0	Antimony	2.	UR
7440-38-2	Arsenic	2.	U
7440-39-3	Barium	8.8	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	3.	U
7440-70-2	Calcium	11000.	
7440-47-3	Chromium	8.	U
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	5.2	J
7439-89-6	Iron	559.	
7439-92-1	Lead	1.	U
7439-95-4	Magnesium	1140.	J
7439-96-5	Manganese	6.1	J
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	597.	J
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.4	J
7440-23-5	Sodium	3870.	J
7440-28-0	Thallium	5.3	J
7440-62-2	Vanadium	3.	J
7440-66-6	Zinc	9.	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 72 Phase II Surface Water Data

PEST

SAMPLE ID ------->	041-W-7201-01
ORIGINAL ID ----->	041W720101
LAB SAMPLE ID --->	950991-09
ID FROM REPORT -->	041W720101
SAMPLE DATE ----->	11/29/95
DATE EXTRACTED -->	12/02/95
DATE ANALYZED --->	01/05/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	Z30301	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	UJ
72-43-5	Methoxychlor	0.5	UJ
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

EDB											
		SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01				
		ORIGINAL ID ----->	03W000101		03W000201		03W000301				
		LAB SAMPLE ID --->	12521-1		12521-4		12521-5				
		ID FROM REPORT -->	03W000101		03W000201		03W000301				
		SAMPLE DATE ----->	08/22/95		08/22/95		08/22/95				
		DATE EXTRACTED -->	08/31/95		08/31/95		08/31/95				
		DATE ANALYZED --->	09/01/95		09/01/95		09/01/95				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		T512521	VAL	T512521	VAL	T512521	VAL			
106-93-4	1,2-Dibromoethane		0.02	U	0.02	U	0.02	U			

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

METAL													
		SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01						
		ORIGINAL ID ----->	003W000101		003W000201		003W000301						
		LAB SAMPLE ID --->	746210		746205		746251						
		ID FROM REPORT -->	MAC003		MAC002		MAC005						
		SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95						
		MATRIX ---------->	Water		Water		Water						
		UNITS ---------->	UG/L		UG/L		UG/L						
CAS #	Parameter		311993	VAL	311993	VAL	311993	VAL					
7429-90-5	Aluminum		1910.	J	676.	J	664.	J					
7440-36-0	Antimony		1.9	U	2.		1.9	U					
7440-38-2	Arsenic		2.7	U	2.7	U	2.7	U					
7440-39-3	Barium		44.1	U	7.1	U	5.8	U					
7440-41-7	Beryllium		0.1	U	0.1	U	0.1	U					
7440-43-9	Cadmium		0.94		0.5	U	0.5	U					
7440-70-2	Calcium		6080.		3830.		4140.						
7440-47-3	Chromium		2.7	U	1.4	U	1.2	U					
7440-48-4	Cobalt		0.5	U	0.5	U	0.5	U					
7440-50-8	Copper		18.4	U	6.7	U	6.7	U					
7439-89-6	Iron		10400.		419.		573.						
7439-92-1	Lead		48.9		2.2		1.6	U					
7439-95-4	Magnesium		1200.		649.		658.						
7439-96-5	Manganese		22.6		3.7		9.7						
7440-02-0	Nickel		2.4	U	2.4	U	2.4	U					
7440-09-7	Potassium		1970.		372.	U	363.	U					
7782-49-2	Selenium		3.4	U	3.4	U	3.4	U					
7440-22-4	Silver		4.5	U	4.5	U	4.5	U					
7440-23-5	Sodium		5170.		3380.	U	3390.	U					
7440-28-0	Thallium		3.6	U	3.6	U	3.6	U					
7440-62-2	Vanadium		5.4		1.6		1.						
7440-66-6	Zinc		21.4		13.8	U	29.8						
57-12-5	Cyanide (CN)		10.	U	10.	U	10.	U					
7439-97-6	Mercury		0.2	U	0.2	U	0.2	U					

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

PEST												
		SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01					
		ORIGINAL ID ----->	03W000101		03W000201		03W000301					
		LAB SAMPLE ID --->	746209 R1		746198		746250					
		ID FROM REPORT -->	03W000101		03W000201		03W000301					
		SAMPLE DATE ----->										
		DATE EXTRACTED -->	08/16/95		08/15/95		08/15/95					
		DATE ANALYZED --->	08/17/95		08/17/95		08/17/95					
		MATRIX ---------->	Water		Water		Water					
		UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter		00002	VAL	00002	VAL	00002	VAL				
319-84-6	alpha-BHC		0.05	U	0.05	U	0.05	U				
319-85-7	beta-BHC		0.05	U	0.05	U	0.05	U				
319-86-8	delta-BHC		0.05	U	0.05	U	0.5	U				
58-89-9	gamma-BHC (Lindane)		0.0061	J	0.05	U	0.05	U				
76-44-8	Heptachlor		0.05	U	0.05	U	0.05	U				
309-00-2	Aldrin		0.05	U	0.05	U	0.05	U				
1024-57-3	Heptachlor epoxide		0.0068	J	0.05	U	0.05	U				
959-98-8	Endosulfan I		0.05	U	0.05	U	0.05	U				
60-57-1	Dieldrin		0.1	U	0.1	U	0.1	U				
72-55-9	4,4'-DDE		0.1	U	0.1	U	0.1	U				
72-20-8	Endrin		0.1	U	0.1	U	0.1	U				
33213-65-9	Endosulfan II		0.1	U	0.1	U	0.1	U				
72-54-8	4,4'-DDD		0.1	U	0.1	U	0.1	U				
1031-07-8	Endosulfan sulfate		0.1	U	0.1	U	0.1	U				
50-29-3	4,4'-DDT		0.1	U	0.1	U	0.1	U				
72-43-5	Methoxychlor		0.5	U	0.5	U	0.5	U				
53494-70-5	Endrin ketone		0.1	U	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde		0.1	U	0.1	U	0.1	U				
5103-71-9	alpha-Chlordane		0.05	U	0.05	U	0.05	U				
5103-74-2	gamma-Chlordane		0.05	U	0.05	U	0.05	U				
8001-35-2	Toxaphene		5.	U	5.	U	5.	U				
12674-11-2	Aroclor-1016		1.	U	1.	U	1.	U				
11104-28-2	Aroclor-1221		2.	U	2.	U	2.	U				
11141-16-5	Aroclor-1232		1.	U	1.	U	1.	U				
53469-21-9	Aroclor-1242		1.	U	1.	U	1.	U				
12672-29-6	Aroclor-1248		1.	U	1.	U	1.	U				
11097-69-1	Aroclor-1254		1.	U	1.	U	1.	U				
11096-82-5	Aroclor-1260		1.	U	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

SVOA											
	SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01					
	ORIGINAL ID ----->	03W000101		03W000201		03W000301					
	LAB SAMPLE ID --->	746209		746198		746250					
	ID FROM REPORT -->	03W000101		03W000201		03W000301					
	SAMPLE DATE ----->										
	DATE EXTRACTED -->	08/15/95		08/15/95		08/15/95					
	DATE ANALYZED --->	08/17/95		08/17/95		08/17/95					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	00002	VAL	00002	VAL	00002	VAL				
106-44-5	4-Methylphenol (p-Cresol)	10.	U	10.	U	10.	U				
101-55-3	4-Bromophenyl-phenylether	10.	U	10.	U	10.	U				
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				
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				
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	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	25.	U	25.	U	25.	U				
91-58-7	2-Chloronaphthalene	10.	U	10.	U	10.	U				
88-74-4	2-Nitroaniline	25.	U	25.	U	25.	U				
131-11-3	Dimethylphthalate	10.	U	10.	U	10.	U				
606-20-2	2,6-Dinitrotoluene	10.	U	10.	U	10.	U				
208-96-8	Acenaphthylene	10.	U	10.	U	10.	U				
99-09-2	3-Nitroaniline	25.	U	25.	U	25.	U				
83-32-9	Acenaphthene	10.	U	10.	U	10.	U				
51-28-5	2,4-Dinitrophenol	25.	U	25.	U	25.	U				
100-02-7	4-Nitrophenol	25.	U	25.	U	25.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

SVOA											
		SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01				
		ORIGINAL ID ----->	03W000101		03W000201		03W000301				
		LAB SAMPLE ID --->	746209		746198		746250				
		ID FROM REPORT -->	03W000101		03W000201		03W000301				
		SAMPLE DATE ----->									
		DATE EXTRACTED -->	08/15/95		08/15/95		08/15/95				
		DATE ANALYZED --->	08/17/95		08/17/95		08/17/95				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		00002	VAL	00002	VAL	00002	VAL			
132-64-9	Dibenzofuran		10.	U	10.	U	10.	U			
84-66-2	Diethylphthalate		10.	U	10.	U	10.	U			
7005-72-3	4-Chlorophenylphenyl ether		10.	U	10.	U	10.	U			
86-73-7	Fluorene		10.	U	10.	U	10.	U			
100-01-6	4-Nitroaniline		25.	U	25.	U	25.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		25.	U	25.	U	25.	U			
86-30-6	N-Nitrosodiphenylamine		10.	U	10.	U	10.	U			
118-74-1	Hexachlorobenzene		10.	U	10.	U	10.	U			
87-86-5	Pentachlorophenol		25.	U	25.	U	25.	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			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		10.	U	10.	U	10.	U			
91-94-1	3,3'-Dichlorobenzidine		10.	U	10.	U	10.	U			
56-55-3	Benzo(a)anthracene		10.	U	10.	U	10.	U			
218-01-9	Chrysene		10.	U	10.	U	10.	U			
117-84-0	Di-n-octylphthalate		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			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		10.	U	10.	U	10.	U			
86-74-8	Carbazole		10.	U	10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

TPH								
	SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01		
	ORIGINAL ID ----->	003W000101		003W000201		003W000301		
	LAB SAMPLE ID --->	746211		746208		746252		
	ID FROM REPORT -->	003W000101		003W000201		003W000301		
	SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95		
	DATE EXTRACTED -->	08/29/95		08/29/95		08/29/95		
	DATE ANALYZED --->	08/29/95		08/29/95		08/29/95		
	MATRIX ---------->	Water		Water		Water		
	UNITS ----------->	MG/L		MG/L		MG/L		
CAS #	Parameter	31199.4	VAL	31199.4	VAL	31199.4	VAL	
9999900-02-4	Petroleum Hydrocarbons, TPH	1.2		1.4		0.25	U	

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Surface Water Data

VOA											
		SAMPLE ID ------->	003-W-0001-01		003-W-0002-01		003-W-0003-01				
		ORIGINAL ID ----->	03W000101		03W000201		03W000301				
		LAB SAMPLE ID --->	750937		750936		750939				
		ID FROM REPORT -->	03W000101		03W000201		03W000301				
		SAMPLE DATE ----->									
		DATE ANALYZED --->	08/30/95		08/30/95		08/30/95				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		00002	VAL	00002	VAL	00002	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		10.	U	10.	U	10.	U			
67-64-1	Acetone		10.	U	10.	U	10.	U			
75-15-0	Carbon disulfide		10.	U	10.	U	10.	U			
75-35-4	1,1-Dichloroethene		10.	U	10.	U	10.	U			
75-34-3	1,1-Dichloroethane		10.	U	10.	U	10.	U			
540-59-0	1,2-Dichloroethene (total)		4.	J	10.	U	10.	U			
67-66-3	Chloroform		10.	U	10.	U	10.	U			
107-06-2	1,2-Dichloroethane		10.	U	10.	U	10.	U			
78-93-3	2-Butanone (MEK)		10.	U	10.	U	10.	U			
71-55-6	1,1,1-Trichloroethane		10.	U	10.	U	10.	U			
56-23-5	Carbon tetrachloride		10.	U	10.	U	10.	U			
75-27-4	Bromodichloromethane		10.	U	10.	U	10.	U			
78-87-5	1,2-Dichloropropane		10.	U	10.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene		10.	U	10.	U	10.	U			
79-01-6	Trichloroethene		10.	U	10.	U	10.	U			
124-48-1	Dibromochloromethane		10.	U	10.	U	10.	U			
79-00-5	1,1,2-Trichloroethane		10.	U	10.	U	10.	U			
71-43-2	Benzene		55.		10.	U	10.	U			
10061-02-6	trans-1,3-Dichloropropene		10.	U	10.	U	10.	U			
75-25-2	Bromoform		10.	U	10.	U	10.	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		10.	U	10.	U	10.	U			
79-34-5	1,1,2,2-Tetrachloroethane		10.	U	10.	U	10.	U			
108-88-3	Toluene		25.		10.	U	10.	U			
108-90-7	Chlorobenzene		10.	U	10.	U	10.	U			
100-41-4	Ethylbenzene		13.		10.	U	10.	U			
100-42-5	Styrene		10.	U	10.	U	10.	U			
1330-20-7	Xylene (Total)		84.		10.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01				
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301				
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19				
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301				
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96				
	DATE EXTRACTED -->	02/06/96		02/06/96		02/06/96				
	DATE ANALYZED --->	02/07/96		02/07/96		02/07/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	%		%		%				
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL			
9999000-58-8	Percent Solids	NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

HARDNESS								
	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01		
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301		
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19		
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301		
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96		
	DATE EXTRACTED -->	02/07/96		02/07/96		02/07/96		
	DATE ANALYZED --->	02/06/96		02/06/96		02/06/96		
	MATRIX ---------->	Water		Water		Water		
	UNITS ---------->	MG/L		MG/L		MG/L		
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL	
9999900-03-3	Hardness as CaCO3	21.2		15.2		11.2		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->		041-W-W101-01		041-W-W102-01		041-W-W103-01							
ORIGINAL ID ----->		041WW10101		041WW10201		041WW10301							
LAB SAMPLE ID --->		960043-17		960043-18		960043-19							
ID FROM REPORT -->		041WW10101		041WW10201		041WW10301							
SAMPLE DATE ----->		01/22/96		01/22/96		01/22/96							
DATE EXTRACTED -->		01/26/96		01/26/96		01/26/96							
DATE ANALYZED --->		01/30/96		02/05/96		02/05/96							
MATRIX ---------->		Water		Water		Water							
UNITS ----------->		UG/L		UG/L		UG/L							
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL						
108-95-2	Phenol	5.	U	5.	U	5.	U						
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U	1.	U						
95-57-8	2-Chlorophenol	5.	U	5.	U	5.	U						
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U	5.	U						
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U	5.	U						
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U	5.	U						
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U	5.	U						
67-72-1	Hexachloroethane	5.	U	5.	U	5.	U						
98-95-3	Nitrobenzene	5.	U	5.	U	5.	U						
78-59-1	Isophorone	5.	U	5.	U	5.	U						
88-75-5	2-Nitrophenol	5.	U	5.	U	5.	U						
105-67-9	2,4-Dimethylphenol	5.	U	5.	U	5.	U						
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U	5.	U						
120-83-2	2,4-Dichlorophenol	5.	U	5.	U	5.	U						
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U	5.	U						
91-20-3	Naphthalene	6.		1.	U	1.	U						
106-47-8	4-Chloroaniline	5.	U	5.	U	5.	U						
87-68-3	Hexachlorobutadiene	5.	U	5.	U	5.	U						
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U	5.	U						
91-57-6	2-Methylnaphthalene	3.		1.	U	1.	U						
77-47-4	Hexachlorocyclopentadiene	5.	UJ	5.	UJ	5.	UJ						
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U	5.	U						
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U	20.	U						
91-58-7	2-Chloronaphthalene	5.	U	5.	U	5.	U						
88-74-4	2-Nitroaniline	5.	U	5.	U	5.	U						
131-11-3	Dimethylphthalate	5.	U	5.	U	5.	U						
208-96-8	Acenaphthylene	1.	U	1.	U	1.	U						
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U	5.	U						
99-09-2	3-Nitroaniline	20.	U	20.	U	20.	U						
83-32-9	Acenaphthene	1.	U	1.	U	1.	U						
51-28-5	2,4-Dinitrophenol	20.	U	20.	U	20.	U						
100-02-7	4-Nitrophenol	20.	U	20.	U	20.	U						
132-64-9	Dibenzofuran	5.	U	5.	U	5.	U						
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U	5.	U						
84-66-2	Diethylphthalate	5.	U	5.	U	5.	U						
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U	5.	U						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

LOWSVOA											
	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01					
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301					
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19					
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301					
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96					
	DATE EXTRACTED -->	01/26/96		01/26/96		01/26/96					
	DATE ANALYZED --->	01/30/96		02/05/96		02/05/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL				
86-73-7	Fluorene	1.	U	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.		5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

LOWVOA

	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01				
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301				
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19				
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301				
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96				
	DATE ANALYZED --->	01/24/96		01/24/96		01/25/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL			
74-87-3	Chloromethane	1.	UJ	1.	UJ	1.	UJ			
74-83-9	Bromomethane	1.	U	1.	U	1.	U			
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U			
75-00-3	Chloroethane	1.	U	1.	U	1.	U			
75-09-2	Methylene chloride	2.	U	4.	U	2.	U			
67-64-1	Acetone	13.	J	42.	UR	12.	UR			
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U			
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U			
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U			
156-59-2	cis-1,2-Dichloroethene	3.		1.	U	1.	U			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U	1.	U			
67-66-3	Chloroform	1.	U	1.	U	1.	U			
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U			
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR	5.	UR			
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U			
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U			
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U			
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U			
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U			
79-01-6	Trichloroethene	1.	U	1.	U	1.	U			
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U			
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U			
71-43-2	Benzene	16.		24.		1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U			
75-25-2	Bromoform	1.	U	1.	U	1.	U			
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U	1.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U	5.	U			
591-78-6	2-Hexanone	5.	UR	5.	UR	5.	U			
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U			
108-88-3	Toluene	3.		3.		1.	U			
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U			
100-41-4	Ethylbenzene	7.		11.		1.	U			
100-42-5	Styrene	1.	U	1.	U	1.	U			
1330-20-7	Xylene (Total)	46.		150.	D	1.	U			
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U	1.	U			
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

LOWVOA											
	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01					
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301					
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19					
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301					
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96					
	DATE ANALYZED --->	01/24/96		01/24/96		01/25/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL				
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U	1.	U				
74-97-5	Bromochloromethane	1.	U	1.	U	1.	U				
106-93-4	1,2-Dibromoethane	1.	U	1.	U	1.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

METAL											
	SAMPLE ID ---------->	041-W-W101-01		041-W-W102-01		041-W-W103-01					
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301					
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19					
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301					
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96					
	DATE EXTRACTED -->	01/30/96		01/30/96		01/30/96					
	DATE ANALYZED --->	02/01/96		02/01/96		02/01/96					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL				
7429-90-5	Aluminum	1840.	J	2270.	J	1280.	U				
7440-36-0	Antimony	2.	UJ	2.	U	2.	UJ				
7440-38-2	Arsenic	2.3	U	2.	U	4.5	U				
7440-39-3	Barium	12.2	U	57.8	J	7.3	U				
7440-41-7	Beryllium	1.	U	1.	U	1.	U				
7440-43-9	Cadmium	2.	U	2.	U	2.	U				
7440-70-2	Calcium	6790.	J	4730.	J	3260.	J				
7440-47-3	Chromium	5.	U	5.	U	5.	U				
7440-48-4	Cobalt	2.	U	2.	U	2.	U				
7440-50-8	Copper	7.8	J	6.6	J	4.	U				
7439-89-6	Iron	2580.		2790.		610.					
7439-92-1	Lead	56.4		9.5		4.7					
7439-95-4	Magnesium	1020.	J	834.	J	736.	J				
7439-96-5	Manganese	27.4		7.4	J	5.7	J				
7439-97-6	Mercury	0.13	U	0.13	U	0.13	U				
7440-02-0	Nickel	9.	U	9.	U	9.	U				
7440-09-7	Potassium	741.	J	1410.	J	361.	J				
7782-49-2	Selenium	4.	U	4.	U	4.	U				
7440-22-4	Silver	5.	U	5.	U	5.	U				
7440-23-5	Sodium	4240.	U	3840.	U	3620.	U				
7440-28-0	Thallium	4.	U	4.	U	4.	U				
7440-62-2	Vanadium	2.9	J	10.8	J	3.3	J				
7440-66-6	Zinc	21.	U	45.4	U	64.8	U				
57-12-5	Cyanide (CN)	5.	U	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W1 Phase II Surface Water Data

PEST												
	SAMPLE ID ------->	041-W-W101-01		041-W-W102-01		041-W-W103-01						
	ORIGINAL ID ----->	041WW10101		041WW10201		041WW10301						
	LAB SAMPLE ID --->	960043-17		960043-18		960043-19						
	ID FROM REPORT -->	041WW10101		041WW10201		041WW10301						
	SAMPLE DATE ----->	01/22/96		01/22/96		01/22/96						
	DATE EXTRACTED -->	01/24/96		01/24/96		01/24/96						
	DATE ANALYZED --->	02/08/96		02/10/96		02/10/96						
	MATRIX ---------->	Water		Water		Water						
	UNITS ---------->	UG/L		UG/L		UG/L						
CAS #	Parameter	M00901	VAL	M00901	VAL	M00901	VAL					
319-84-6	alpha-BHC	0.05	U	0.05	UJ	0.05	U					
319-85-7	beta-BHC	0.05	U	0.05	UJ	0.05	U					
319-86-8	delta-BHC	0.05	U	0.05	UJ	0.05	U					
58-89-9	gamma-BHC (Lindane)	0.05	U	0.05	UJ	0.05	U					
76-44-8	Heptachlor	0.05	U	0.05	UJ	0.05	U					
309-00-2	Aldrin	0.05	U	0.05	UJ	0.05	U					
1024-57-3	Heptachlor epoxide	0.05	U	0.05	UJ	0.05	U					
959-98-8	Endosulfan I	0.05	U	0.05	UJ	0.05	U					
60-57-1	Dieldrin	0.1	U	0.1	UJ	0.1	U					
72-55-9	4,4'-DDE	0.1	U	0.1	UJ	0.1	U					
72-20-8	Endrin	0.1	U	0.1	UJ	0.1	U					
33213-65-9	Endosulfan II	0.1	U	0.1	UJ	0.1	U					
72-54-8	4,4'-DDD	0.1	U	0.1	UJ	0.1	U					
1031-07-8	Endosulfan sulfate	0.1	U	0.1	UJ	0.1	U					
50-29-3	4,4'-DDT	0.1	U	0.1	UJ	0.1	U					
72-43-5	Methoxychlor	0.5	U	0.5	UJ	0.5	U					
53494-70-5	Endrin ketone	0.1	U	0.1	UJ	0.1	U					
7421-93-4	Endrin aldehyde	0.1	U	0.1	UJ	0.1	U					
5103-71-9	alpha-Chlordane	0.05	U	0.25	J	0.05	U					
5103-74-2	gamma-Chlordane	0.05	U	0.05	UJ	0.05	U					
8001-35-2	Toxaphene	5.	U	5.	UJ	5.	U					
12674-11-2	Aroclor-1016	1.	U	1.	UJ	1.	U					
11104-28-2	Aroclor-1221	2.	U	2.	UJ	2.	U					
11141-16-5	Aroclor-1232	1.	U	1.	UJ	1.	U					
53469-21-9	Aroclor-1242	1.	U	1.	UJ	1.	U					
12672-29-6	Aroclor-1248	1.	U	1.	UJ	1.	U					
11097-69-1	Aroclor-1254	1.	U	1.	UJ	1.	U					
11096-82-5	Aroclor-1260	1.	U	1.	UJ	1.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

% SOLID	SAMPLE ID ------->	041-W-W202-01
	ORIGINAL ID ----->	041WW20201
	LAB SAMPLE ID --->	960055-18
	ID FROM REPORT -->	041WW20201
	SAMPLE DATE ----->	01/24/96
	DATE EXTRACTED -->	02/09/96
	DATE ANALYZED --->	02/14/96
	MATRIX ---------->	Water
	UNITS ---------->	%

CAS #	Parameter	M52A10	VAL
9999000-58-8	Percent Solids	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-W202-01					
	ORIGINAL ID ----->	041WW20201					
	LAB SAMPLE ID --->	960055-18					
	ID FROM REPORT -->	041WW20201					
	SAMPLE DATE ----->	01/24/96					
	DATE EXTRACTED -->	02/14/96					
	DATE ANALYZED --->	02/09/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L					
CAS #	Parameter	M52A10 VAL					
9999900-03-3	Hardness as CaCO3	43.3					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-W202-01
ORIGINAL ID ----->	041WW20201
LAB SAMPLE ID --->	960055-18
ID FROM REPORT -->	041WW20201
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/08/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	
77-47-4	Hexachlorocyclopentadiene	5.	UJ
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-W202-01
ORIGINAL ID ----->	041WW20201
LAB SAMPLE ID --->	960055-18
ID FROM REPORT -->	041WW20201
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	01/30/96
DATE ANALYZED --->	02/08/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-W202-01
ORIGINAL ID ----->	041WW20201
LAB SAMPLE ID --->	960055-18
ID FROM REPORT -->	041WW20201
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	33.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-W202-01
ORIGINAL ID ----->	041WW20201
LAB SAMPLE ID --->	960055-18
ID FROM REPORT -->	041WW20201
SAMPLE DATE ----->	01/24/96
DATE ANALYZED --->	01/25/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M52A10	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

METAL

SAMPLE ID ------->	041-W-W202-01
ORIGINAL ID ----->	041WW20201
LAB SAMPLE ID --->	960055-18
ID FROM REPORT -->	041WW20201
SAMPLE DATE ----->	01/24/96
DATE EXTRACTED -->	02/03/96
DATE ANALYZED --->	02/05/96
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M52A10	VAL
7429-90-5	Aluminum	213.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	2.	U
7440-39-3	Barium	8.2	J
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	2.	UJ
7440-70-2	Calcium	15000.	
7440-47-3	Chromium	5.	U
7440-48-4	Cobalt	2.	U
7440-50-8	Copper	6.8	J
7439-89-6	Iron	309.	
7439-92-1	Lead	2.	U
7439-95-4	Magnesium	1450.	J
7439-96-5	Manganese	17.2	
7439-97-6	Mercury	0.13	U
7440-02-0	Nickel	9.	U
7440-09-7	Potassium	1870.	J
7782-49-2	Selenium	4.	U
7440-22-4	Silver	5.	U
7440-23-5	Sodium	5260.	
7440-28-0	Thallium	4.	U
7440-62-2	Vanadium	2.	U
7440-66-6	Zinc	8.8	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland W2 Phase II Surface Water Data

PEST

SAMPLE ID -------> 041-W-W202-01
ORIGINAL ID -----> 041WW20201
LAB SAMPLE ID ---> 960055-18
ID FROM REPORT --> 041WW20201
SAMPLE DATE -----> 01/24/96
DATE EXTRACTED --> 01/26/96
DATE ANALYZED ---> 02/14/96
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	M52A10	VAL
319-84-6	alpha-BHC	0.05	UJ
319-85-7	beta-BHC	0.05	UJ
319-86-8	delta-BHC	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	UJ
76-44-8	Heptachlor	0.05	UJ
309-00-2	Aldrin	0.05	UJ
1024-57-3	Heptachlor epoxide	0.05	UJ
959-98-8	Endosulfan I	0.05	UJ
60-57-1	Dieldrin	0.1	UJ
72-55-9	4,4'-DDE	0.1	UJ
72-20-8	Endrin	0.1	UJ
33213-65-9	Endosulfan II	0.1	UJ
72-54-8	4,4'-DDD	0.1	UJ
1031-07-8	Endosulfan sulfate	0.1	UJ
50-29-3	4,4'-DDT	0.1	UJ
72-43-5	Methoxychlor	0.5	UJ
53494-70-5	Endrin ketone	0.1	UJ
7421-93-4	Endrin aldehyde	0.1	UJ
5103-71-9	alpha-Chlordane	0.05	UJ
5103-74-2	gamma-Chlordane	0.05	UJ
8001-35-2	Toxaphene	5.	UJ
12674-11-2	Aroclor-1016	1.	UJ
11104-28-2	Aroclor-1221	2.	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	1.	UJ
11096-82-5	Aroclor-1260	1.	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
NAS PENSACOLA, SITE 41 - RI
Wetland W1 Phase II Sediment Sample

METAL												
		SAMPLE ID ------->	003-M-0001-01		003-M-0002-01		003-M-0003-01					
		ORIGINAL ID ----->	003M000101		003M000201		003M000301					
		LAB SAMPLE ID --->	746288		746255		746284					
		ID FROM REPORT -->	003M000101		003M000201		003M000301					
		SAMPLE DATE ----->	08/09/95		08/09/95		08/09/95					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter		119925	VAL	119925	VAL	119925	VAL				
7429-90-5	Aluminum		13400.	J	228.	J	919.	J				
7440-36-0	Antimony		1.7	U	0.48	U	0.55	U				
7440-38-2	Arsenic		2.4	U	0.68	U	0.79	U				
7440-39-3	Barium		27.6		0.63	U	3.3					
7440-41-7	Beryllium		0.23	U	0.03	U	0.03	U				
7440-43-9	Cadmium		4.1		0.13	U	0.15	U				
7440-70-2	Calcium		2020.		44.3		723.					
7440-47-3	Chromium		15.2		0.37	U	1.	U				
7440-48-4	Cobalt		0.45		0.13	U	0.15	U				
7440-50-8	Copper		105.		1.7	U	2.	U				
7439-89-6	Iron		3670.	J	219.	J	536.	J				
7439-92-1	Lead		525.		1.		14.1					
7439-95-4	Magnesium		529.		12.1	U	59.3	U				
7439-96-5	Manganese		12.6		0.69	U	5.6					
7440-02-0	Nickel		3.3		0.61	U	0.7	U				
7440-09-7	Potassium		324.		22.9		37.1					
7782-49-2	Selenium		4.		0.86	U	0.99	U				
7440-22-4	Silver		4.	U	1.1	U	1.3	U				
7440-23-5	Sodium		1010.	U	283.	U	300.	U				
7440-28-0	Thallium		3.2	U	0.91	U	1.	U				
7440-62-2	Vanadium		18.7		0.32		1.9					
7440-66-6	Zinc		60.5		3.	U	11.1					
57-12-5	Cyanide (CN)		2.3	U	0.63	U	0.73	U				
7439-97-6	Mercury		0.45	U	0.13	U	0.14	U				

*** Validation Complete ***

Reference Wetland Sediment Data

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01				
	ORIGINAL ID ----->	041M250101		041M250201		041M250301				
	LAB SAMPLE ID --->	950941-05		950941-06		950941-07				
	ID FROM REPORT -->	041M250101		041M250201		041M250301				
	SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95				
	DATE EXTRACTED -->	12/19/95		12/19/95		12/19/95				
	DATE ANALYZED --->	12/20/95		12/20/95		12/20/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	%		%		%				
CAS #	Parameter	M06010	VAL	M06010	VAL	M06010	VAL			
9999000-58-8	Percent Solids	10.3		13.9		12.6				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

GRAIN SIZE											
		SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01				
		ORIGINAL ID ----->	041M250101		041M250101		041M250301				
		LAB SAMPLE ID --->	GTX-921-05		GTX-921-06		GTX-921-07				
		ID FROM REPORT -->	041M250101		041M250101		041M250301				
		SAMPLE DATE ----->									
		DATE ANALYZED --->	11/22/95		11/22/95		11/22/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	%		%		%				
CAS #	Parameter		M06010	VAL	M06010	VAL	M06010	VAL			
9999900-32-7	Seive Size #10		100.	NA	100.	NA	100.	NA			
9999900-32-8	Seive Size #20		98.	NA	100.	NA	98.	NA			
9999900-32-9	Seive Size #40		85.	NA	95.	NA	94.	NA			
9999900-33-1	Seive Size #100		64.	NA	72.	NA	79.	NA			
9999900-33-0	Seive Size #60		69.	NA	83.	NA	88.	NA			
9999900-33-2	Seive Size #200		63.	NA	70.	NA	76.	NA			
9999900-33-3	Seive Size Pan		0.	NA	0.	NA	0.	NA			
9999900-32-5	Seive Size 0.375"		NR		NR		NR				
9999900-32-6	Seive Size #4		NR		NR		NR				
9999900-33-4	Seive Size 1"		NR		NR		NR				
9999900-33-5	Seive Size .75"		NR		NR		NR				
9999900-33-6	Seive Size .5"		NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

METAL														
		SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01							
		ORIGINAL ID ----->	041M250101		041M250201		041M250301							
		LAB SAMPLE ID --->	950941-05		950941-06		950941-07							
		ID FROM REPORT -->	041M250101		041M250201		041M250301							
		SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95							
		DATE EXTRACTED -->	12/19/95		12/19/95		12/19/95							
		DATE ANALYZED --->	12/20/95		12/20/95		12/20/95							
		MATRIX ---------->	Sediment		Sediment		Sediment							
		UNITS ---------->	MG/KG		MG/KG		MG/KG							
CAS #	Parameter		M06010	VAL	M06010	VAL	M06010	VAL						
7429-90-5	Aluminum		4180.	J	8780.	J	12500.	J						
7440-36-0	Antimony		4.6	UR	0.7	UR	0.78	UR						
7440-38-2	Arsenic		1.1	J	8.		8.8							
7440-39-3	Barium		2.3	J	5.6	J	8.6	J						
7440-41-7	Beryllium		0.46	U	0.47	J	0.59	J						
7440-43-9	Cadmium		1.4	U	1.	U	1.3	J						
7440-70-2	Calcium		1770.	J	3700.	J	17900.	J						
7440-47-3	Chromium		7.1		33.		59.1							
7440-48-4	Cobalt		1.6	J	1.9	J	2.	J						
7440-50-8	Copper		6.1	J	12.2	J	19.6	J						
7439-89-6	Iron		1780.	J	13500.	J	18500.	J						
7439-92-1	Lead		21.4	J	32.1	J	58.7	J						
7439-95-4	Magnesium		1420.	J	5490.		6660.							
7439-96-5	Manganese		2.6	J	30.7		66.							
7439-97-6	Mercury		0.44	U	0.31	U	0.4	U						
7440-02-0	Nickel		5.5	U	6.9	J	6.5	J						
7440-09-7	Potassium		172.	J	1430.	J	2060.							
7782-49-2	Selenium		1.4	U	1.9	J	1.2	U						
7440-22-4	Silver		1.8	UJ	1.4	UJ	1.6	UJ						
7440-23-5	Sodium		640.	J	22400.	J	24700.	J						
7440-28-0	Thallium		1.4	U	1.	U	1.2	U						
7440-62-2	Vanadium		10.1	J	22.8		33.7							
7440-66-6	Zinc		7.3	J	21.7	J	57.1	J						
57-12-5	Cyanide (CN)		4.8	U	3.5	U	3.8	U						

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

PEST											
		SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01				
		ORIGINAL ID ----->	041M250101		041M250201		041M250301				
		LAB SAMPLE ID --->	950941-05		950941-06		950941-07				
		ID FROM REPORT -->	041M250101		041M250201		041M250301				
		SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95				
		DATE EXTRACTED -->	11/18/95		12/13/95		11/18/95				
		DATE ANALYZED --->	12/13/95		12/19/95		12/19/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		M06010	VAL	M06010	VAL	M06010	VAL			
319-84-6	alpha-BHC		0.82	UJ	0.59	U	0.67	J			
319-85-7	beta-BHC		0.82	U	0.59	U	0.26	U			
319-86-8	delta-BHC		0.82	U	0.59	U	0.26	U			
58-89-9	gamma-BHC (Lindane)		0.82	U	0.59	U	1.3	J			
76-44-8	Heptachlor		0.82	U	0.59	U	0.26	U			
309-00-2	Aldrin		0.82	U	1.4	J	0.28	J			
1024-57-3	Heptachlor epoxide		0.82	U	0.59	U	0.26	U			
959-98-8	Endosulfan I		1.7	U	1.2	U	0.53	U			
60-57-1	Dieldrin		1.7	U	1.2	U	0.53	U			
72-55-9	4,4'-DDE		1.7	U	2.	J	1.3	J			
72-20-8	Endrin		1.7	U	1.9	J	0.84	J			
33213-65-9	Endosulfan II		1.7	U	1.2	U	0.53	U			
72-54-8	4,4'-DDD		1.7	U	1.2	U	0.53	U			
1031-07-8	Endosulfan sulfate		1.7	U	1.2	U	0.53	U			
50-29-3	4,4'-DDT		1.8	J	1.2	U	0.53	U			
72-43-5	Methoxychlor		8.2	U	5.9	U	2.6	U			
53494-70-5	Endrin ketone		1.7	U	1.2	U	0.53	U			
7421-93-4	Endrin aldehyde		1.7	U	1.2	U	0.53	U			
5103-71-9	alpha-Chlordane		0.82	U	0.88	J	0.56	J			
5103-74-2	gamma-Chlordane		0.82	U	0.59	U	0.26	U			
8001-35-2	Toxaphene		170.	U	120.	U	53.	U			
12674-11-2	Aroclor-1016		33.	U	23.	U	10.	U			
11104-28-2	Aroclor-1221		66.	U	48.	U	21.	U			
11141-16-5	Aroclor-1232		33.	U	23.	U	10.	U			
53469-21-9	Aroclor-1242		33.	U	23.	U	10.	U			
12672-29-6	Aroclor-1248		33.	U	23.	U	10.	U			
11097-69-1	Aroclor-1254		17.	J	11.	J	4.3	J			
11096-82-5	Aroclor-1260		33.	U	23.	U	10.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-2502-01		041-M-2503-01					
	ORIGINAL ID ----->	041M250201		041M250301					
	LAB SAMPLE ID --->	950941-06		950941-07					
	ID FROM REPORT -->	041M250201		041M250301					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	11/26/95		11/26/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	M06010	VAL	M06010	VAL				
108-95-2	Phenol	2300.	U	1000.	U				
111-44-4	bis(2-Chloroethyl)ether	230.	U	100.	U				
95-57-8	2-Chlorophenol	2300.	U	1000.	U				
541-73-1	1,3-Dichlorobenzene	2300.	U	1000.	U				
106-46-7	1,4-Dichlorobenzene	2300.	U	1000.	U				
95-50-1	1,2-Dichlorobenzene	2300.	U	1000.	U				
95-48-7	2-Methylphenol (o-Cresol)	2300.	U	1000.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	2300.	UJ	1000.	UJ				
106-44-5	4-Methylphenol (p-Cresol)	2300.	U	1000.	U				
621-64-7	N-Nitroso-di-n-propylamine	230.	U	100.	U				
67-72-1	Hexachloroethane	2300.	U	1000.	U				
98-95-3	Nitrobenzene	2300.	U	1000.	U				
78-59-1	Isophorone	2300.	U	1000.	U				
88-75-5	2-Nitrophenol	2300.	U	1000.	U				
105-67-9	2,4-Dimethylphenol	2300.	U	1000.	U				
111-91-1	bis(2-Chloroethoxy)methane	2300.	U	1000.	U				
120-83-2	2,4-Dichlorophenol	2300.	U	1000.	U				
120-82-1	1,2,4-Trichlorobenzene	2300.	U	1000.	U				
91-20-3	Naphthalene	230.	U	100.	U				
106-47-8	4-Chloroaniline	2300.	U	1000.	U				
87-68-3	Hexachlorobutadiene	2300.	U	1000.	U				
59-50-7	4-Chloro-3-methylphenol	2300.	U	1000.	U				
91-57-6	2-Methylnaphthalene	230.	U	100.	U				
77-47-4	Hexachlorocyclopentadiene	2300.	U	1000.	U				
88-06-2	2,4,6-Trichlorophenol	2300.	U	1000.	U				
95-95-4	2,4,5-Trichlorophenol	5700.	U	2500.	U				
91-58-7	2-Chloronaphthalene	2300.	U	1000.	U				
88-74-4	2-Nitroaniline	2300.	U	1000.	U				
131-11-3	Dimethylphthalate	2300.	U	1000.	U				
208-96-8	Acenaphthylene	230.	U	100.	U				
606-20-2	2,6-Dinitrotoluene	2300.	U	1000.	U				
99-09-2	3-Nitroaniline	5700.	U	2500.	U				
83-32-9	Acenaphthene	110.	U	50.	U				
51-28-5	2,4-Dinitrophenol	5700.	U	2500.	U				
100-02-7	4-Nitrophenol	5700.	UJ	2500.	UJ				
132-64-9	Dibenzofuran	2300.	U	1000.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-2502-01		041-M-2503-01					
	ORIGINAL ID ----->	041M250201		041M250301					
	LAB SAMPLE ID --->	950941-06		950941-07					
	ID FROM REPORT -->	041M250201		041M250301					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	11/26/95		11/26/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	M06010	VAL	M06010	VAL				
121-14-2	2,4-Dinitrotoluene	2300.	U	1000.	U				
84-66-2	Diethylphthalate	2300.	U	1000.	U				
7005-72-3	4-Chlorophenylphenyl ether	2300.	U	1000.	U				
86-73-7	Fluorene	110.	U	50.	U				
100-01-6	4-Nitroaniline	5700.	U	2500.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	5700.	U	2500.	U				
86-30-6	N-Nitrosodiphenylamine	2300.	U	1000.	U				
101-55-3	4-Bromophenyl-phenylether	2300.	U	1000.	U				
118-74-1	Hexachlorobenzene	2300.	U	1000.	U				
87-86-5	Pentachlorophenol	5700.	U	2500.	U				
85-01-8	Phenanthrene	230.	U	100.	U				
120-12-7	Anthracene	230.	U	100.	U				
86-74-8	Carbazole	2300.	U	1000.	U				
84-74-2	Di-n-butylphthalate	2300.	U	1000.	U				
206-44-0	Fluoranthene	230.	U	100.	U				
129-00-0	Pyrene	230.	U	100.	U				
85-68-7	Butylbenzylphthalate	2300.	U	1000.	U				
91-94-1	3,3'-Dichlorobenzidine	2300.	U	1000.	U				
56-55-3	Benzo(a)anthracene	230.	U	100.	U				
218-01-9	Chrysene	230.	U	100.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	2300.	U	1000.	U				
117-84-0	Di-n-octylphthalate	2300.	U	1000.	U				
205-99-2	Benzo(b)fluoranthene	230.	U	59.	J				
207-08-9	Benzo(k)fluoranthene	230.	U	100.	U				
50-32-8	Benzo(a)pyrene	230.	U	100.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	230.	U	100.	U				
53-70-3	Dibenz(a,h)anthracene	230.	U	100.	U				
191-24-2	Benzo(g,h,i)perylene	230.	U	100.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

TOC									
		SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01		
		ORIGINAL ID ----->	041M250101		041M250201		041M250301		
		LAB SAMPLE ID --->	950941-05		950941-06		950941-07		
		ID FROM REPORT -->	041M250101		041M250201		041M250301		
		SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95		
		DATE EXTRACTED -->	11/28/95		11/28/95		11/28/95		
		DATE ANALYZED --->	11/28/95		11/28/95		11/28/95		
		MATRIX --------->	Sediment		Sediment		Sediment		
		UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter		M06010	VAL	M06010	VAL	M06010	VAL	
9999900-01-4	Total Organic Carbon (TOC)		212000.		121000.		125000.		

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Fresh Water Reference Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-2501-01		041-M-2502-01		041-M-2503-01				
		ORIGINAL ID ----->	041M250101		041M250201		041M250301				
		LAB SAMPLE ID --->	950941-05		950941-06		950941-07				
		ID FROM REPORT -->	041M250101		041M250201		041M250301				
		SAMPLE DATE ----->	11/15/95		11/15/95		11/15/95				
		DATE ANALYZED --->	11/22/95		11/21/95		11/22/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		M06010	VAL	M06010	VAL	M06010	VAL			
74-87-3	Chloromethane		110.	U	77.	U	59.	U			
74-83-9	Bromomethane		110.	U	77.	U	59.	U			
75-01-4	Vinyl chloride		33.	U	23.	U	18.	U			
75-00-3	Chloroethane		110.	U	77.	U	59.	U			
75-09-2	Methylene chloride		110.	U	140.	U	59.	U			
67-64-1	Acetone		110.	U	77.	U	940.	J			
75-15-0	Carbon disulfide		110.	U	77.	U	59.	U			
75-35-4	1,1-Dichloroethene		110.	U	77.	U	59.	U			
75-34-3	1,1-Dichloroethane		110.	U	77.	U	59.	U			
540-59-0	1,2-Dichloroethene (total)		110.	U	77.	U	59.	U			
67-66-3	Chloroform		110.	U	77.	U	59.	U			
107-06-2	1,2-Dichloroethane		110.	U	77.	U	59.	U			
78-93-3	2-Butanone (MEK)		110.	U	77.	U	59.	U			
71-55-6	1,1,1-Trichloroethane		110.	U	77.	U	59.	U			
56-23-5	Carbon tetrachloride		110.	U	77.	U	59.	U			
75-27-4	Bromodichloromethane		110.	U	77.	U	59.	U			
78-87-5	1,2-Dichloropropane		110.	U	77.	U	59.	U			
10061-01-5	cis-1,3-Dichloropropene		110.	U	77.	U	59.	U			
79-01-6	Trichloroethene		110.	U	77.	U	59.	U			
124-48-1	Dibromochloromethane		110.	U	77.	U	59.	U			
79-00-5	1,1,2-Trichloroethane		110.	U	77.	U	59.	U			
71-43-2	Benzene		110.	U	77.	U	59.	U			
10061-02-6	trans-1,3-Dichloropropene		110.	U	77.	U	59.	U			
75-25-2	Bromoform		110.	U	77.	U	59.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		110.	U	77.	UJ	59.	U			
591-78-6	2-Hexanone		110.	U	77.	UJ	59.	U			
127-18-4	Tetrachloroethene		23.	J	77.	UJ	59.	U			
79-34-5	1,1,2,2-Tetrachloroethane		110.	U	77.	UJ	59.	U			
108-88-3	Toluene		110.	U	77.	UJ	59.	U			
108-90-7	Chlorobenzene		110.	U	77.	UJ	59.	U			
100-41-4	Ethylbenzene		110.	U	77.	UJ	59.	U			
100-42-5	Styrene		110.	U	77.	UJ	59.	U			
1330-20-7	Xylene (Total)		110.	U	77.	UJ	59.	U			

*** Validation Complete ***

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-2701-01	041-M-2702-01				
	ORIGINAL ID ----->	041M270101	041M270201				
	LAB SAMPLE ID --->	950941-08	950941-09				
	ID FROM REPORT -->	041M270101	041M270201				
	SAMPLE DATE ----->	11/15/95	11/15/95				
	DATE EXTRACTED -->	12/19/95	12/19/95				
	DATE ANALYZED --->	12/20/95	12/20/95				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	M06010 VAL	M06010 VAL				
9999000-58-8	Percent Solids	44.1	31.				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

GRAIN SIZE			
	SAMPLE ID ------->	041-M-2701-01	
	ORIGINAL ID ----->	041M270101	
	LAB SAMPLE ID --->	GTX-921-08	
	ID FROM REPORT -->	041M270101	
	SAMPLE DATE ----->		
	DATE ANALYZED --->	11/22/95	
	MATRIX ---------->	Sediment	
	UNITS ---------->	%	
CAS #	Parameter	M06010	VAL
9999900-32-7	Seive Size #10	100.	NA
9999900-32-8	Seive Size #20	99.	NA
9999900-32-9	Seive Size #40	80.	NA
9999900-33-1	Seive Size #100	25.	NA
9999900-33-0	Seive Size #60	38.	NA
9999900-33-2	Seive Size #200	24.	NA
9999900-33-3	Seive Size Pan	0.	NA
9999900-32-5	Seive Size 0.375"	NR	
9999900-32-6	Seive Size #4	100.	NA
9999900-33-4	Seive Size 1"	NR	
9999900-33-5	Seive Size .75"	NR	
9999900-33-6	Seive Size .5"	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

METAL									
		SAMPLE ID ------->	041-M-2701-01		041-M-2702-01				
		ORIGINAL ID ----->	041M270101		041M270201				
		LAB SAMPLE ID --->	950941-08		950941-09				
		ID FROM REPORT -->	041M270101		041M270201				
		SAMPLE DATE ----->	11/15/95		11/15/95				
		DATE EXTRACTED -->	12/19/95		12/19/95				
		DATE ANALYZED --->	12/20/95		12/20/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter		M06010	VAL	M06010	VAL			
7429-90-5	Aluminum		2900.	J	3670.	J			
7440-36-0	Antimony		1.1	UR	0.32	UR			
7440-38-2	Arsenic		1.1		0.98	J			
7440-39-3	Barium		2.3	J	3.1	J			
7440-41-7	Beryllium		0.11	U	0.16	U			
7440-43-9	Cadmium		0.33	U	0.47	U			
7440-70-2	Calcium		941.	J	1260.	J			
7440-47-3	Chromium		11.1		12.4				
7440-48-4	Cobalt		0.46	J	0.51	J			
7440-50-8	Copper		4.2	J	3.4	J			
7439-89-6	Iron		1440.	J	1380.	J			
7439-92-1	Lead		13.5	J	13.2	J			
7439-95-4	Magnesium		1200.		2070.				
7439-96-5	Manganese		5.1		5.1				
7439-97-6	Mercury		0.09	U	0.12	U			
7440-02-0	Nickel		2.	J	3.	J			
7440-09-7	Potassium		406.	J	689.	J			
7782-49-2	Selenium		0.39	J	0.47	U			
7440-22-4	Silver		0.43	UJ	0.63	UJ			
7440-23-5	Sodium		3170.	J	8610.	J			
7440-28-0	Thallium		0.33	U	0.47	U			
7440-62-2	Vanadium		5.2	J	6.9	J			
7440-66-6	Zinc		8.2	J	4.7	J			
57-12-5	Cyanide (CN)		1.1	U	1.6	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

PEST									
	SAMPLE ID ------->	041-M-2701-01		041-M-2702-01					
	ORIGINAL ID ----->	041M270101		041M270201					
	LAB SAMPLE ID --->	950941-08		950941-09					
	ID FROM REPORT -->	041M270101		041M270201					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	12/13/95		12/13/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	M06010	VAL	M06010	VAL				
319-84-6	alpha-BHC	0.49	J	1.3	J				
319-85-7	beta-BHC	0.2	UJ	0.34	U				
319-86-8	delta-BHC	0.2	UJ	0.34	U				
58-89-9	gamma-BHC (Lindane)	0.2	UJ	0.34	U				
76-44-8	Heptachlor	0.2	UJ	0.34	U				
309-00-2	Aldrin	0.2	UJ	0.34	U				
1024-57-3	Heptachlor epoxide	0.2	UJ	0.34	U				
959-98-8	Endosulfan I	0.41	UJ	0.7	U				
60-57-1	Dieldrin	0.41	UJ	0.7	U				
72-55-9	4,4'-DDE	2.7	J	1.8	J				
72-20-8	Endrin	0.41	UJ	0.7	U				
33213-65-9	Endosulfan II	0.41	UJ	0.7	U				
72-54-8	4,4'-DDD	0.41	UJ	0.7	U				
1031-07-8	Endosulfan sulfate	0.41	UJ	0.7	U				
50-29-3	4,4'-DDT	0.41	UJ	1.9	J				
72-43-5	Methoxychlor	2.	UJ	3.4	U				
53494-70-5	Endrin ketone	0.41	UJ	0.7	U				
7421-93-4	Endrin aldehyde	0.41	UJ	0.7	U				
5103-71-9	alpha-Chlordane	0.49	J	0.34	U				
5103-74-2	gamma-Chlordane	0.2	UJ	0.34	U				
8001-35-2	Toxaphene	41.	UJ	70.	U				
12674-11-2	Aroclor-1016	7.9	UJ	14.	U				
11104-28-2	Aroclor-1221	16.	UJ	28.	U				
11141-16-5	Aroclor-1232	7.9	UJ	14.	U				
53469-21-9	Aroclor-1242	7.9	UJ	14.	U				
12672-29-6	Aroclor-1248	7.9	UJ	14.	U				
11097-69-1	Aroclor-1254	7.9	UJ	14.	U				
11096-82-5	Aroclor-1260	7.9	UJ	14.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

SVOA									
		SAMPLE ID ------->	041-M-2701-01		041-M-2702-01				
		ORIGINAL ID ----->	041M270101		041M270201				
		LAB SAMPLE ID --->	950941-08		950941-09				
		ID FROM REPORT -->	041M270101		041M270201				
		SAMPLE DATE ----->	11/15/95		11/15/95				
		DATE EXTRACTED -->	11/18/95		11/18/95				
		DATE ANALYZED --->	11/29/95		11/29/95				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		M06010	VAL	M06010	VAL			
108-95-2	Phenol		790.	U	1400.	U			
111-44-4	bis(2-Chloroethyl)ether		79.	U	140.	U			
95-57-8	2-Chlorophenol		790.	U	1400.	U			
541-73-1	1,3-Dichlorobenzene		790.	U	1400.	U			
106-46-7	1,4-Dichlorobenzene		790.	U	1400.	U			
95-50-1	1,2-Dichlorobenzene		790.	U	1400.	U			
95-48-7	2-Methylphenol (o-Cresol)		790.	U	1400.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		790.	U	1400.	U			
106-44-5	4-Methylphenol (p-Cresol)		790.	U	1400.	U			
621-64-7	N-Nitroso-di-n-propylamine		79.	U	140.	U			
67-72-1	Hexachloroethane		790.	U	1400.	U			
98-95-3	Nitrobenzene		790.	U	1400.	U			
78-59-1	Isophorone		790.	U	1400.	U			
88-75-5	2-Nitrophenol		790.	U	1400.	U			
105-67-9	2,4-Dimethylphenol		790.	U	1400.	U			
111-91-1	bis(2-Chloroethoxy)methane		790.	U	1400.	U			
120-83-2	2,4-Dichlorophenol		790.	U	1400.	U			
120-82-1	1,2,4-Trichlorobenzene		790.	U	1400.	U			
91-20-3	Naphthalene		79.	U	140.	U			
106-47-8	4-Chloroaniline		790.	U	1400.	U			
87-68-3	Hexachlorobutadiene		790.	U	1400.	U			
59-50-7	4-Chloro-3-methylphenol		790.	U	1400.	U			
91-57-6	2-Methylnaphthalene		79.	U	140.	U			
77-47-4	Hexachlorocyclopentadiene		790.	U	1400.	U			
88-06-2	2,4,6-Trichlorophenol		790.	U	1400.	U			
95-95-4	2,4,5-Trichlorophenol		1900.	U	3300.	U			
91-58-7	2-Chloronaphthalene		790.	U	1400.	U			
88-74-4	2-Nitroaniline		790.	U	1400.	U			
131-11-3	Dimethylphthalate		790.	U	1400.	U			
208-96-8	Acenaphthylene		79.	U	140.	U			
606-20-2	2,6-Dinitrotoluene		790.	U	1400.	U			
99-09-2	3-Nitroaniline		1900.	U	3300.	U			
83-32-9	Acenaphthene		39.	U	66.	U			
51-28-5	2,4-Dinitrophenol		1900.	U	3300.	U			
100-02-7	4-Nitrophenol		1900.	U	3300.	U			
132-64-9	Dibenzofuran		790.	U	1400.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

SVOA

	SAMPLE ID ------->	041-M-2701-01		041-M-2702-01					
	ORIGINAL ID ----->	041M270101		041M270201					
	LAB SAMPLE ID --->	950941-08		950941-09					
	ID FROM REPORT -->	041M270101		041M270201					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	11/29/95		11/29/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	M06010	VAL	M06010	VAL				
108-95-2	Phenol	790.	U	1400.	U				
111-44-4	bis(2-Chloroethyl)ether	79.	U	140.	U				
95-57-8	2-Chlorophenol	790.	U	1400.	U				
541-73-1	1,3-Dichlorobenzene	790.	U	1400.	U				
106-46-7	1,4-Dichlorobenzene	790.	U	1400.	U				
95-50-1	1,2-Dichlorobenzene	790.	U	1400.	U				
95-48-7	2-Methylphenol (o-Cresol)	790.	U	1400.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	790.	U	1400.	U				
106-44-5	4-Methylphenol (p-Cresol)	790.	U	1400.	U				
621-64-7	N-Nitroso-di-n-propylamine	79.	U	140.	U				
67-72-1	Hexachloroethane	790.	U	1400.	U				
98-95-3	Nitrobenzene	790.	U	1400.	U				
78-59-1	Isophorone	790.	U	1400.	U				
88-75-5	2-Nitrophenol	790.	U	1400.	U				
105-67-9	2,4-Dimethylphenol	790.	U	1400.	U				
111-91-1	bis(2-Chloroethoxy)methane	790.	U	1400.	U				
120-83-2	2,4-Dichlorophenol	790.	U	1400.	U				
120-82-1	1,2,4-Trichlorobenzene	790.	U	1400.	U				
91-20-3	Naphthalene	79.	U	140.	U				
106-47-8	4-Chloroaniline	790.	U	1400.	U				
87-68-3	Hexachlorobutadiene	790.	U	1400.	U				
59-50-7	4-Chloro-3-methylphenol	790.	U	1400.	U				
91-57-6	2-Methylnaphthalene	79.	U	140.	U				
77-47-4	Hexachlorocyclopentadiene	790.	U	1400.	U				
88-06-2	2,4,6-Trichlorophenol	790.	U	1400.	U				
95-95-4	2,4,5-Trichlorophenol	1900.	U	3300.	U				
91-58-7	2-Chloronaphthalene	790.	U	1400.	U				
88-74-4	2-Nitroaniline	790.	U	1400.	U				
131-11-3	Dimethylphthalate	790.	U	1400.	U				
208-96-8	Acenaphthylene	79.	U	140.	U				
606-20-2	2,6-Dinitrotoluene	790.	U	1400.	U				
99-09-2	3-Nitroaniline	1900.	U	3300.	U				
83-32-9	Acenaphthene	39.	U	66.	U				
51-28-5	2,4-Dinitrophenol	1900.	U	3300.	U				
100-02-7	4-Nitrophenol	1900.	U	3300.	U				
132-64-9	Dibenzofuran	790.	U	1400.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-2701-01		041-M-2702-01					
	ORIGINAL ID ----->	041M270101		041M270201					
	LAB SAMPLE ID --->	950941-08		950941-09					
	ID FROM REPORT -->	041M270101		041M270201					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	11/29/95		11/29/95					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	M06010	VAL	M06010	VAL				
121-14-2	2,4-Dinitrotoluene	790.	U	1400.	U				
84-66-2	Diethylphthalate	790.	U	390.	J				
7005-72-3	4-Chlorophenylphenyl ether	790.	U	1400.	U				
86-73-7	Fluorene	39.	U	66.	U				
100-01-6	4-Nitroaniline	1900.	U	3300.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1900.	U	3300.	U				
86-30-6	N-Nitrosodiphenylamine	790.	U	1400.	U				
101-55-3	4-Bromophenyl-phenylether	790.	U	1400.	U				
118-74-1	Hexachlorobenzene	790.	U	1400.	U				
87-86-5	Pentachlorophenol	1900.	U	3300.	U				
85-01-8	Phenanthrene	79.	U	140.	U				
120-12-7	Anthracene	79.	U	140.	U				
86-74-8	Carbazole	790.	U	1400.	U				
84-74-2	Di-n-butylphthalate	790.	U	1400.	U				
206-44-0	Fluoranthene	79.	U	140.	U				
129-00-0	Pyrene	79.	U	140.	U				
85-68-7	Butylbenzylphthalate	790.	U	1400.	U				
91-94-1	3,3'-Dichlorobenzidine	790.	U	1400.	U				
56-55-3	Benzo(a)anthracene	79.	U	140.	U				
218-01-9	Chrysene	79.	U	140.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	790.	U	1400.	U				
117-84-0	Di-n-octylphthalate	790.	U	1400.	U				
205-99-2	Benzo(b)fluoranthene	79.	U	140.	U				
207-08-9	Benzo(k)fluoranthene	79.	U	140.	U				
50-32-8	Benzo(a)pyrene	79.	U	140.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	79.	U	140.	U				
53-70-3	Dibenz(a,h)anthracene	79.	U	140.	U				
191-24-2	Benzo(g,h,i)perylene	79.	U	140.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-2701-01	041-M-2702-01				
	ORIGINAL ID ---->	041M270101	041M270201				
	LAB SAMPLE ID --->	950941-08	950941-09				
	ID FROM REPORT -->	041M270101	041M270201				
	SAMPLE DATE ----->	11/15/95	11/15/95				
	DATE EXTRACTED -->	11/29/95	11/29/95				
	DATE ANALYZED --->	11/29/95	11/29/95				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	MG/KG	MG/KG				
CAS #	Parameter	M06010 VAL	M06010 VAL				
9999900-01-4	Total Organic Carbon (TOC)	39800.	52100.				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Estuarine Reference Sediment Samples

VOA								
	SAMPLE ID ------->	041-M-2701-01		041-M-2702-01				
	ORIGINAL ID ----->	041M270101		041M270201				
	LAB SAMPLE ID --->	950941-08		950941-09				
	ID FROM REPORT -->	041M270101		041M270201				
	SAMPLE DATE ----->	11/15/95		11/15/95				
	DATE ANALYZED --->	11/21/95		11/22/95				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	M06010	VAL	M06010	VAL			
74-87-3	Chloromethane	16.	U	26.	U			
74-83-9	Bromomethane	16.	U	26.	U			
75-01-4	Vinyl chloride	5.	U	8.	U			
75-00-3	Chloroethane	16.	U	26.	U			
75-09-2	Methylene chloride	26.	U	37.	U			
67-64-1	Acetone	16.	U	100.	U			
75-15-0	Carbon disulfide	16.	U	26.	U			
75-35-4	1,1-Dichloroethene	16.	U	26.	U			
75-34-3	1,1-Dichloroethane	16.	U	26.	U			
540-59-0	1,2-Dichloroethene (total)	16.	U	26.	U			
67-66-3	Chloroform	16.	U	26.	U			
107-06-2	1,2-Dichloroethane	16.	U	26.	U			
78-93-3	2-Butanone (MEK)	16.	U	26.	U			
71-55-6	1,1,1-Trichloroethane	16.	UJ	26.	U			
56-23-5	Carbon tetrachloride	16.	UJ	26.	U			
75-27-4	Bromodichloromethane	16.	UJ	26.	U			
78-87-5	1,2-Dichloropropane	16.	UJ	26.	U			
10061-01-5	cis-1,3-Dichloropropene	16.	UJ	26.	U			
79-01-6	Trichloroethene	16.	UJ	26.	U			
124-48-1	Dibromochloromethane	16.	UJ	26.	U			
79-00-5	1,1,2-Trichloroethane	16.	UJ	26.	U			
71-43-2	Benzene	16.	UJ	26.	U			
10061-02-6	trans-1,3-Dichloropropene	16.	UJ	26.	U			
75-25-2	Bromoform	16.	UJ	26.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	16.	UJ	26.	U			
591-78-6	2-Hexanone	16.	UJ	26.	U			
127-18-4	Tetrachloroethene	16.	UJ	26.	U			
79-34-5	1,1,2,2-Tetrachloroethane	16.	UJ	26.	U			
108-88-3	Toluene	16.	UJ	26.	U			
108-90-7	Chlorobenzene	16.	UJ	26.	U			
100-41-4	Ethylbenzene	16.	UJ	26.	U			
100-42-5	Styrene	16.	UJ	26.	U			
1330-20-7	Xylene (Total)	16.	UJ	26.	U			

*** Validation Complete ***

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

% SOLID							
	SAMPLE ID ------->	041-M-3201-01	041-M-3202-01	041-M-3203-01	041-M-3203-01		
	ORIGINAL ID ----->	041M320101	041M320201	041M320301	041M320301		
	LAB SAMPLE ID --->	950940-04	950940-05	950940-06	960183-08		
	ID FROM REPORT -->	041M320101	041M320201	041M320301	041M320301		
	SAMPLE DATE ----->	11/14/95	11/14/95	11/14/95	11/14/95		
	DATE EXTRACTED -->	12/10/95	12/10/95	12/10/95	03/27/96		
	DATE ANALYZED --->	12/11/95	12/11/95	12/11/95	04/11/96		
	MATRIX ---------->	Sediment	Sediment	Sediment	Sediment		
	UNITS ---------->	%	%	%	%		
CAS #	Parameter	M06070 VAL	M06070 VAL	M06070 VAL	Z30201 VAL		
9999000-58-8	Percent Solids	6.6	7.8	9.5	10.3		

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

GRAIN SIZE											
		SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01				
		ORIGINAL ID ----->	041M320101		041M320201		041M320301				
		LAB SAMPLE ID --->	GTX-920-04		GTX-920-05		GTX-920-06				
		ID FROM REPORT -->	041M320101		041M320201		041M320301				
		SAMPLE DATE ----->									
		DATE ANALYZED --->	11/20/95		11/20/95		11/20/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	%		%		%				
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL			
9999900-32-7	Seive Size #10		100.	NA	100.	NA	100.	NA			
9999900-32-8	Seive Size #20		99.	NA	96.	NA	97.	NA			
9999900-32-9	Seive Size #40		89.	NA	82.	NA	86.	NA			
9999900-33-1	Seive Size #100		74.	NA	65.	NA	66.	NA			
9999900-33-0	Seive Size #60		80.	NA	72.	NA	75.	NA			
9999900-33-2	Seive Size #200		68.	NA	61.	NA	61.	NA			
9999900-33-3	Seive Size Pan		0.	NA	0.	NA	0.	NA			
9999900-32-5	Seive Size 0.375"		NR		NR		NR				
9999900-32-6	Seive Size #4		NR		NR		NR				
9999900-33-4	Seive Size 1"		NR		NR		NR				
9999900-33-5	Seive Size .75"		NR		NR		NR				
9999900-33-6	Seive Size .5"		NR		NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

HF METALS

SAMPLE ID -------> 041-M-3203-01
ORIGINAL ID -----> 041M320301
LAB SAMPLE ID ---> 960183-08
ID FROM REPORT --> 041M320301
SAMPLE DATE -----> 11/14/95
DATE EXTRACTED --> 03/27/96
DATE ANALYZED ---> 04/11/96
MATRIX ----------> Sediment
UNITS -----------> MG/KG

CAS #	Parameter	Z30201	VAL
7429-90-5	Aluminum	12100.	J
7440-36-0	Antimony	58.2	U
7440-38-2	Arsenic	2.8	UJ
7440-39-3	Barium	39.2	U
7440-41-7	Beryllium	1.3	UJ
7440-43-9	Cadmium	2.5	UJ
7440-70-2	Calcium	4020.	J
7440-47-3	Chromium	11.4	U
7440-48-4	Cobalt	4.5	UJ
7440-50-8	Copper	15.1	J
7439-89-6	Iron	1790.	J
7439-92-1	Lead	51.7	J
7439-95-4	Magnesium	2260.	J
7439-96-5	Manganese	14.4	J
7440-02-0	Nickel	11.4	UR
7440-09-7	Potassium	1540.	J
7782-49-2	Selenium	7.7	UJ
7440-22-4	Silver	6.3	UR
7440-23-5	Sodium	2590.	J
7440-28-0	Thallium	5.1	UR
7440-62-2	Vanadium	20.8	J
7440-66-6	Zinc	10.4	UJ
7439-97-6	Mercury	0.31	J

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

METAL											
	SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01					
	ORIGINAL ID ----->	041M320101		041M320201		041M320301					
	LAB SAMPLE ID --->	950940-04		950940-05		950940-06					
	ID FROM REPORT -->	041M320101		041M320201		041M320301					
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95					
	DATE EXTRACTED -->	12/10/95		12/10/95		12/10/95					
	DATE ANALYZED --->	12/11/95		12/11/95		12/11/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL				
7429-90-5	Aluminum	3670.		3920.		7780.					
7440-36-0	Antimony	1.6	UJ	6.7	UJ	5.	U				
7440-38-2	Arsenic	1.6	U	1.3	U	1.	U				
7440-39-3	Barium	9.1	J	6.7	J	9.7	J				
7440-41-7	Beryllium	0.78	U	0.67	U	0.51	J				
7440-43-9	Cadmium	2.3	U	2.	U	1.5	U				
7440-70-2	Calcium	2150.	J	2430.	J	4320.					
7440-47-3	Chromium	7.2	J	5.7	J	6.					
7440-48-4	Cobalt	2.3	U	2.	U	1.5	U				
7440-50-8	Copper	5.7	J	5.7	J	9.2	J				
7439-89-6	Iron	652.		471.		832.					
7439-92-1	Lead	41.3		41.6		52.3					
7439-95-4	Magnesium	2230.	J	2460.	J	4280.					
7439-96-5	Manganese	5.5	J	3.5	J	5.6	J				
7439-97-6	Mercury	0.61	U	0.49	U	0.51	J				
7440-02-0	Nickel	9.3	U	8.1	U	6.	U				
7440-09-7	Potassium	433.	J	306.	J	485.	J				
7782-49-2	Selenium	2.3	U	2.4	J	3.6					
7440-22-4	Silver	3.1	U	2.7	U	2.	U				
7440-23-5	Sodium	3680.	J	2980.	J	2580.					
7440-28-0	Thallium	2.3	U	2.	U	1.5	U				
7440-62-2	Vanadium	6.6	J	5.2	J	7.6	J				
7440-66-6	Zinc	6.8	J	7.9	J	9.4	J				
57-12-5	Cyanide (CN)	7.5	U	6.4	U	5.3	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

PEST											
	SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01					
	ORIGINAL ID ----->	041M320101		041M320201		041M320301					
	LAB SAMPLE ID --->	950940-04		950940-05		950940-06					
	ID FROM REPORT -->	041M320101		041M320201		041M320301					
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95					
	DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95					
	DATE ANALYZED --->	12/05/95		12/05/95		12/05/95					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL				
319-84-6	alpha-BHC	5.2	J	1.4	J	0.75	UJ				
319-85-7	beta-BHC	2.1	U	1.	UJ	0.75	UJ				
319-86-8	delta-BHC	2.1	UJ	1.	UJ	0.75	UJ				
58-89-9	gamma-BHC (Lindane)	2.1	U	1.4	J	0.75	UJ				
76-44-8	Heptachlor	2.1	U	1.	UJ	0.75	UJ				
309-00-2	Aldrin	2.1	U	1.	UJ	0.75	UJ				
1024-57-3	Heptachlor epoxide	2.1	U	1.	UJ	0.75	UJ				
959-98-8	Endosulfan I	4.2	U	2.1	UJ	1.5	UJ				
60-57-1	Dieldrin	13.		2.1	UJ	1.5	UJ				
72-55-9	4,4'-DDE	37.	J	2.1	UJ	2.2	J				
72-20-8	Endrin	15.		2.1	UJ	1.5	UJ				
33213-65-9	Endosulfan II	4.2	U	2.1	UJ	1.5	UJ				
72-54-8	4,4'-DDD	24.	J	2.1	UJ	3.3	J				
1031-07-8	Endosulfan sulfate	4.2	U	2.1	UJ	1.5	UJ				
50-29-3	4,4'-DDT	13.	J	2.1	UJ	1.5	UJ				
72-43-5	Methoxychlor	21.	U	10.	UJ	7.5	UJ				
53494-70-5	Endrin ketone	4.2	U	2.1	UJ	1.5	UJ				
7421-93-4	Endrin aldehyde	4.2	U	2.1	UJ	4.2	J				
5103-71-9	alpha-Chlordane	12.	J	1.	UJ	0.75	UJ				
5103-74-2	gamma-Chlordane	5.9	J	1.	UJ	0.75	UJ				
8001-35-2	Toxaphene	420.	U	210.	UJ	150.	UJ				
12674-11-2	Aroclor-1016	82.	U	41.	UJ	30.	UJ				
11104-28-2	Aroclor-1221	170.	U	84.	UJ	61.	UJ				
11141-16-5	Aroclor-1232	82.	U	41.	UJ	30.	UJ				
53469-21-9	Aroclor-1242	82.	U	41.	UJ	30.	UJ				
12672-29-6	Aroclor-1248	82.	U	41.	UJ	30.	UJ				
11097-69-1	Aroclor-1254	210.		41.	UJ	30.	UJ				
11096-82-5	Aroclor-1260	82.	U	41.	UJ	30.	UJ				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

SVOA										
	SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01				
	ORIGINAL ID ----->	041M320101		041M320201		041M320301				
	LAB SAMPLE ID --->	950940-04		950940-05		950940-06				
	ID FROM REPORT -->	041M320101		041M320201		041M320301				
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95				
	DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95				
	DATE ANALYZED --->	11/29/95		11/29/95		12/09/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL			
108-95-2	Phenol	82000.	U	41000.	U	3000.	U			
111-44-4	bis(2-Chloroethyl)ether	8200.	U	4100.	U	300.	U			
95-57-8	2-Chlorophenol	82000.	U	41000.	U	3000.	U			
541-73-1	1,3-Dichlorobenzene	82000.	U	41000.	U	3000.	U			
106-46-7	1,4-Dichlorobenzene	82000.	U	41000.	U	3000.	U			
95-50-1	1,2-Dichlorobenzene	82000.	U	41000.	U	3000.	U			
95-48-7	2-Methylphenol (o-Cresol)	82000.	U	41000.	U	3000.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlo	82000.	U	41000.	U	3000.	UJ			
106-44-5	4-Methylphenol (p-Cresol)	82000.	U	41000.	U	3000.	U			
621-64-7	N-Nitroso-di-n-propylamine	8200.	U	4100.	U	300.	U			
67-72-1	Hexachloroethane	82000.	U	41000.	U	3000.	U			
98-95-3	Nitrobenzene	82000.	U	41000.	U	3000.	U			
78-59-1	Isophorone	82000.	U	41000.	U	3000.	U			
88-75-5	2-Nitrophenol	82000.	U	41000.	U	3000.	U			
105-67-9	2,4-Dimethylphenol	82000.	U	41000.	U	3000.	U			
111-91-1	bis(2-Chloroethoxy)methane	82000.	U	41000.	U	3000.	U			
120-83-2	2,4-Dichlorophenol	82000.	U	41000.	U	3000.	U			
120-82-1	1,2,4-Trichlorobenzene	82000.	U	41000.	U	3000.	U			
91-20-3	Naphthalene	8200.	U	4100.	U	300.	U			
106-47-8	4-Chloroaniline	82000.	U	41000.	U	3000.	U			
87-68-3	Hexachlorobutadiene	82000.	U	41000.	U	3000.	U			
59-50-7	4-Chloro-3-methylphenol	82000.	U	41000.	U	3000.	U			
91-57-6	2-Methylnaphthalene	8200.	U	4100.	U	300.	U			
77-47-4	Hexachlorocyclopentadiene	82000.	U	41000.	U	3000.	U			
88-06-2	2,4,6-Trichlorophenol	82000.	U	41000.	U	3000.	U			
95-95-4	2,4,5-Trichlorophenol	200000.	U	100000.	U	7300.	U			
91-58-7	2-Chloronaphthalene	82000.	U	41000.	U	3000.	U			
88-74-4	2-Nitroaniline	82000.	U	41000.	U	3000.	U			
131-11-3	Dimethylphthalate	82000.	U	41000.	U	3000.	U			
208-96-8	Acenaphthylene	8200.	U	4100.	U	300.	U			
606-20-2	2,6-Dinitrotoluene	82000.	U	41000.	U	3000.	U			
99-09-2	3-Nitroaniline	200000.	U	100000.	U	7300.	U			
83-32-9	Acenaphthene	4000.	U	2000.	U	150.	U			
51-28-5	2,4-Dinitrophenol	200000.	U	100000.	U	7300.	U			
100-02-7	4-Nitrophenol	200000.	U	100000.	U	7300.	U			
132-64-9	Dibenzofuran	82000.	U	41000.	U	3000.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

SVOA										
		SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01			
		ORIGINAL ID ----->	041M320101		041M320201		041M320301			
		LAB SAMPLE ID --->	950940-04		950940-05		950940-06			
		ID FROM REPORT -->	041M320101		041M320201		041M320301			
		SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95			
		DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95			
		DATE ANALYZED --->	11/29/95		11/29/95		12/09/95			
		MATRIX ---------->	Sediment		Sediment		Sediment			
		UNITS ---------->	UG/KG		UG/KG		UG/KG			
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL		
121-14-2	2,4-Dinitrotoluene		82000.	U	41000.	U	3000.	U		
84-66-2	Diethylphthalate		82000.	U	41000.	U	3000.	U		
7005-72-3	4-Chlorophenylphenyl ether		82000.	U	41000.	U	3000.	U		
86-73-7	Fluorene		4000.	U	2000.	U	150.	U		
100-01-6	4-Nitroaniline		200000.	U	100000.	U	7300.	U		
534-52-1	2-Methyl-4,6-Dinitrophenol		200000.	U	100000.	U	7300.	U		
86-30-6	N-Nitrosodiphenylamine		82000.	U	41000.	U	3000.	U		
101-55-3	4-Bromophenyl-phenylether		82000.	U	41000.	U	3000.	U		
118-74-1	Hexachlorobenzene		82000.	U	41000.	U	3000.	U		
87-86-5	Pentachlorophenol		200000.	U	100000.	U	7300.	U		
85-01-8	Phenanthrene		8200.	U	4100.	U	300.	U		
120-12-7	Anthracene		8200.	U	4100.	U	300.	U		
86-74-8	Carbazole		82000.	U	41000.	U	3000.	U		
84-74-2	Di-n-butylphthalate		82000.	U	41000.	U	3000.	U		
206-44-0	Fluoranthene		8200.	U	4100.	U	300.	U		
129-00-0	Pyrene		8200.	U	4100.	U	170.	J		
85-68-7	Butylbenzylphthalate		82000.	U	41000.	U	3000.	U		
91-94-1	3,3'-Dichlorobenzidine		82000.	U	41000.	U	3000.	U		
56-55-3	Benzo(a)anthracene		8200.	U	4100.	U	300.	U		
218-01-9	Chrysene		8200.	U	4100.	U	300.	U		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		82000.	U	41000.	U	3000.	U		
117-84-0	Di-n-octylphthalate		82000.	U	41000.	U	3000.	U		
205-99-2	Benzo(b)fluoranthene		8200.	U	4100.	U	300.	U		
207-08-9	Benzo(k)fluoranthene		8200.	U	4100.	U	300.	U		
50-32-8	Benzo(a)pyrene		8200.	U	4100.	U	300.	U		
193-39-5	Indeno(1,2,3-cd)pyrene		8200.	U	4100.	U	300.	U		
53-70-3	Dibenz(a,h)anthracene		8200.	U	4100.	U	300.	U		
191-24-2	Benzo(g,h,i)perylene		8200.	U	4100.	U	300.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01		
	ORIGINAL ID ----->	041M320101		041M320201		041M320301		
	LAB SAMPLE ID --->	950940-04		950940-05		950940-06		
	ID FROM REPORT -->	041M320101		041M320201		041M320301		
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95		
	DATE EXTRACTED -->	11/27/95		11/27/95		11/27/95		
	DATE ANALYZED --->	11/27/95		11/27/95		11/27/95		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	
9999900-01-4	Total Organic Carbon (TOC)	382000.		434000.		373000.		

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Fresh Water Reference Sediment Samples

VOA										
	SAMPLE ID ------->	041-M-3201-01		041-M-3202-01		041-M-3203-01				
	ORIGINAL ID ----->	041M320101		041M320201		041M320301				
	LAB SAMPLE ID --->	950940-04		950940-05		950940-06				
	ID FROM REPORT -->	041M320101		041M320201		041M320301				
	SAMPLE DATE ----->	11/14/95		11/14/95		11/14/95				
	DATE ANALYZED --->	11/21/95		11/20/95		11/22/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL			
74-87-3	Chloromethane	120.	U	83.	U	91.	U			
74-83-9	Bromomethane	120.	U	83.	U	91.	U			
75-01-4	Vinyl chloride	38.	U	25.	U	27.	U			
75-00-3	Chloroethane	120.	U	83.	U	91.	U			
75-09-2	Methylene chloride	210.	U	200.	U	210.	U			
67-64-1	Acetone	220.	U	930.		1900.	J			
75-15-0	Carbon disulfide	120.	U	83.	U	91.	U			
75-35-4	1,1-Dichloroethene	120.	U	83.	U	91.	U			
75-34-3	1,1-Dichloroethane	120.	U	83.	U	91.	U			
540-59-0	1,2-Dichloroethene (total)	120.	U	83.	U	91.	U			
67-66-3	Chloroform	120.	U	83.	U	91.	U			
107-06-2	1,2-Dichloroethane	120.	U	83.	U	91.	U			
78-93-3	2-Butanone (MEK)	120.	U	83.	U	70.	J			
71-55-6	1,1,1-Trichloroethane	120.	U	83.	UJ	91.	U			
56-23-5	Carbon tetrachloride	120.	U	83.	UJ	91.	U			
75-27-4	Bromodichloromethane	120.	U	83.	UJ	91.	U			
78-87-5	1,2-Dichloropropane	120.	U	83.	UJ	91.	U			
10061-01-5	cis-1,3-Dichloropropene	120.	U	83.	UJ	91.	U			
79-01-6	Trichloroethene	120.	U	83.	UJ	91.	U			
124-48-1	Dibromochloromethane	120.	U	83.	UJ	91.	U			
79-00-5	1,1,2-Trichloroethane	120.	U	83.	UJ	91.	U			
71-43-2	Benzene	120.	U	83.	UJ	91.	U			
10061-02-6	trans-1,3-Dichloropropene	120.	U	83.	UJ	91.	U			
75-25-2	Bromoform	120.	U	83.	UJ	91.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	120.	U	83.	UJ	91.	U			
591-78-6	2-Hexanone	120.	U	83.	UJ	91.	U			
127-18-4	Tetrachloroethene	120.	U	83.	UJ	91.	U			
79-34-5	1,1,2,2-Tetrachloroethane	120.	U	83.	UJ	91.	U			
108-88-3	Toluene	120.	U	83.	UJ	91.	U			
108-90-7	Chlorobenzene	120.	U	14.	J	91.	U			
100-41-4	Ethylbenzene	120.	U	83.	UJ	91.	U			
100-42-5	Styrene	120.	U	83.	UJ	91.	U			
1330-20-7	Xylene (Total)	120.	U	83.	UJ	91.	U			

*** Validation Complete ***

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

% SOLID	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3302-01		041-M-3303-01			
	ORIGINAL ID ---->	041M330101		041M330201		041M330201		041M330301			
	LAB SAMPLE ID --->	950940-12		950940-13		960183-09		950940-14			
	ID FROM REPORT -->	041M330101		041M330201		041M330201		041M330301			
	SAMPLE DATE ---->	11/13/95		11/13/95		11/13/95		11/13/95			
	DATE EXTRACTED -->	12/10/95		12/10/95		03/27/96		12/10/95			
	DATE ANALYZED --->	12/11/95		12/11/95		04/11/96		12/11/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	M06070	VAL	M06070	VAL	Z30201	VAL	M06070	VAL		
9999000-58-8	Percent Solids	29.		34.7		42.6		78.			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

GRAIN SIZE											
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3302-01		041-M-3303-01			
	ORIGINAL ID ----->	041M330101		041M330201		041M330201		041M330301			
	LAB SAMPLE ID --->	GTX-920-07		GTX-920-08		GTX-1022-09		GTX-920-09			
	ID FROM REPORT -->	041M330101		041M330201		041M330201		041M330301			
	SAMPLE DATE ----->										
	DATE ANALYZED --->	11/20/95		11/20/95		04/18/96		11/20/95			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	%		%		%		%			
CAS #	Parameter	M06070	VAL	M06070	VAL	Z30201	VAL	M06070	VAL		
9999900-32-7	Seive Size #10	98.	NA	100.	NA	100.	NA	100.	SP		
9999900-32-8	Seive Size #20	96.	NA	99.	NA	97.	NA	99.	SP		
9999900-32-9	Seive Size #40	74.	NA	77.	NA	79.	NA	62.	SP		
9999900-33-1	Seive Size #100	6.	NA	32.	NA	11.	NA	2.	SP		
9999900-33-0	Seive Size #60	20.	NA	36.	NA	24.	NA	8.	SP		
9999900-33-2	Seive Size #200	6.	NA	31.	NA	11.	NA	1.	SP		
9999900-33-3	Seive Size Pan	0.	NA	0.	NA	0.	NA	0.	SP		
9999900-32-5	Seive Size 0.375"	100.	NA	NR		NR		NR			
9999900-32-6	Seive Size #4	100.	NA	NR		NR		NR			
9999900-33-4	Seive Size 1"	NR		NR		NR		NR			
9999900-33-5	Seive Size .75"	NR		NR		NR		NR			
9999900-33-6	Seive Size .5"	NR		NR		NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

HF METALS

SAMPLE ID ------->	041-M-3302-01
ORIGINAL ID ----->	041M330201
LAB SAMPLE ID --->	960183-09
ID FROM REPORT -->	041M330201
SAMPLE DATE ----->	11/13/95
DATE EXTRACTED -->	03/27/96
DATE ANALYZED --->	04/11/96
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	Z30201	VAL
7429-90-5	Aluminum	2190.	J
7440-36-0	Antimony	18.4	U
7440-38-2	Arsenic	1.1	UJ
7440-39-3	Barium	6.	U
7440-41-7	Beryllium	0.31	UJ
7440-43-9	Cadmium	0.63	UJ
7440-70-2	Calcium	930.	J
7440-47-3	Chromium	3.4	U
7440-48-4	Cobalt	0.63	UJ
7440-50-8	Copper	5.8	J
7439-89-6	Iron	1480.	J
7439-92-1	Lead	6.5	J
7439-95-4	Magnesium	818.	J
7439-96-5	Manganese	6.2	J
7440-02-0	Nickel	2.8	UR
7440-09-7	Potassium	545.	J
7782-49-2	Selenium	4.6	UJ
7440-22-4	Silver	1.6	UR
7440-23-5	Sodium	5050.	J
7440-28-0	Thallium	1.3	UR
7440-62-2	Vanadium	5.3	J
7440-66-6	Zinc	6.3	J
7439-97-6	Mercury	0.06	UR

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

METAL											
		SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01				
		ORIGINAL ID ----->	041M330101		041M330201		041M330301				
		LAB SAMPLE ID --->	950940-12		950940-13		950940-14				
		ID FROM REPORT -->	041M330101		041M330201		041M330301				
		SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
		DATE EXTRACTED -->	12/10/95		12/10/95		12/10/95				
		DATE ANALYZED --->	12/11/95		12/11/95		12/11/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL			
7429-90-5	Aluminum		2460.		1520.		135.				
7440-36-0	Antimony		0.36	UJ	0.28	UJ	0.13	UJ			
7440-38-2	Arsenic		1.8		1.4	J	0.13	U			
7440-39-3	Barium		2.6	J	1.3	J	0.3	J			
7440-41-7	Beryllium		0.18	U	0.14	U	0.06	U			
7440-43-9	Cadmium		0.54	U	0.42	U	0.19	U			
7440-70-2	Calcium		1470.		1160.		116.	J			
7440-47-3	Chromium		5.5		3.5		0.51	U			
7440-48-4	Cobalt		0.99	J	0.42	U	0.19	U			
7440-50-8	Copper		8.1		4.9		0.49	J			
7439-89-6	Iron		2120.		1620.		151.				
7439-92-1	Lead		13.3		11.9		0.69				
7439-95-4	Magnesium		2420.		1480.		189.	J			
7439-96-5	Manganese		8.2		5.5		0.62	J			
7439-97-6	Mercury		0.14	U	0.12	U	0.06	U			
7440-02-0	Nickel		3.	J	1.7	U	0.76	U			
7440-09-7	Potassium		698.	J	386.	J	70.3	J			
7782-49-2	Selenium		0.54	U	0.66	J	0.19	U			
7440-22-4	Silver		0.72	U	0.56	U	0.25	U			
7440-23-5	Sodium		10100.		5740.		979.				
7440-28-0	Thallium		0.54	U	0.42	U	0.19	U			
7440-62-2	Vanadium		4.7	J	4.3	J	0.38	J			
7440-66-6	Zinc		14.		8.3		1.4	U			
57-12-5	Cyanide (CN)		1.7	U	1.4	U	0.63	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

PEST												
		SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01					
		ORIGINAL ID ----->	041M330101		041M330201		041M330301					
		LAB SAMPLE ID --->	950940-12		950940-13		950940-14					
		ID FROM REPORT -->	041M330101		041M330201		041M330301					
		SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95					
		DATE EXTRACTED -->	11/18/95		11/18/95		11/18/95					
		DATE ANALYZED --->	12/05/95		12/05/95		12/05/95					
		MATRIX ---------->	Sediment		Sediment		Sediment					
		UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL				
319-84-6	alpha-BHC		0.3	J	0.39	J	0.11	UJ				
319-85-7	beta-BHC		0.19	UJ	0.57	J	0.11	U				
319-86-8	delta-BHC		0.19	UJ	0.21	UJ	0.13	J				
58-89-9	gamma-BHC (Lindane)		0.19	UJ	0.21	U	0.11	U				
76-44-8	Heptachlor		0.19	UJ	0.21	U	0.11	U				
309-00-2	Aldrin		0.19	UJ	0.44	J	0.18	J				
1024-57-3	Heptachlor epoxide		0.19	UJ	0.21	U	0.11	U				
959-98-8	Endosulfan I		0.39	UJ	0.42	U	0.22	U				
60-57-1	Dieldrin		0.39	UJ	0.42	U	0.22	U				
72-55-9	4,4'-DDE		3.1	J	0.42	U	0.22	U				
72-20-8	Endrin		0.39	UJ	0.42	U	0.22	U				
33213-65-9	Endosulfan II		0.39	UJ	0.42	U	0.22	U				
72-54-8	4,4'-DDD		0.39	UJ	0.42	U	0.22	U				
1031-07-8	Endosulfan sulfate		0.39	UJ	0.42	U	0.22	U				
50-29-3	4,4'-DDT		0.39	UJ	0.42	U	0.22	U				
72-43-5	Methoxychlor		1.9	UJ	2.1	U	1.1	U				
53494-70-5	Endrin ketone		0.39	UJ	0.42	U	0.22	U				
7421-93-4	Endrin aldehyde		0.39	UJ	0.42	U	0.22	U				
5103-71-9	alpha-Chlordane		0.19	UJ	0.7	J	0.35	J				
5103-74-2	gamma-Chlordane		0.19	UJ	0.21	U	0.11	U				
8001-35-2	Toxaphene		39.	UJ	42.	U	22.	U				
12674-11-2	Aroclor-1016		7.6	UJ	8.2	U	4.2	U				
11104-28-2	Aroclor-1221		15.	UJ	17.	U	8.6	U				
11141-16-5	Aroclor-1232		7.6	UJ	8.2	U	4.2	U				
53469-21-9	Aroclor-1242		7.6	UJ	8.2	U	4.2	U				
12672-29-6	Aroclor-1248		7.6	UJ	8.2	U	4.2	U				
11097-69-1	Aroclor-1254		7.6	UJ	12.	J	2.4	J				
11096-82-5	Aroclor-1260		7.6	UJ	8.2	U	4.2	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

SVOA										
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01				
	ORIGINAL ID ----->	041M330101		041M330201		041M330301				
	LAB SAMPLE ID --->	950940-12		950940-13		950940-14				
	ID FROM REPORT -->	041M330101		041M330201		041M330301				
	SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
	DATE EXTRACTED -->	11/18/95		11/18/95		11/30/95				
	DATE ANALYZED --->	11/29/95		11/29/95		12/07/95				
	MATRIX ---------->	Sediment		Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL			
108-95-2	Phenol	7600.	U	8200.	U	430.	U			
111-44-4	bis(2-Chloroethyl)ether	760.	U	820.	U	43.	U			
95-57-8	2-Chlorophenol	7600.	U	8200.	U	430.	U			
541-73-1	1,3-Dichlorobenzene	7600.	U	8200.	U	430.	U			
106-46-7	1,4-Dichlorobenzene	7600.	U	8200.	U	430.	U			
95-50-1	1,2-Dichlorobenzene	7600.	U	8200.	U	430.	U			
95-48-7	2-Methylphenol (o-Cresol)	7600.	U	8200.	U	430.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	7600.	U	8200.	U	430.	U			
106-44-5	4-Methylphenol (p-Cresol)	7600.	U	8200.	U	430.	U			
621-64-7	N-Nitroso-di-n-propylamine	760.	U	820.	U	43.	U			
67-72-1	Hexachloroethane	7600.	U	8200.	U	430.	U			
98-95-3	Nitrobenzene	7600.	U	8200.	U	430.	U			
78-59-1	Isophorone	7600.	U	8200.	U	430.	U			
88-75-5	2-Nitrophenol	7600.	U	8200.	U	430.	U			
105-67-9	2,4-Dimethylphenol	7600.	U	8200.	U	430.	U			
111-91-1	bis(2-Chloroethoxy)methane	7600.	U	8200.	U	430.	U			
120-83-2	2,4-Dichlorophenol	7600.	U	8200.	U	430.	U			
120-82-1	1,2,4-Trichlorobenzene	7600.	U	8200.	U	430.	U			
91-20-3	Naphthalene	760.	U	820.	U	46.				
106-47-8	4-Chloroaniline	7600.	U	8200.	U	430.	U			
87-68-3	Hexachlorobutadiene	7600.	U	8200.	U	430.	U			
59-50-7	4-Chloro-3-methylphenol	7600.	U	8200.	U	430.	U			
91-57-6	2-Methylnaphthalene	760.	U	820.	U	43.	U			
77-47-4	Hexachlorocyclopentadiene	7600.	U	8200.	U	430.	U			
88-06-2	2,4,6-Trichlorophenol	7600.	U	8200.	U	430.	U			
95-95-4	2,4,5-Trichlorophenol	18000.	U	20000.	U	1000.	U			
91-58-7	2-Chloronaphthalene	7600.	U	8200.	U	430.	U			
88-74-4	2-Nitroaniline	7600.	U	8200.	U	430.	U			
131-11-3	Dimethylphthalate	7600.	U	8200.	U	430.	U			
208-96-8	Acenaphthylene	760.	U	820.	U	43.	U			
606-20-2	2,6-Dinitrotoluene	7600.	U	8200.	U	430.	U			
99-09-2	3-Nitroaniline	18000.	U	20000.	U	1000.	U			
83-32-9	Acenaphthene	370.	U	400.	U	180.				
51-28-5	2,4-Dinitrophenol	18000.	U	20000.	U	1000.	U			
100-02-7	4-Nitrophenol	18000.	U	20000.	U	1000.	U			
132-64-9	Dibenzofuran	7600.	U	8200.	U	70.	J			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

SVOA											
		SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01				
		ORIGINAL ID ----->	041M330101		041M330201		041M330301				
		LAB SAMPLE ID --->	950940-12		950940-13		950940-14				
		ID FROM REPORT -->	041M330101		041M330201		041M330301				
		SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
		DATE EXTRACTED -->	11/18/95		11/18/95		11/30/95				
		DATE ANALYZED --->	11/29/95		11/29/95		12/07/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL			
121-14-2	2,4-Dinitrotoluene		7600.	U	8200.	U	430.	U			
84-66-2	Diethylphthalate		7600.	U	8200.	U	430.	U			
7005-72-3	4-Chlorophenylphenyl ether		7600.	U	8200.	U	430.	U			
86-73-7	Fluorene		370.	U	400.	U	230.				
100-01-6	4-Nitroaniline		18000.	U	20000.	U	1000.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		18000.	U	20000.	U	1000.	U			
86-30-6	N-Nitrosodiphenylamine		7600.	U	8200.	U	430.	U			
101-55-3	4-Bromophenyl-phenylether		7600.	U	8200.	U	430.	U			
118-74-1	Hexachlorobenzene		7600.	U	8200.	U	430.	U			
87-86-5	Pentachlorophenol		18000.	U	20000.	U	1000.	U			
85-01-8	Phenanthrene		760.	U	820.	U	1900.				
120-12-7	Anthracene		760.	U	820.	U	700.				
86-74-8	Carbazole		7600.	U	8200.	U	220.	J			
84-74-2	Di-n-butylphthalate		7600.	U	8200.	U	32.	J			
206-44-0	Fluoranthene		760.	U	820.	U	2700.				
129-00-0	Pyrene		760.	U	820.	U	2900.				
85-68-7	Butylbenzylphthalate		7600.	U	8200.	U	430.	U			
91-94-1	3,3'-Dichlorobenzidine		7600.	U	8200.	U	430.	U			
56-55-3	Benzo(a)anthracene		760.	U	820.	U	1800.				
218-01-9	Chrysene		760.	U	820.	U	1500.				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		7600.	U	8200.	U	430.	U			
117-84-0	Di-n-octylphthalate		7600.	U	8200.	U	430.	U			
205-99-2	Benzo(b)fluoranthene		760.	U	820.	U	1100.				
207-08-9	Benzo(k)fluoranthene		760.	U	820.	U	710.				
50-32-8	Benzo(a)pyrene		760.	U	820.	U	1100.				
193-39-5	Indeno(1,2,3-cd)pyrene		760.	U	820.	U	740.				
53-70-3	Dibenz(a,h)anthracene		760.	U	820.	U	43.	U			
191-24-2	Benzo(g,h,i)perylene		760.	U	820.	U	740.				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

TOC								
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01		
	ORIGINAL ID ----->	041M330101		041M330201		041M330301		
	LAB SAMPLE ID --->	950940-12		950940-13		950940-14		
	ID FROM REPORT -->	041M330101		041M330201		041M330301		
	SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95		
	DATE EXTRACTED -->	11/27/95		11/27/95		11/27/95		
	DATE ANALYZED --->	11/27/95		11/27/95		11/27/95		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	M06070	VAL	M06070	VAL	M06070	VAL	
9999900-01-4	Total Organic Carbon (TOC)	42800.		38700.		3060.		

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Estuarine Reference Sediment Samples

VOA											
		SAMPLE ID ------->	041-M-3301-01		041-M-3302-01		041-M-3303-01				
		ORIGINAL ID ----->	041M330101		041M330201		041M330301				
		LAB SAMPLE ID --->	950940-12		950940-13		950940-14				
		ID FROM REPORT -->	041M330101		041M330201		041M330301				
		SAMPLE DATE ----->	11/13/95		11/13/95		11/13/95				
		DATE ANALYZED --->	11/21/95		11/21/95		11/22/95				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		M06070	VAL	M06070	VAL	M06070	VAL			
74-87-3	Chloromethane		120.	U	23.	U	13.	U			
74-83-9	Bromomethane		120.	U	23.	U	13.	U			
75-01-4	Vinyl chloride		38.	U	7.	U	4.	U			
75-00-3	Chloroethane		120.	U	23.	U	13.	U			
75-09-2	Methylene chloride		240.	U	43.	U	25.	U			
67-64-1	Acetone		120.	U	270.		19.	U			
75-15-0	Carbon disulfide		120.	U	23.	U	13.	U			
75-35-4	1,1-Dichloroethene		120.	U	23.	U	13.	U			
75-34-3	1,1-Dichloroethane		120.	U	23.	U	13.	U			
540-59-0	1,2-Dichloroethene (total)		120.	U	23.	U	13.	U			
67-66-3	Chloroform		120.	U	23.	U	13.	U			
107-06-2	1,2-Dichloroethane		120.	U	23.	U	13.	U			
78-93-3	2-Butanone (MEK)		120.	U	23.	U	13.	U			
71-55-6	1,1,1-Trichloroethane		120.	U	23.	U	13.	U			
56-23-5	Carbon tetrachloride		120.	U	23.	U	13.	U			
75-27-4	Bromodichloromethane		120.	U	23.	U	13.	U			
78-87-5	1,2-Dichloropropane		120.	U	23.	U	13.	U			
10061-01-5	cis-1,3-Dichloropropene		120.	U	23.	U	13.	U			
79-01-6	Trichloroethene		120.	U	23.	U	13.	U			
124-48-1	Dibromochloromethane		120.	U	23.	U	13.	U			
79-00-5	1,1,2-Trichloroethane		120.	U	23.	U	13.	U			
71-43-2	Benzene		120.	U	23.	U	13.	U			
10061-02-6	trans-1,3-Dichloropropene		120.	U	23.	U	13.	U			
75-25-2	Bromoform		120.	U	23.	U	13.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		120.	U	23.	U	13.	U			
591-78-6	2-Hexanone		120.	U	23.	U	13.	U			
127-18-4	Tetrachloroethene		120.	U	23.	U	13.	U			
79-34-5	1,1,2,2-Tetrachloroethane		120.	U	23.	U	13.	U			
108-88-3	Toluene		120.	U	23.	U	13.	U			
108-90-7	Chlorobenzene		120.	U	6.	J	13.	U			
100-41-4	Ethylbenzene		120.	U	23.	U	13.	U			
100-42-5	Styrene		120.	U	23.	U	13.	U			
1330-20-7	Xylene (Total)		120.	U	23.	U	13.	U			

*** Validation Complete ***

Reference Wetland Surface Water Data

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-2501-01	041-W-2503-01				
	ORIGINAL ID ----->	041W250101	041W250301				
	LAB SAMPLE ID --->	950940-20	950940-21				
	ID FROM REPORT -->	041W250101	041W250301				
	SAMPLE DATE ----->	11/15/95	11/15/95				
	DATE EXTRACTED -->	12/10/95	12/10/95				
	DATE ANALYZED --->	12/11/95	12/11/95				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	%	%				
CAS #	Parameter	M06070 VAL	M06070 VAL				
9999000-58-8	Percent Solids	NR	NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

HARDNESS								
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01				
	ORIGINAL ID ----->	041W250101		041W250301				
	LAB SAMPLE ID --->	950940-20		950940-21				
	ID FROM REPORT -->	041W250101		041W250301				
	SAMPLE DATE ----->	11/15/95		11/15/95				
	DATE EXTRACTED -->	12/12/95		12/12/95				
	DATE ANALYZED --->	12/10/95		12/10/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	mg/L		mg/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
9999900-03-3	Hardness as CaCO3	63.		101.				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-2501-01		041-W-2503-01				
ORIGINAL ID ----->	041W250101		041W250301				
LAB SAMPLE ID --->	950940-20		950940-21				
ID FROM REPORT -->	041W250101		041W250301				
SAMPLE DATE ----->	11/15/95		11/15/95				
DATE EXTRACTED -->	12/19/95		11/17/95				
DATE ANALYZED --->	12/22/95		12/04/95				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS # Parameter	M06070	VAL	M06070	VAL			
108-95-2 Phenol	5.	UR	5.	U			
111-44-4 bis(2-Chloroethyl)ether	1.	UR	1.	U			
95-57-8 2-Chlorophenol	5.	UR	5.	U			
95-48-7 2-Methylphenol (o-Cresol)	5.	UR	5.	U			
108-60-1 2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	UR	5.	U			
106-44-5 4-Methylphenol (p-Cresol)	5.	UR	5.	U			
621-64-7 N-Nitroso-di-n-propylamine	5.	UR	5.	U			
67-72-1 Hexachloroethane	5.	UR	5.	U			
98-95-3 Nitrobenzene	5.	UR	5.	U			
78-59-1 Isophorone	5.	UR	5.	U			
88-75-5 2-Nitrophenol	5.	UR	5.	U			
105-67-9 2,4-Dimethylphenol	5.	UR	5.	U			
111-91-1 bis(2-Chloroethoxy)methane	5.	UR	5.	U			
120-83-2 2,4-Dichlorophenol	5.	UR	5.	U			
120-82-1 1,2,4-Trichlorobenzene	5.	UR	5.	U			
91-20-3 Naphthalene	1.	UR	1.	U			
106-47-8 4-Chloroaniline	5.	UR	5.	U			
87-68-3 Hexachlorobutadiene	5.	UR	5.	U			
59-50-7 4-Chloro-3-methylphenol	5.	UR	5.	U			
91-57-6 2-Methylnaphthalene	1.	UR	1.	U			
77-47-4 Hexachlorocyclopentadiene	5.	UR	5.	U			
88-06-2 2,4,6-Trichlorophenol	5.	UR	5.	U			
95-95-4 2,4,5-Trichlorophenol	20.	UR	20.	U			
91-58-7 2-Chloronaphthalene	5.	UR	5.	U			
88-74-4 2-Nitroaniline	5.	UR	5.	U			
131-11-3 Dimethylphthalate	5.	UR	5.	U			
208-96-8 Acenaphthylene	1.	UR	1.	U			
606-20-2 2,6-Dinitrotoluene	5.	UR	5.	U			
99-09-2 3-Nitroaniline	20.	UR	20.	U			
83-32-9 Acenaphthene	1.	UR	1.	U			
51-28-5 2,4-Dinitrophenol	20.	UR	20.	U			
100-02-7 4-Nitrophenol	20.	UR	20.	UJ			
132-64-9 Dibenzofuran	5.	UR	5.	U			
121-14-2 2,4-Dinitrotoluene	5.	UR	5.	U			
84-66-2 Diethylphthalate	5.	UR	5.	U			
7005-72-3 4-Chlorophenylphenyl ether	5.	UR	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

LOWSVOA								
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01				
	ORIGINAL ID ----->	041W250101		041W250301				
	LAB SAMPLE ID --->	950940-20		950940-21				
	ID FROM REPORT -->	041W250101		041W250301				
	SAMPLE DATE ----->	11/15/95		11/15/95				
	DATE EXTRACTED -->	12/19/95		11/17/95				
	DATE ANALYZED --->	12/22/95		12/04/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
86-73-7	Fluorene	1.	UR	1.	U			
100-01-6	4-Nitroaniline	20.	UR	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	UR	20.	U			
86-30-6	N-Nitrosodiphenylamine	5.	UR	5.	U			
101-55-3	4-Bromophenyl-phenylether	5.	UR	5.	U			
118-74-1	Hexachlorobenzene	1.	UR	1.	U			
87-86-5	Pentachlorophenol	5.	UR	5.	U			
85-01-8	Phenanthrene	1.	UR	1.	U			
120-12-7	Anthracene	1.	UR	1.	U			
84-74-2	Di-n-butylphthalate	5.	UR	5.	U			
206-44-0	Fluoranthene	1.	UR	1.	U			
129-00-0	Pyrene	1.	UR	1.	U			
85-68-7	Butylbenzylphthalate	5.	UR	5.	U			
91-94-1	3,3'-Dichlorobenzidine	5.	UR	5.	U			
56-55-3	Benzo(a)anthracene	1.	UR	1.	U			
218-01-9	Chrysene	1.	UR	1.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	39.	UR	5.	U			
117-84-0	Di-n-octylphthalate	5.	UR	5.	U			
205-99-2	Benzo(b)fluoranthene	1.	UR	1.	U			
207-08-9	Benzo(k)fluoranthene	1.	UR	1.	U			
50-32-8	Benzo(a)pyrene	1.	UR	1.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	1.	UR	1.	U			
53-70-3	Dibenz(a,h)anthracene	1.	UR	1.	U			
191-24-2	Benzo(g,h,i)perylene	1.	UR	1.	U			
541-73-1	1,3-Dichlorobenzene	NR		NR				
106-46-7	1,4-Dichlorobenzene	NR		NR				
95-50-1	1,2-Dichlorobenzene	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01				
	ORIGINAL ID ----->	041W250101		041W250301				
	LAB SAMPLE ID --->	950940-20		950940-21				
	ID FROM REPORT -->	041W250101		041W250301				
	SAMPLE DATE ----->	11/15/95		11/15/95				
	DATE ANALYZED --->	11/18/95		11/18/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
74-87-3	Chloromethane	1.	U	1.	U			
74-83-9	Bromomethane	1.	U	1.	U			
75-01-4	Vinyl chloride	1.	U	1.	U			
75-00-3	Chloroethane	1.	U	1.	U			
75-09-2	Methylene chloride	1.	UJ	1700.	D			
67-64-1	Acetone	9.	UR	22.	UR			
75-15-0	Carbon disulfide	1.	U	1.	U			
75-35-4	1,1-Dichloroethene	1.	U	1.	U			
75-34-3	1,1-Dichloroethane	1.	U	1.	U			
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U			
67-66-3	Chloroform	1.	U	1.	U			
107-06-2	1,2-Dichloroethane	1.	U	1.	U			
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR			
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U			
56-23-5	Carbon tetrachloride	1.	U	1.	U			
75-27-4	Bromodichloromethane	1.	U	1.	U			
78-87-5	1,2-Dichloropropane	1.	U	1.	U			
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U			
79-01-6	Trichloroethene	1.	U	1.	U			
124-48-1	Dibromochloromethane	1.	U	1.	U			
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U			
71-43-2	Benzene	1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U			
75-25-2	Bromoform	1.	U	1.	U			
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U			
591-78-6	2-Hexanone	5.	U	5.	U			
127-18-4	Tetrachloroethene	1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U			
108-88-3	Toluene	1.	U	1.	U			
108-90-7	Chlorobenzene	1.	U	1.	U			
100-41-4	Ethylbenzene	1.	U	1.	U			
100-42-5	Styrene	1.	U	1.	U			
1330-20-7	Xylene (Total)	1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U			
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01				
	ORIGINAL ID ----->	041W250101		041W250301				
	LAB SAMPLE ID --->	950940-20		950940-21				
	ID FROM REPORT -->	041W250101		041W250301				
	SAMPLE DATE ----->	11/15/95		11/15/95				
	DATE ANALYZED --->	11/18/95		11/18/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

METAL									
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01					
	ORIGINAL ID ----->	041W250101		041W250301					
	LAB SAMPLE ID --->	950940-20		950940-21					
	ID FROM REPORT -->	041W250101		041W250301					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	12/10/95		12/10/95					
	DATE ANALYZED --->	12/11/95		12/11/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
7429-90-5	Aluminum	1820.		221.					
7440-36-0	Antimony	2.	UJ	2.	U				
7440-38-2	Arsenic	2.4	J	2.	U				
7440-39-3	Barium	2.2	U	1.9	U				
7440-41-7	Beryllium	1.	U	1.	U				
7440-43-9	Cadmium	3.	U	3.	U				
7440-70-2	Calcium	4620.	J	6720.					
7440-47-3	Chromium	8.	U	8.	U				
7440-48-4	Cobalt	3.	U	3.	U				
7440-50-8	Copper	4.	U	4.	U				
7439-89-6	Iron	4030.		317.					
7439-92-1	Lead	4.9		1.	U				
7439-95-4	Magnesium	12500.		20400.					
7439-96-5	Manganese	4.2	J	2.9	J				
7439-97-6	Mercury	0.13	U	0.13	U				
7440-02-0	Nickel	12.	U	12.	U				
7440-09-7	Potassium	3980.	J	7060.					
7782-49-2	Selenium	3.	U	3.	U				
7440-22-4	Silver	4.	U	4.	U				
7440-23-5	Sodium	105000.		185000.					
7440-28-0	Thallium	3.9	J	3.	U				
7440-62-2	Vanadium	6.4	J	2.	U				
7440-66-6	Zinc	7.4	U	5.4	U				
57-12-5	Cyanide (CN)	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 25 Phase II
Reference Fresh Water Surface Water Data

PEST									
	SAMPLE ID ------->	041-W-2501-01		041-W-2503-01					
	ORIGINAL ID ----->	041W250101		041W250301					
	LAB SAMPLE ID --->	950940-20		950940-21					
	ID FROM REPORT -->	041W250101		041W250301					
	SAMPLE DATE ----->	11/15/95		11/15/95					
	DATE EXTRACTED -->	11/18/95		11/18/95					
	DATE ANALYZED --->	12/05/95		12/05/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
319-84-6	alpha-BHC	0.05	UJ	0.05	UJ				
319-85-7	beta-BHC	0.05	U	0.05	U				
319-86-8	delta-BHC	0.05	UJ	0.05	UJ				
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				
72-43-5	Methoxychlor	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	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				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

% SOLID							
		SAMPLE ID ------->	041-W-2702-01				
		ORIGINAL ID ----->	041W270201				
		LAB SAMPLE ID --->	950940-22				
		ID FROM REPORT -->	041W270201				
		SAMPLE DATE ----->	11/15/95				
		DATE EXTRACTED -->	12/10/95				
		DATE ANALYZED --->	12/11/95				
		MATRIX ---------->	Water				
		UNITS ---------->	%				
CAS #	Parameter	M06070 VAL					
9999000-58-8	Percent Solids	NR					

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-2702-01					
	ORIGINAL ID ----->	041W270201					
	LAB SAMPLE ID --->	950940-22					
	ID FROM REPORT -->	041W270201					
	SAMPLE DATE ----->	11/15/95					
	DATE EXTRACTED -->	12/12/95					
	DATE ANALYZED --->	12/10/95					
	MATRIX ---------->	Water					
	UNITS ----------->	mg/L					
CAS #	Parameter	M06070 VAL					
9999900-03-3	Hardness as CaCO3	1600.					

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-2702-01
ORIGINAL ID ----->	041W270201
LAB SAMPLE ID --->	950940-22
ID FROM REPORT -->	041W270201
SAMPLE DATE ----->	11/15/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	12/22/95
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	M06070	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	1.	U
95-57-8	2-Chlorophenol	5.	U
95-48-7	2-Methylphenol (o-Cresol)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
106-44-5	4-Methylphenol (p-Cresol)	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	5.	U
91-20-3	Naphthalene	1.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	1.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	5.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	1.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	1.	U
51-28-5	2,4-Dinitrophenol	20.	U
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-2702-01
ORIGINAL ID ---->	041W270201
LAB SAMPLE ID --->	950940-22
ID FROM REPORT -->	041W270201
SAMPLE DATE ----->	11/15/95
DATE EXTRACTED -->	12/19/95
DATE ANALYZED --->	12/22/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M06070	VAL
86-73-7	Fluorene	1.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	1.	U
87-86-5	Pentachlorophenol	5.	U
85-01-8	Phenanthrene	1.	U
120-12-7	Anthracene	1.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	1.	U
129-00-0	Pyrene	1.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	5.	U
56-55-3	Benzo(a)anthracene	1.	U
218-01-9	Chrysene	1.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	1.	U
207-08-9	Benzo(k)fluoranthene	1.	U
50-32-8	Benzo(a)pyrene	1.	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U
53-70-3	Dibenz(a,h)anthracene	1.	U
191-24-2	Benzo(g,h,i)perylene	1.	U
541-73-1	1,3-Dichlorobenzene	NR	
106-46-7	1,4-Dichlorobenzene	NR	
95-50-1	1,2-Dichlorobenzene	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-2702-01
ORIGINAL ID ----->	041W270201
LAB SAMPLE ID --->	950940-22
ID FROM REPORT -->	041W270201
SAMPLE DATE ----->	11/15/95
DATE ANALYZED --->	11/18/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M06070	VAL
74-87-3	Chloromethane	1.	U
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	4.	UJ
67-64-1	Acetone	9.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-2	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone (MEK)	5.	UR
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
71-43-2	Benzene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U
591-78-6	2-Hexanone	5.	U
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylene (Total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-2702-01
ORIGINAL ID ----->	041W270201
LAB SAMPLE ID --->	950940-22
ID FROM REPORT -->	041W270201
SAMPLE DATE ----->	11/15/95
DATE ANALYZED --->	11/18/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M06070	VAL
95-50-1	1,2-Dichlorobenzene	1.	U
74-97-5	Bromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

METAL

SAMPLE ID ------->	041-W-2702-01
ORIGINAL ID ----->	041W270201
LAB SAMPLE ID --->	950940-22
ID FROM REPORT -->	041W270201
SAMPLE DATE ----->	11/15/95
DATE EXTRACTED -->	12/10/95
DATE ANALYZED --->	12/11/95
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	M06070	VAL
7429-90-5	Aluminum	5550.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	4.1	J
7440-39-3	Barium	11.6	U
7440-41-7	Beryllium	1.	U
7440-43-9	Cadmium	3.	U
7440-70-2	Calcium	99000.	
7440-47-3	Chromium	13.3	
7440-48-4	Cobalt	3.	U
7440-50-8	Copper	9.2	J
7439-89-6	Iron	2230.	
7439-92-1	Lead	25.9	
7439-95-4	Magnesium	327000.	
7439-96-5	Manganese	1.	U
7439-97-6	Mercury	0.17	J
7440-02-0	Nickel	12.	U
7440-09-7	Potassium	106000.	
7782-49-2	Selenium	3.	U
7440-22-4	Silver	4.	U
7440-23-5	Sodium	2580000.	
7440-28-0	Thallium	3.	U
7440-62-2	Vanadium	11.	J
7440-66-6	Zinc	19.6	J
57-12-5	Cyanide (CN)	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 27 Phase II
Reference Estuarine Surface Water Data

PEST

SAMPLE ID -------> 041-W-2702-01
ORIGINAL ID -----> 041W270201
LAB SAMPLE ID ---> 950940-22
ID FROM REPORT --> 041W270201
SAMPLE DATE -----> 11/15/95
DATE EXTRACTED --> 11/18/95
DATE ANALYZED ---> 12/05/95
MATRIX ----------> Water
UNITS -----------> UG/L

CAS #	Parameter	M06070	VAL
319-84-6	alpha-BHC	0.05	UJ
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	UJ
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

% SOLID							
	SAMPLE ID ------->	041-W-3201-01		041-W-3203-01			
	ORIGINAL ID ----->	041W320101		041W320301			
	LAB SAMPLE ID --->	950940-08		950940-09			
	ID FROM REPORT -->	041W320101		041W320301			
	SAMPLE DATE ----->	11/14/95		11/14/95			
	DATE EXTRACTED -->	12/10/95		12/10/95			
	DATE ANALYZED --->	12/11/95		12/11/95			
	MATRIX ---------->	Water		Water			
	UNITS ---------->	%		%			
CAS #	Parameter	M06070	VAL	M06070	VAL		
9999000-58-8	Percent Solids	NR		NR			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

HARDNESS							
	SAMPLE ID ------->	041-W-3201-01	041-W-3203-01				
	ORIGINAL ID ----->	041W320101	041W320301				
	LAB SAMPLE ID --->	950940-08	950940-09				
	ID FROM REPORT -->	041W320101	041W320301				
	SAMPLE DATE ----->	11/14/95	11/14/95				
	DATE EXTRACTED -->	12/12/95	12/12/95				
	DATE ANALYZED --->	12/10/95	12/10/95				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	mg/L	mg/L				
CAS #	Parameter	M06070 VAL	M06070 VAL				
9999900-03-3	Hardness as CaCO3	16.9	24.5				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

LOWSVOA

SAMPLE ID ------->	041-W-3201-01		041-W-3203-01				
ORIGINAL ID ----->	041W320101		041W320301				
LAB SAMPLE ID --->	950940-08		950940-09				
ID FROM REPORT -->	041W320101		041W320301				
SAMPLE DATE ----->	11/14/95		11/14/95				
DATE EXTRACTED -->	11/17/95		11/17/95				
DATE ANALYZED --->	11/30/95		11/30/95				
MATRIX ---------->	Water		Water				
UNITS ---------->	UG/L		UG/L				
CAS # Parameter	M06070	VAL	M06070	VAL			
108-95-2 Phenol	5.	U	5.	U			
111-44-4 bis(2-Chloroethyl)ether	1.	U	1.	U			
95-57-8 2-Chlorophenol	5.	U	5.	U			
95-48-7 2-Methylphenol (o-Cresol)	5.	U	5.	U			
108-60-1 2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U			
106-44-5 4-Methylphenol (p-Cresol)	5.	U	5.	U			
621-64-7 N-Nitroso-di-n-propylamine	5.	U	5.	U			
67-72-1 Hexachloroethane	5.	U	5.	U			
98-95-3 Nitrobenzene	5.	U	5.	U			
78-59-1 Isophorone	5.	U	5.	U			
88-75-5 2-Nitrophenol	5.	U	5.	U			
105-67-9 2,4-Dimethylphenol	5.	U	5.	U			
111-91-1 bis(2-Chloroethoxy)methane	5.	U	5.	U			
120-83-2 2,4-Dichlorophenol	5.	U	5.	U			
120-82-1 1,2,4-Trichlorobenzene	5.	U	5.	U			
91-20-3 Naphthalene	1.	U	1.	U			
106-47-8 4-Chloroaniline	5.	U	5.	U			
87-68-3 Hexachlorobutadiene	5.	U	5.	U			
59-50-7 4-Chloro-3-methylphenol	5.	U	5.	U			
91-57-6 2-Methylnaphthalene	1.	U	1.	U			
77-47-4 Hexachlorocyclopentadiene	5.	U	5.	U			
88-06-2 2,4,6-Trichlorophenol	5.	U	5.	U			
95-95-4 2,4,5-Trichlorophenol	20.	U	20.	U			
91-58-7 2-Chloronaphthalene	5.	U	5.	U			
88-74-4 2-Nitroaniline	5.	U	5.	U			
131-11-3 Dimethylphthalate	5.	U	5.	U			
208-96-8 Acenaphthylene	1.	U	1.	U			
606-20-2 2,6-Dinitrotoluene	5.	U	5.	U			
99-09-2 3-Nitroaniline	20.	U	20.	U			
83-32-9 Acenaphthene	1.	U	1.	U			
51-28-5 2,4-Dinitrophenol	20.	U	20.	U			
100-02-7 4-Nitrophenol	20.	U	20.	U			
132-64-9 Dibenzofuran	5.	U	5.	U			
121-14-2 2,4-Dinitrotoluene	5.	U	5.	U			
84-66-2 Diethylphthalate	5.	U	5.	U			
7005-72-3 4-Chlorophenylphenyl ether	5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

LOWSVOA								
	SAMPLE ID ------->	041-W-3201-01		041-W-3203-01				
	ORIGINAL ID ----->	041W320101		041W320301				
	LAB SAMPLE ID --->	950940-08		950940-09				
	ID FROM REPORT -->	041W320101		041W320301				
	SAMPLE DATE ----->	11/14/95		11/14/95				
	DATE EXTRACTED -->	11/17/95		11/17/95				
	DATE ANALYZED --->	11/30/95		11/30/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
86-73-7	Fluorene	1.	U	1.	U			
100-01-6	4-Nitroaniline	20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U			
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U			
118-74-1	Hexachlorobenzene	1.	U	1.	U			
87-86-5	Pentachlorophenol	5.	U	5.	U			
85-01-8	Phenanthrene	1.	U	1.	U			
120-12-7	Anthracene	1.	U	1.	U			
84-74-2	Di-n-butylphthalate	5.	U	5.	U			
206-44-0	Fluoranthene	1.	U	1.	U			
129-00-0	Pyrene	1.	U	1.	U			
85-68-7	Butylbenzylphthalate	5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U			
56-55-3	Benzo(a)anthracene	1.	U	1.	U			
218-01-9	Chrysene	1.	U	1.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U			
117-84-0	Di-n-octylphthalate	5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U			
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U			
50-32-8	Benzo(a)pyrene	1.	U	1.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U			
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U			
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene	NR		NR				
106-46-7	1,4-Dichlorobenzene	NR		NR				
95-50-1	1,2-Dichlorobenzene	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

LOWVOA

SAMPLE ID ------->	041-W-3201-01		041-W-3203-01						
ORIGINAL ID ----->	041W320101		041W320301						
LAB SAMPLE ID --->	950940-08		950940-09						
ID FROM REPORT -->	041W320101		041W320301						
SAMPLE DATE ----->	11/14/95		11/14/95						
DATE ANALYZED --->	11/17/95		11/18/95						
MATRIX ---------->	Water		Water						
UNITS ---------->	UG/L		UG/L						
CAS # Parameter	M06070	VAL	M06070	VAL					
74-87-3 Chloromethane	1.	U	1.	U					
74-83-9 Bromomethane	1.	U	1.	U					
75-01-4 Vinyl chloride	1.	U	1.	U					
75-00-3 Chloroethane	1.	U	1.	U					
75-09-2 Methylene chloride	6.	UJ	14.						
67-64-1 Acetone	33.	U	13.	UR					
75-15-0 Carbon disulfide	1.	U	1.	U					
75-35-4 1,1-Dichloroethene	1.	U	1.	U					
75-34-3 1,1-Dichloroethane	1.	U	1.	U					
156-59-2 cis-1,2-Dichloroethene	1.	U	1.	U					
156-60-5 trans-1,2-Dichloroethene	1.	U	1.	U					
67-66-3 Chloroform	1.	U	1.	U					
107-06-2 1,2-Dichloroethane	1.	U	1.	U					
78-93-3 2-Butanone (MEK)	5.	U	5.	UR					
71-55-6 1,1,1-Trichloroethane	1.	U	1.	U					
56-23-5 Carbon tetrachloride	1.	U	1.	U					
75-27-4 Bromodichloromethane	1.	U	1.	U					
78-87-5 1,2-Dichloropropane	1.	U	1.	U					
10061-01-5 cis-1,3-Dichloropropene	1.	U	1.	U					
79-01-6 Trichloroethene	1.	U	1.	U					
124-48-1 Dibromochloromethane	1.	U	1.	U					
79-00-5 1,1,2-Trichloroethane	1.	U	1.	U					
71-43-2 Benzene	1.	U	1.	U					
10061-02-6 trans-1,3-Dichloropropene	1.	U	1.	U					
75-25-2 Bromoform	1.	U	1.	U					
96-12-8 1,2-Dibromo-3-Chloropropane	1.	U	1.	U					
108-10-1 4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U					
591-78-6 2-Hexanone	5.	U	5.	U					
127-18-4 Tetrachloroethene	1.	U	1.	U					
79-34-5 1,1,2,2-Tetrachloroethane	1.	U	1.	U					
108-88-3 Toluene	1.	U	1.	U					
108-90-7 Chlorobenzene	1.	U	1.	U					
100-41-4 Ethylbenzene	1.	U	1.	U					
100-42-5 Styrene	1.	U	1.	U					
1330-20-7 Xylene (Total)	1.	U	1.	U					
541-73-1 1,3-Dichlorobenzene	1.	U	1.	U					
106-46-7 1,4-Dichlorobenzene	1.	U	1.	U					

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-3201-01		041-W-3203-01				
	ORIGINAL ID ----->	041W320101		041W320301				
	LAB SAMPLE ID --->	950940-08		950940-09				
	ID FROM REPORT -->	041W320101		041W320301				
	SAMPLE DATE ----->	11/14/95		11/14/95				
	DATE ANALYZED --->	11/17/95		11/18/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

METAL									
	SAMPLE ID ------->	041-W-3201-01		041-W-3203-01					
	ORIGINAL ID ----->	041W320101		041W320301					
	LAB SAMPLE ID --->	950940-08		950940-09					
	ID FROM REPORT -->	041W320101		041W320301					
	SAMPLE DATE ----->	11/14/95		11/14/95					
	DATE EXTRACTED -->	12/10/95		12/10/95					
	DATE ANALYZED --->	12/11/95		12/11/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
7429-90-5	Aluminum	141.	U	138.	U				
7440-36-0	Antimony	2.	UJ	10.	U				
7440-38-2	Arsenic	2.	U	2.	U				
7440-39-3	Barium	5.4	U	5.2	U				
7440-41-7	Beryllium	1.	U	1.	U				
7440-43-9	Cadmium	3.	U	3.	U				
7440-70-2	Calcium	1750.	J	2260.	J				
7440-47-3	Chromium	8.	U	8.	U				
7440-48-4	Cobalt	3.	U	3.	U				
7440-50-8	Copper	4.	U	4.	U				
7439-89-6	Iron	182.		191.					
7439-92-1	Lead	1.	U	1.	U				
7439-95-4	Magnesium	3050.	J	4570.	J				
7439-96-5	Manganese	10.	J	9.3	J				
7439-97-6	Mercury	0.13	U	0.13	U				
7440-02-0	Nickel	12.	U	12.	U				
7440-09-7	Potassium	1170.	J	1780.	J				
7782-49-2	Selenium	3.	U	3.	U				
7440-22-4	Silver	4.	U	4.	U				
7440-23-5	Sodium	30000.		44400.					
7440-28-0	Thallium	3.	U	3.	U				
7440-62-2	Vanadium	2.	U	2.	U				
7440-66-6	Zinc	3.9	U	5.4	U				
57-12-5	Cyanide (CN)	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 32 Phase II
Reference Fresh Water Surface Water Data

PEST									
		SAMPLE ID ------->	041-W-3201-01		041-W-3203-01				
		ORIGINAL ID ----->	041W320101		041W320301				
		LAB SAMPLE ID --->	950940-08		950940-09				
		ID FROM REPORT -->	041W320101		041W320301				
		SAMPLE DATE ----->	11/14/95		11/14/95				
		DATE EXTRACTED -->	11/16/95		11/16/95				
		DATE ANALYZED --->	12/04/95		12/05/95				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		M06070	VAL	M06070	VAL			
319-84-6	alpha-BHC		0.05	UJ	0.05	UJ			
319-85-7	beta-BHC		0.05	U	0.05	U			
319-86-8	delta-BHC		0.05	UJ	0.05	UJ			
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			
72-43-5	Methoxychlor		0.5	U	0.5	U			
53494-70-5	Endrin ketone		0.1	U	0.1	U			
7421-93-4	Endrin aldehyde		0.1	U	0.1	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			

*** Validation Complete ***

DATALCP3
09/30/04

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

% SOLID								
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01				
	ORIGINAL ID ----->	041W330101		041W330301				
	LAB SAMPLE ID --->	950940-15		950940-16				
	ID FROM REPORT -->	041W330101		041W330301				
	SAMPLE DATE ----->	11/13/95		11/13/95				
	DATE EXTRACTED -->	12/10/95		12/10/95				
	DATE ANALYZED --->	12/11/95		12/11/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	%		%				
CAS #	Parameter	M06070	VAL	M06070	VAL			
9999000-58-8	Percent Solids	NR		NR				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

HARDNESS								
		SAMPLE ID ------->	041-W-3301-01		041-W-3303-01					
		ORIGINAL ID ----->	041W330101		041W330301					
		LAB SAMPLE ID --->	950940-15		950940-16					
		ID FROM REPORT -->	041W330101		041W330301					
		SAMPLE DATE ----->	11/13/95		11/13/95					
		DATE EXTRACTED -->	12/12/95		12/12/95					
		DATE ANALYZED --->	12/10/95		12/10/95					
		MATRIX ---------->	Water		Water					
		UNITS ---------->	mg/L		mg/L					
CAS #	Parameter		M06070	VAL	M06070	VAL				
9999900-03-3	Hardness as CaCO3		200.		320.					

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01					
	ORIGINAL ID ----->	041W330101		041W330301					
	LAB SAMPLE ID --->	950940-15		950940-16					
	ID FROM REPORT -->	041W330101		041W330301					
	SAMPLE DATE ----->	11/13/95		11/13/95					
	DATE EXTRACTED -->	11/17/95		11/17/95					
	DATE ANALYZED --->	11/30/95		11/30/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	1.	U	1.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
95-48-7	2-Methylphenol (o-Cresol)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
106-44-5	4-Methylphenol (p-Cresol)	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	5.	U	5.	U				
91-20-3	Naphthalene	1.	U	1.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	1.	U	1.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	5.	U	5.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	1.	U	1.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	1.	U	1.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U				
84-66-2	Diethylphthalate	5.	U	5.	U				
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

LOWSVOA									
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01					
	ORIGINAL ID ----->	041W330101		041W330301					
	LAB SAMPLE ID --->	950940-15		950940-16					
	ID FROM REPORT -->	041W330101		041W330301					
	SAMPLE DATE ----->	11/13/95		11/13/95					
	DATE EXTRACTED -->	11/17/95		11/17/95					
	DATE ANALYZED --->	11/30/95		11/30/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
86-73-7	Fluorene	1.	U	1.	U				
100-01-6	4-Nitroaniline	20.	U	20.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	U	20.	U				
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U				
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U				
118-74-1	Hexachlorobenzene	1.	U	1.	U				
87-86-5	Pentachlorophenol	5.	U	5.	U				
85-01-8	Phenanthrene	1.	U	1.	U				
120-12-7	Anthracene	1.	U	1.	U				
84-74-2	Di-n-butylphthalate	5.	U	5.	U				
206-44-0	Fluoranthene	1.	U	1.	U				
129-00-0	Pyrene	1.	U	1.	U				
85-68-7	Butylbenzylphthalate	5.	U	5.	U				
91-94-1	3,3'-Dichlorobenzidine	5.	U	5.	U				
56-55-3	Benzo(a)anthracene	1.	U	1.	U				
218-01-9	Chrysene	1.	U	1.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U				
117-84-0	Di-n-octylphthalate	5.	U	5.	U				
205-99-2	Benzo(b)fluoranthene	1.	U	1.	U				
207-08-9	Benzo(k)fluoranthene	1.	U	1.	U				
50-32-8	Benzo(a)pyrene	1.	U	1.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	1.	U	1.	U				
53-70-3	Dibenz(a,h)anthracene	1.	U	1.	U				
191-24-2	Benzo(g,h,i)perylene	1.	U	1.	U				
541-73-1	1,3-Dichlorobenzene	NR		NR					
106-46-7	1,4-Dichlorobenzene	NR		NR					
95-50-1	1,2-Dichlorobenzene	NR		NR					

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01				
	ORIGINAL ID ----->	041W330101		041W330301				
	LAB SAMPLE ID --->	950940-15		950940-16				
	ID FROM REPORT -->	041W330101		041W330301				
	SAMPLE DATE ----->	11/13/95		11/13/95				
	DATE ANALYZED --->	11/18/95		11/18/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
74-87-3	Chloromethane	1.	U	1.	U			
74-83-9	Bromomethane	1.	U	1.	U			
75-01-4	Vinyl chloride	1.	U	1.	U			
75-00-3	Chloroethane	1.	U	1.	U			
75-09-2	Methylene chloride	1.	UJ	1.	UJ			
67-64-1	Acetone	8.	UR	13.	UR			
75-15-0	Carbon disulfide	1.	U	1.	U			
75-35-4	1,1-Dichloroethene	1.	U	1.	U			
75-34-3	1,1-Dichloroethane	1.	U	1.	U			
156-59-2	cis-1,2-Dichloroethene	1.	U	1.	U			
156-60-5	trans-1,2-Dichloroethene	1.	U	1.	U			
67-66-3	Chloroform	1.	U	1.	U			
107-06-2	1,2-Dichloroethane	1.	U	1.	U			
78-93-3	2-Butanone (MEK)	5.	UR	5.	UR			
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U			
56-23-5	Carbon tetrachloride	1.	U	1.	U			
75-27-4	Bromodichloromethane	1.	U	1.	U			
78-87-5	1,2-Dichloropropane	1.	U	1.	U			
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U			
79-01-6	Trichloroethene	1.	U	1.	U			
124-48-1	Dibromochloromethane	1.	U	1.	U			
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U			
71-43-2	Benzene	1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U			
75-25-2	Bromoform	1.	U	1.	U			
96-12-8	1,2-Dibromo-3-Chloropropane	1.	U	1.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.	U	5.	U			
591-78-6	2-Hexanone	5.	U	5.	U			
127-18-4	Tetrachloroethene	1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U			
108-88-3	Toluene	1.	U	1.	U			
108-90-7	Chlorobenzene	1.	U	1.	U			
100-41-4	Ethylbenzene	1.	U	1.	U			
100-42-5	Styrene	1.	U	1.	U			
1330-20-7	Xylene (Total)	1.	U	1.	U			
541-73-1	1,3-Dichlorobenzene	1.	U	1.	U			
106-46-7	1,4-Dichlorobenzene	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

LOWVOA								
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01				
	ORIGINAL ID ----->	041W330101		041W330301				
	LAB SAMPLE ID --->	950940-15		950940-16				
	ID FROM REPORT -->	041W330101		041W330301				
	SAMPLE DATE ----->	11/13/95		11/13/95				
	DATE ANALYZED --->	11/18/95		11/18/95				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	M06070	VAL	M06070	VAL			
95-50-1	1,2-Dichlorobenzene	1.	U	1.	U			
74-97-5	Bromochloromethane	1.	U	1.	U			
106-93-4	1,2-Dibromoethane	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

METAL									
		SAMPLE ID ------->	041-W-3301-01		041-W-3303-01				
		ORIGINAL ID ----->	041W330101		041W330301				
		LAB SAMPLE ID --->	950940-15		950940-16				
		ID FROM REPORT -->	041W330101		041W330301				
		SAMPLE DATE ----->	11/13/95		11/13/95				
		DATE EXTRACTED -->	12/10/95		12/10/95				
		DATE ANALYZED --->	12/11/95		12/11/95				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		M06070	VAL	M06070	VAL			
7429-90-5	Aluminum		151.	U	135.	U			
7440-36-0	Antimony		10.	UJ	2.	UJ			
7440-38-2	Arsenic		2.	U	2.	U			
7440-39-3	Barium		6.7	U	5.	U			
7440-41-7	Beryllium		1.	U	1.	U			
7440-43-9	Cadmium		3.	U	3.	U			
7440-70-2	Calcium		14100.		21700.				
7440-47-3	Chromium		8.	U	8.	U			
7440-48-4	Cobalt		3.	U	3.	U			
7440-50-8	Copper		4.	U	4.	U			
7439-89-6	Iron		189.		183.				
7439-92-1	Lead		1.	U	1.	U			
7439-95-4	Magnesium		40100.		64600.				
7439-96-5	Manganese		8.2	J	6.3	J			
7439-97-6	Mercury		0.13	U	0.16	J			
7440-02-0	Nickel		12.	U	12.	U			
7440-09-7	Potassium		12300.		20900.				
7782-49-2	Selenium		3.	U	3.	U			
7440-22-4	Silver		4.	U	4.	U			
7440-23-5	Sodium		315000.		547000.				
7440-28-0	Thallium		3.	U	3.	U			
7440-62-2	Vanadium		2.	U	2.	U			
7440-66-6	Zinc		4.2	U	4.4	U			
57-12-5	Cyanide (CN)		5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase II
Reference Estuarine Surface Water Data

PEST									
	SAMPLE ID ------->	041-W-3301-01		041-W-3303-01					
	ORIGINAL ID ----->	041W330101		041W330301					
	LAB SAMPLE ID --->	950940-15		950940-16					
	ID FROM REPORT -->	041W330101		041W330301					
	SAMPLE DATE ----->	11/13/95		11/13/95					
	DATE EXTRACTED -->	11/16/95		11/16/95					
	DATE ANALYZED --->	12/05/95		12/05/95					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	M06070	VAL	M06070	VAL				
319-84-6	alpha-BHC	0.05	UJ	0.05	UJ				
319-85-7	beta-BHC	0.05	U	0.05	U				
319-86-8	delta-BHC	0.05	UJ	0.05	UJ				
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				
72-43-5	Methoxychlor	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	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				

*** Validation Complete ***

Grain Size Analysis

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M010101
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 142 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	27.10	18.10	22.14	0.048	16	0.048
2.00	26.00	18.10	21.04	0.034	15	0.034
4.00	24.50	18.10	19.54	0.024	14	0.024
8.00	23.00	18.10	18.04	0.017	13	0.017
15.00	21.10	18.10	16.14	0.013	11	0.013
30.00	17.50	18.50	12.60	0.009	9	0.009
61.00	15.10	19.30	10.42	0.007	7	0.007
120.00	11.20	19.30	6.52	0.005	5	0.005
240.00	8.00	20.50	3.65	0.003	3	0.003
1001.00	7.80	17.00	2.68	0.002	2	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.28	0.28	100
#40	0.017	0.42	7.50	7.78	95
#60	0.010	0.25	54.85	62.63	56
#100	0.006	0.15	44.65	107.28	24
#200	0.003	0.07	1.25	108.53	24
Pan			33.47	142.00	0

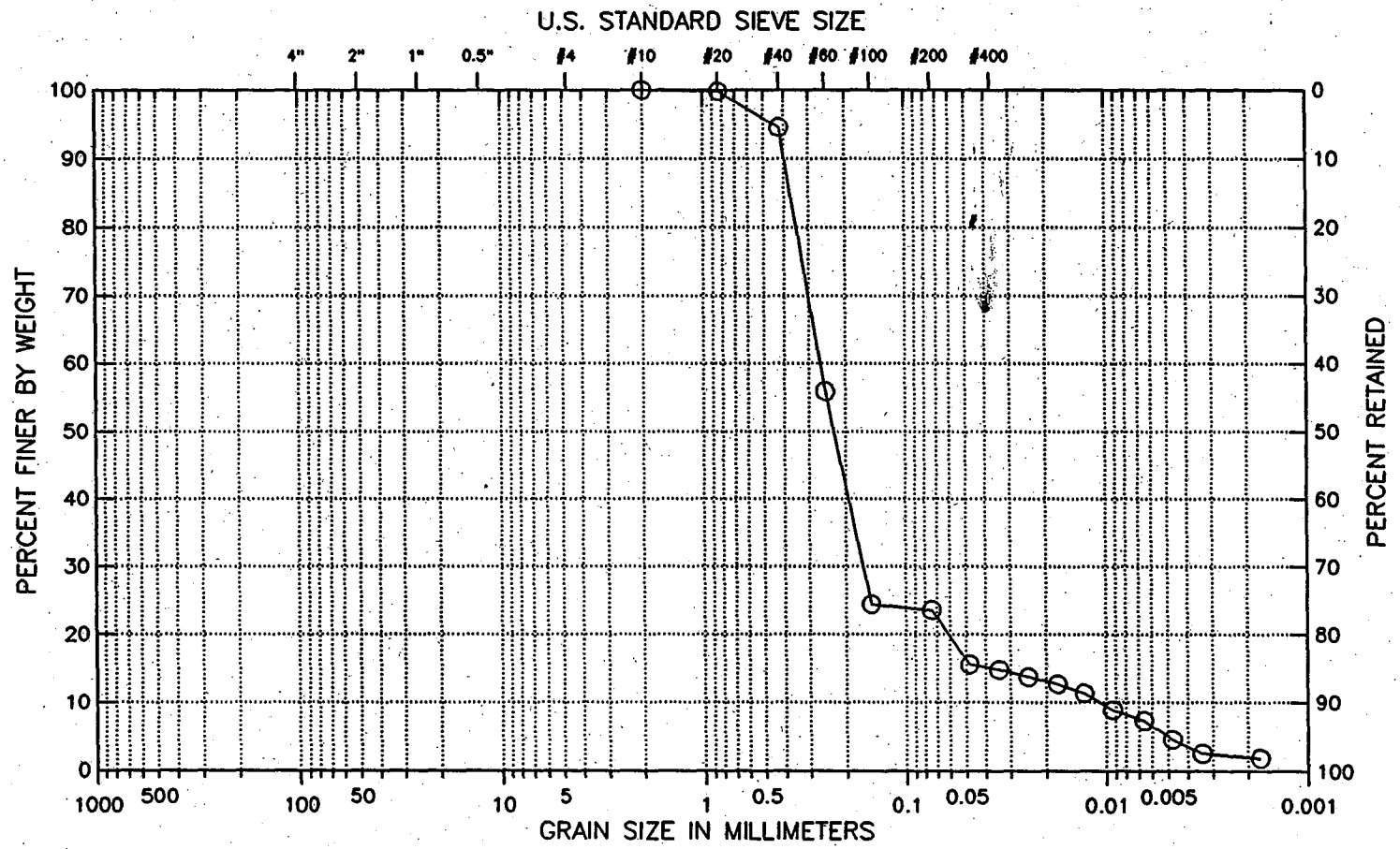
Total Dry Weight of Sample = 151.33

D85 : 0.3696 mm
D60 : 0.2642 mm
D50 : 0.2269 mm
D30 : 0.1632 mm
D15 : 0.0368 mm
D10 : 0.0108 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1520

Boring No. : --- Sample No: 041M010101 Test Method ASTM D422 Filename : 06	Project : NAS Pensacola #960039 Project No.: GTX-961 Location: Pensacola, FL Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 6

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M010201
Location : Pensacola, FL
Soil Description : Black sandy silt with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 07
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 60 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	36.70	18.90	31.91	0.044	52	0.044
2.00	34.50	18.90	29.71	0.032	48	0.032
4.00	31.10	18.90	26.31	0.023	43	0.023
8.00	27.90	18.90	23.11	0.017	38	0.017
15.00	26.00	18.90	21.21	0.012	35	0.012
30.00	23.10	19.10	18.36	0.009	30	0.009
61.00	20.50	19.90	15.98	0.006	26	0.006
120.00	17.10	20.50	12.75	0.005	21	0.005
240.00	14.20	21.60	10.15	0.003	17	0.003
995.00	11.80	17.00	6.68	0.002	11	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.41	0.41	99
#10	0.079	2.00	1.08	1.49	98
#20	0.033	0.84	3.65	5.14	91
#40	0.017	0.42	3.94	9.08	85
#60	0.010	0.25	10.85	19.93	67
#100	0.006	0.15	7.07	27.00	55
#200	0.003	0.07	1.02	28.02	53
Pan			31.98	60.00	0

Total Dry Weight of Sample = 69.42

D85 : 0.4260 mm
D60 : 0.1856 mm
D50 : 0.0372 mm
D30 : 0.0090 mm
D15 : 0.0027 mm
D10 : 0.0015 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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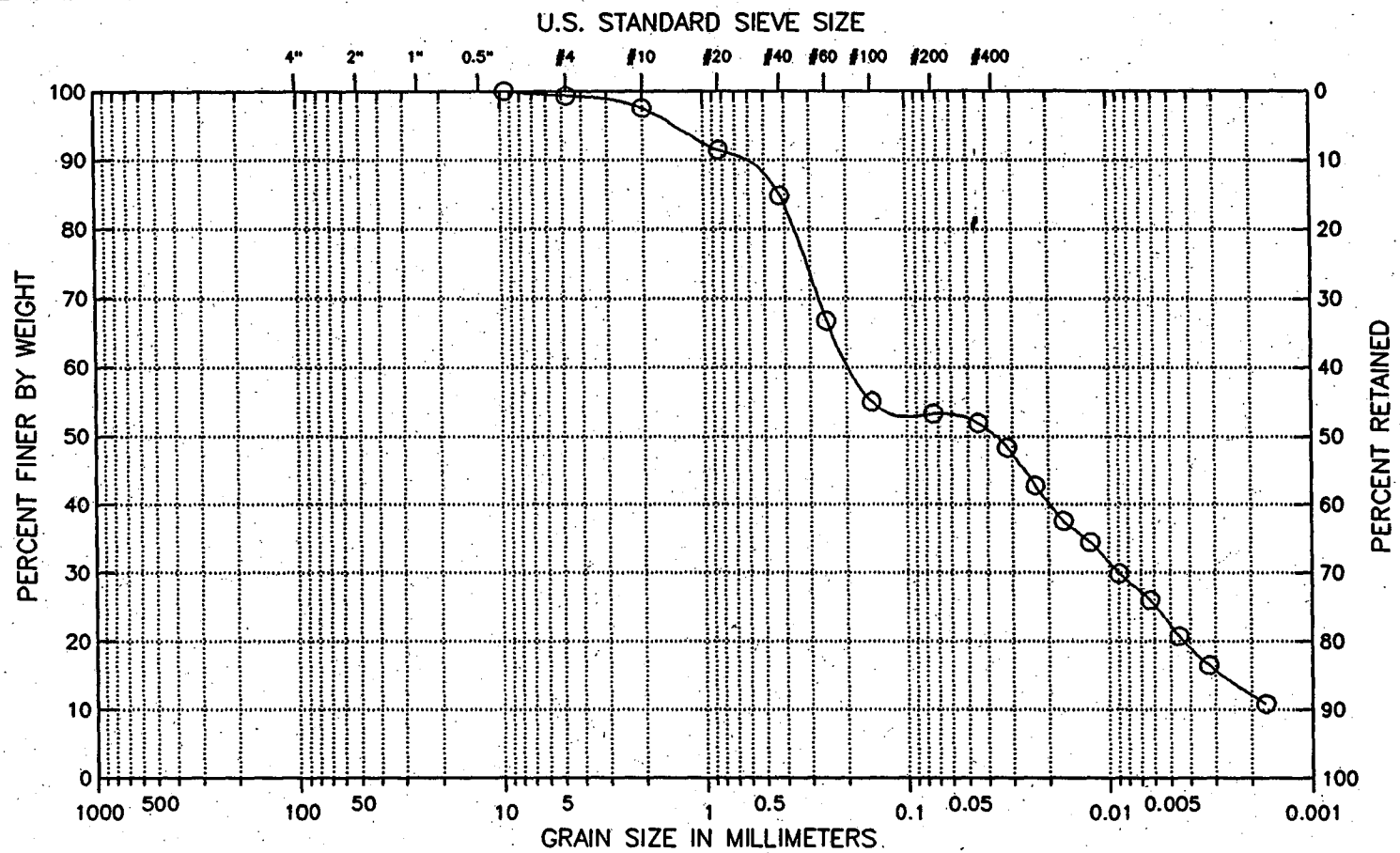
Boring No. : --- Sample No: 041M010201 Test Method ASTM D422 Filename : 07	Project : NAS Pensacola #960039 Project No.: GTX-961 Location: Pensacola, FL Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy silt with organics

Figure 7

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M010301
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 08
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Very dark grayish brown sand with trace silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.11	1.11	99
#20	0.033	0.84	2.89	4.00	98
#40	0.017	0.42	28.94	32.94	81
#60	0.010	0.25	97.65	130.59	26
#100	0.006	0.15	34.15	164.74	6
#200	0.003	0.07	6.23	170.97	3
Pan			5.16	176.13	0

Total Dry Weight of Sample = 186.53

D85 : 0.4911 mm
D60 : 0.3441 mm
D50 : 0.3134 mm
D30 : 0.2599 mm
D15 : 0.1871 mm
D10 : 0.1637 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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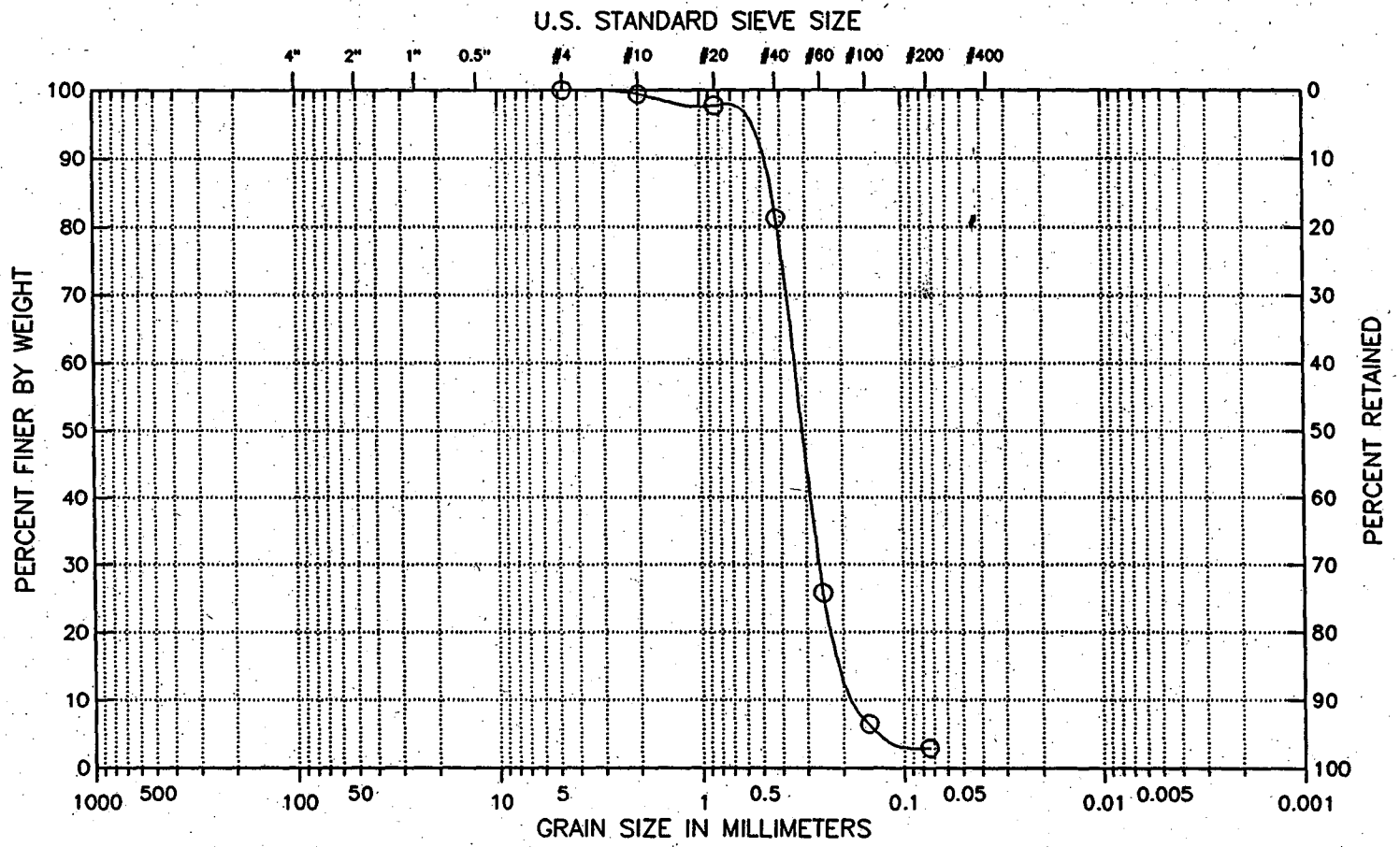
Boring No. : ---	Project : NAS Pensacola #960039
Sample No: 041M010301	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 08	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Very dark grayish brown sand with trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 8

1523

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M010401
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 09
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 111 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.50	18.40	7.58	0.053	7	0.053
2.00	11.00	18.40	6.08	0.037	5	0.037
4.00	9.60	18.40	4.68	0.027	4	0.027
8.00	8.90	18.40	3.98	0.019	4	0.019
15.00	8.00	18.40	3.08	0.014	3	0.014
30.00	7.00	18.50	2.10	0.010	2	0.010
61.00	5.50	19.00	0.74	0.007	1	0.007
120.00	5.00	20.10	0.54	0.005	0	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.50	0.50	100
#40	0.017	0.42	8.22	8.72	92
#60	0.010	0.25	48.54	57.26	48
#100	0.006	0.15	26.99	84.25	24
#200	0.003	0.07	6.55	90.80	18
Pan			20.20	111.00	0

Total Dry Weight of Sample = 120.38

D85 : 0.3859 mm
D60 : 0.2868 mm
D50 : 0.2547 mm
D30 : 0.1689 mm
D15 : 0.0672 mm
D10 : 0.0578 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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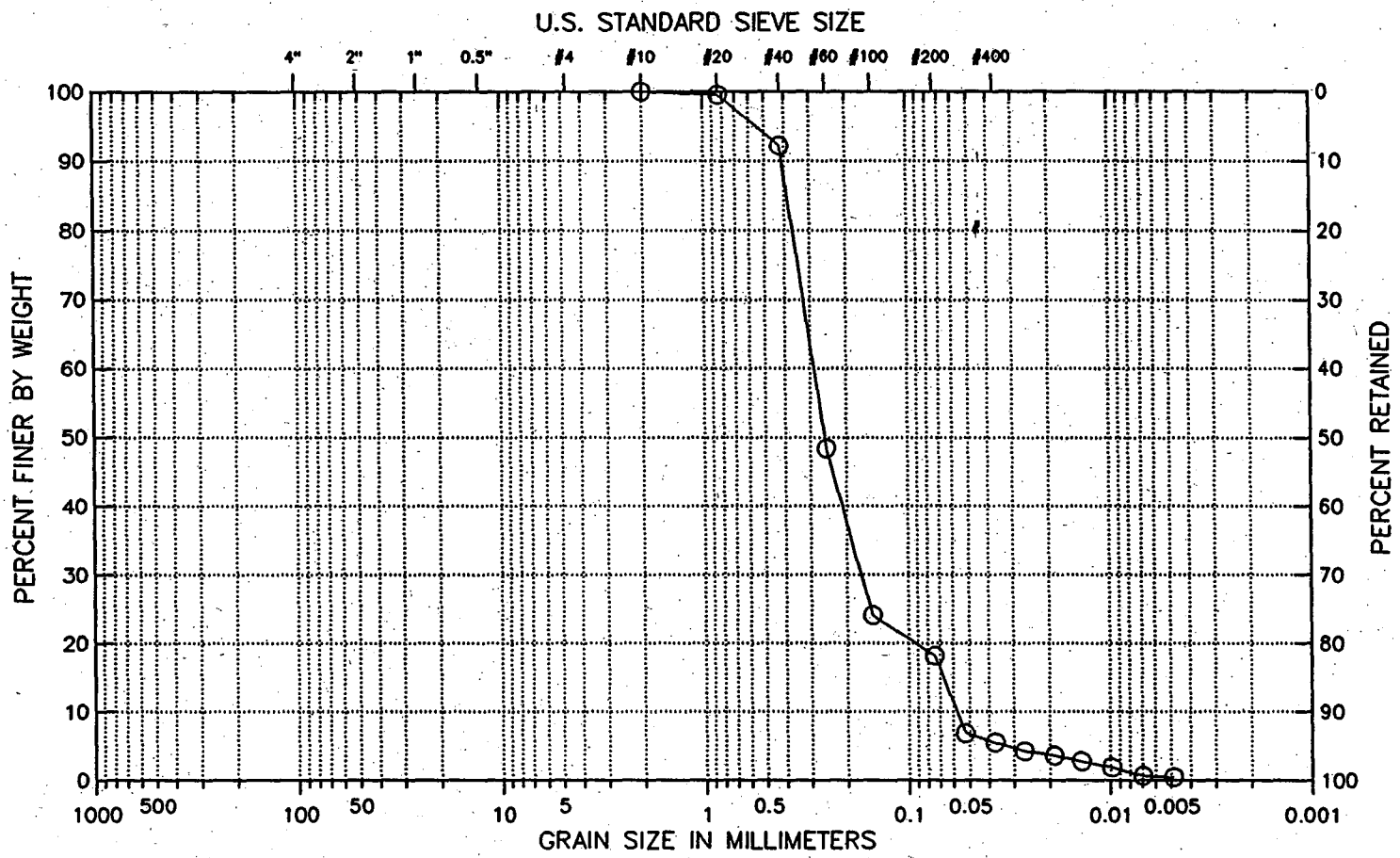
Boring No. : --- Sample No: 041M010401 Test Method ASTM D422 Filename : 09	Project : NAS Pensacola #960039 Project No.: GTX-961 Location: Pensacola, FL Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 9

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950998
Project No. : GTX-935
Boring No. : ---
Sample No. : 041M030101
Location : Pensacola, FL
Soil Description : Brown silty medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/07/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

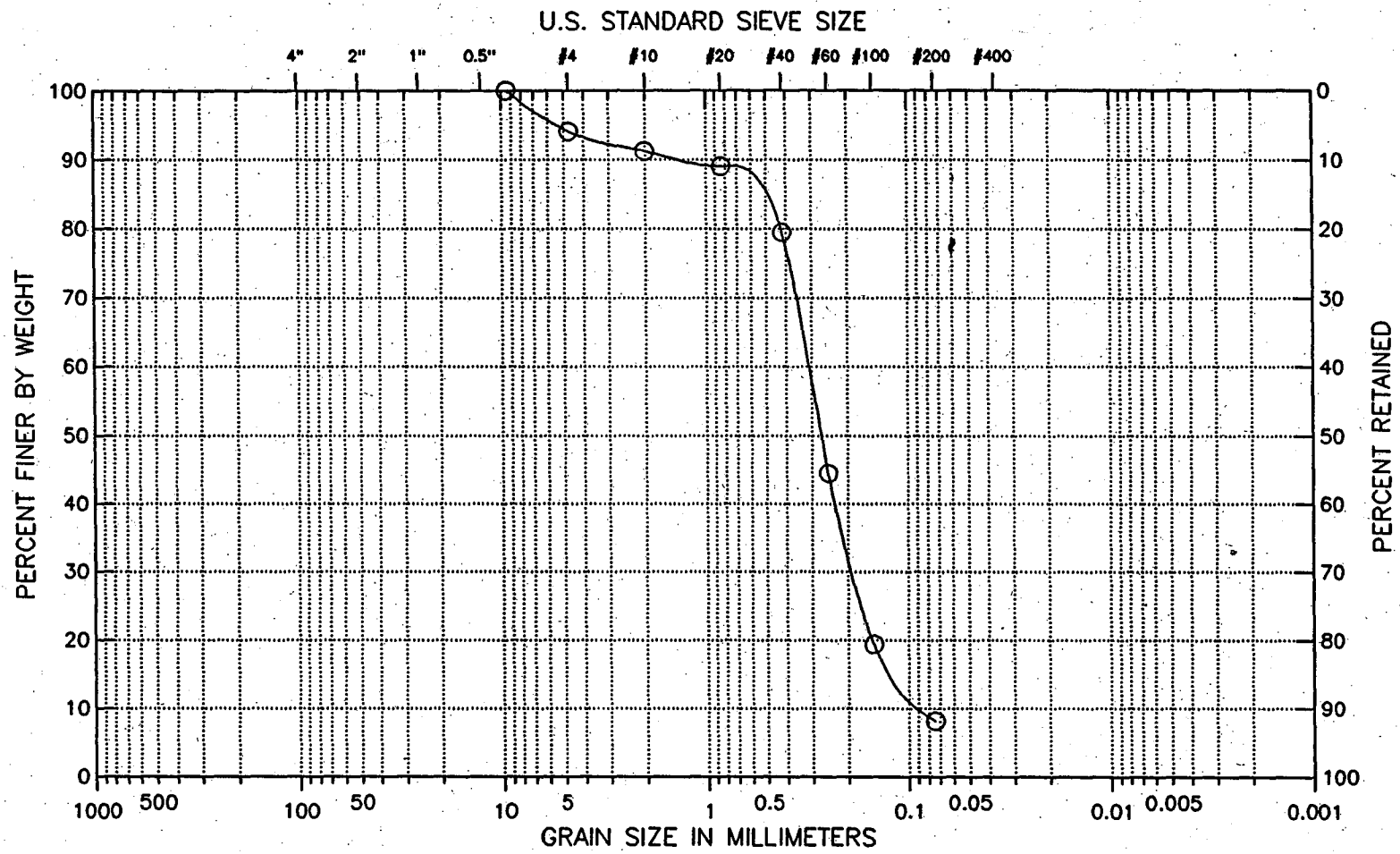
Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	4.64	4.64	94
#10	0.079	2.00	2.26	6.90	91
#20	0.033	0.84	1.73	8.63	89
#40	0.017	0.42	7.62	16.25	79
#60	0.010	0.25	27.67	43.92	45
#100	0.006	0.15	19.91	63.83	19
#200	0.003	0.07	8.92	72.75	8
Pan			6.43	79.18	0

Total Dry Weight of Sample = 81.5

D85 : 0.6256 mm
D60 : 0.3145 mm
D50 : 0.2711 mm
D30 : 0.1854 mm
D15 : 0.1135 mm
D10 : 0.0832 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---	Project : NAS Pensacola #950998
Sample No: 041M030101	Project No.: GTX-935
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 12/07/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Visual Description :
Brown silty medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950998
Project No. : GTX-935
Boring No. : ---
Sample No. : 041M030201
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/07/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 7.47 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.00	19.60	4.19	0.052	56	0.052
2.00	9.50	19.60	3.69	0.037	49	0.037
4.00	8.00	19.50	2.15	0.027	29	0.027
8.00	7.00	19.60	1.19	0.019	16	0.019
15.00	6.00	20.00	0.33	0.014	4	0.014

FINE SIEVE SET

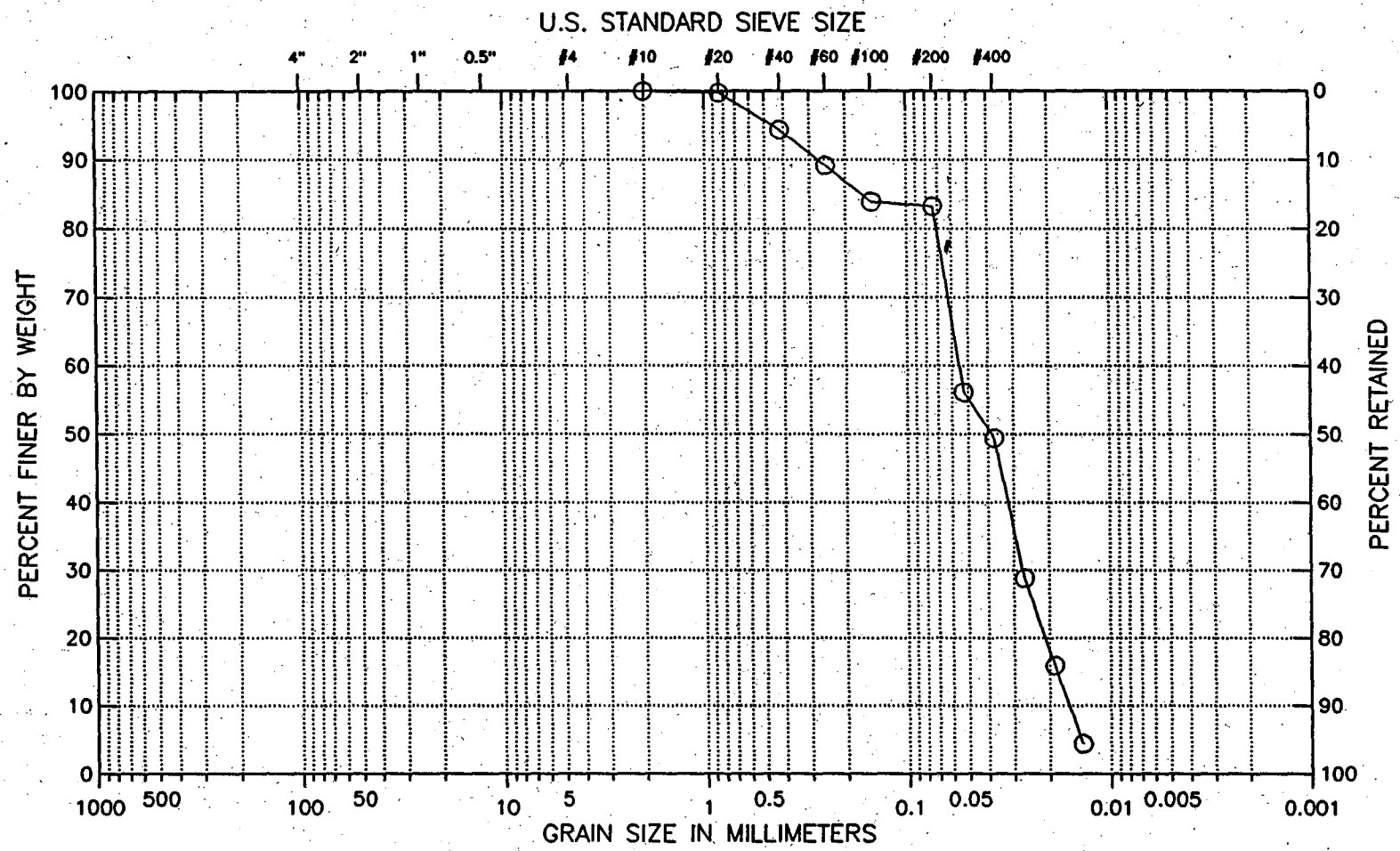
Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.02	0.02	100
#40	0.017	0.42	0.40	0.42	94
#60	0.010	0.25	0.39	0.81	89
#100	0.006	0.15	0.39	1.20	84
#200	0.003	0.07	0.05	1.25	83
Pan			6.22	7.47	0

Total Dry Weight of Sample = 16.88

D85 : 0.1656 mm
D60 : 0.0551 mm
D50 : 0.0384 mm
D30 : 0.0271 mm
D15 : 0.0184 mm
D10 : 0.0161 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : ---	Project : NAS Pensacola #950998
Sample No: 041M030201	Project No.: GTX-935
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 12/07/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M030301
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hyl
Weight of air-dried soil = 51.16 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.20	19.40	4.32	0.053	8	0.053
2.00	9.80	19.40	3.92	0.037	8	0.037
4.00	9.20	19.40	3.32	0.026	6	0.026
8.00	8.50	19.40	2.62	0.019	5	0.019
15.00	8.00	19.40	2.12	0.014	4	0.014
30.00	7.20	20.00	1.53	0.010	3	0.010
60.00	6.10	20.30	0.53	0.007	1	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.39	0.39	99
#40	0.017	0.42	14.46	14.85	71
#60	0.010	0.25	24.46	39.31	23
#100	0.006	0.15	5.01	44.32	13
#200	0.003	0.07	0.46	44.78	12
Pan			6.38	51.16	0

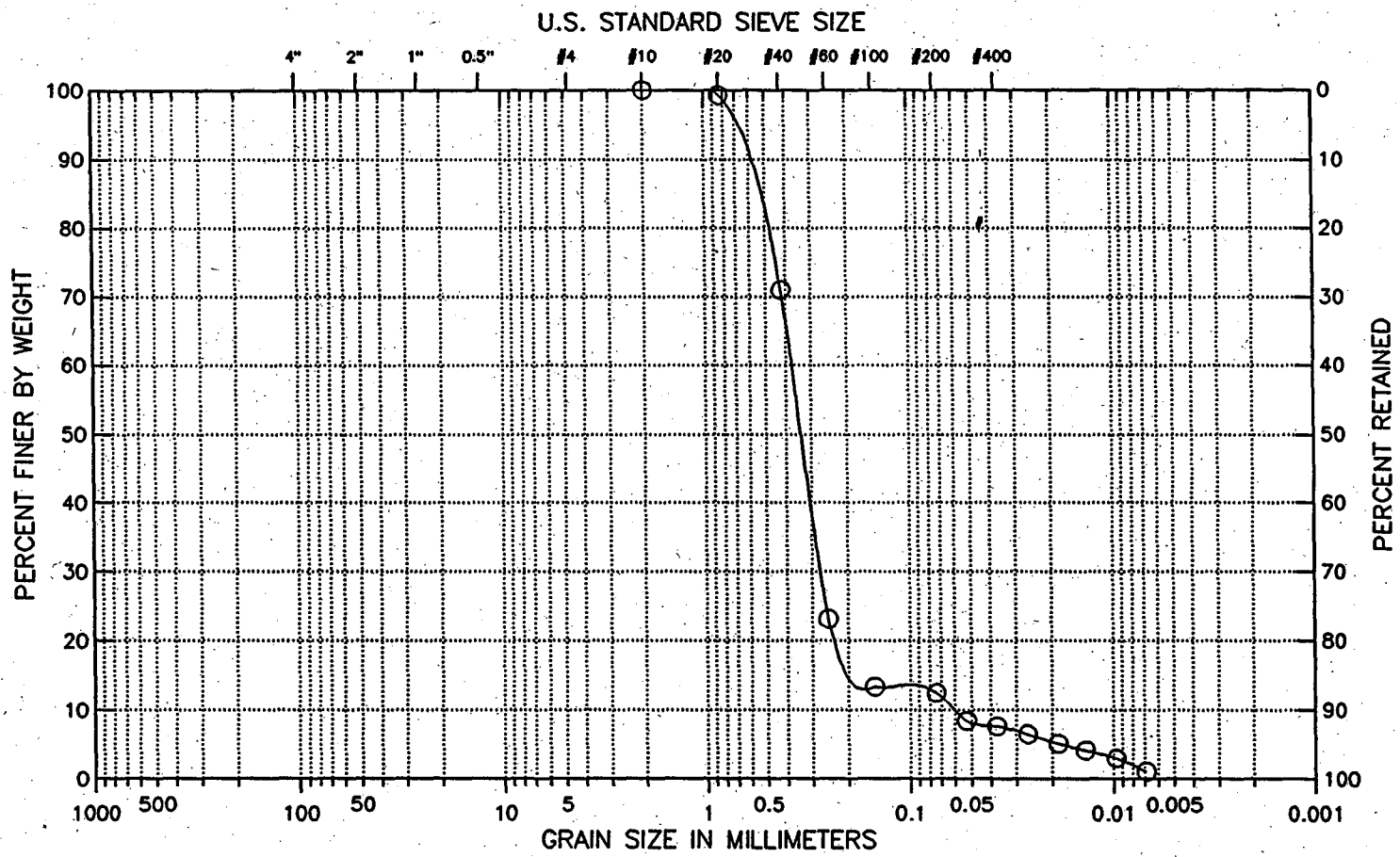
Total Dry Weight of Sample = 60.66

D85 : 0.5928 mm
D60 : 0.3729 mm
D50 : 0.3345 mm
D30 : 0.2693 mm
D15 : 0.1624 mm
D10 : 0.0600 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1745

Boring No. : ---	Project : NAS Pensacola #9501012
Sample No: 041M030301	Project No.: GTX-936
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 12/11/95



Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M030401
Location : Pensacola, FL
Soil Description : Brown medium-fine sand with silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.68	0.68	99
#40	0.017	0.42	31.54	32.22	70
#60	0.010	0.25	61.99	94.21	12
#100	0.006	0.15	7.41	101.62	5
#200	0.003	0.07	0.15	101.77	5
Pan			5.76	107.53	0

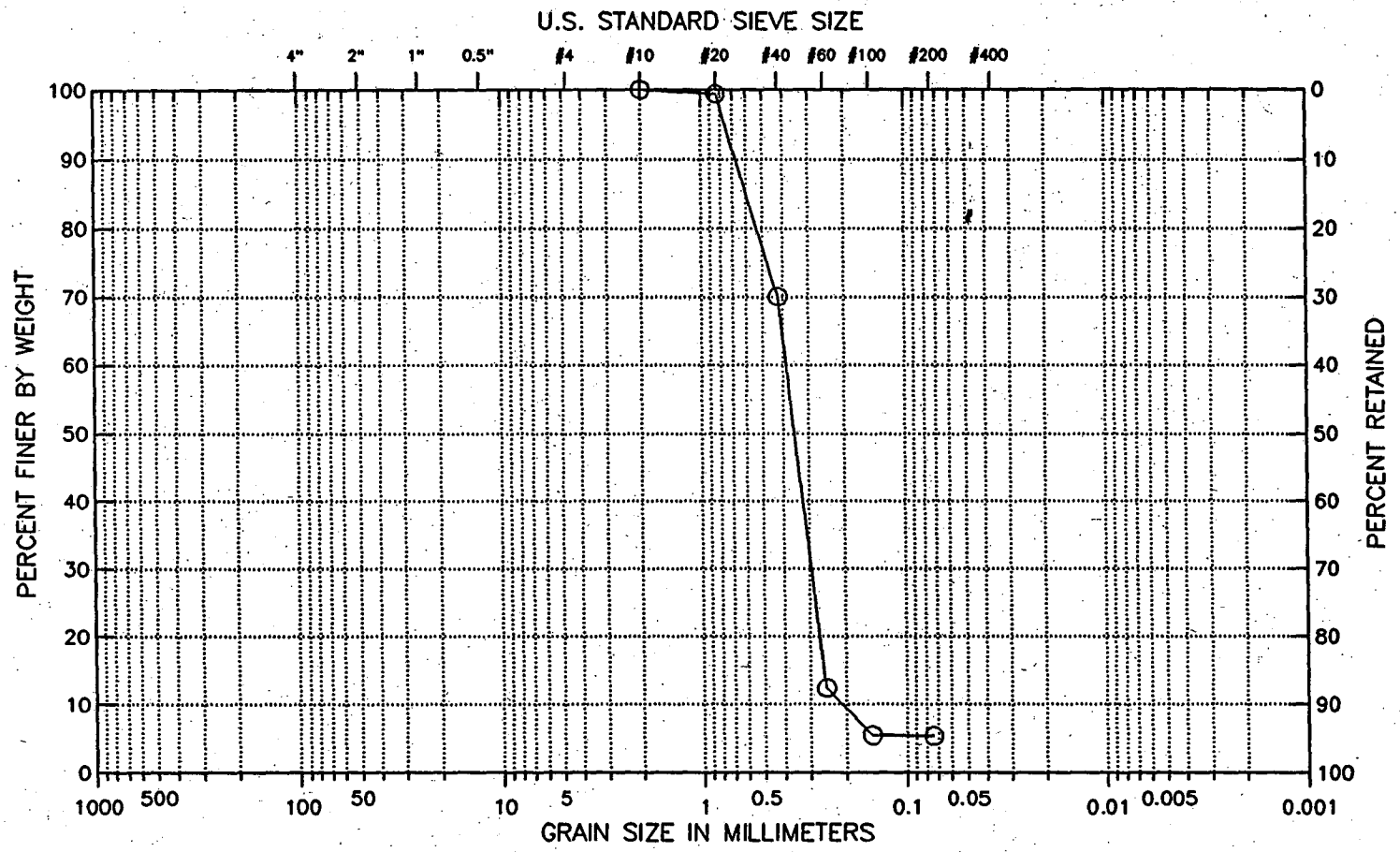
Total Dry Weight of Sample = 116.73

D85 : 0.5985 mm
D60 : 0.3837 mm
D50 : 0.3507 mm
D30 : 0.2929 mm
D15 : 0.2559 mm
D10 : 0.2090 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1747

Boring No. : ---	Project : NAS Pensacola #9501012
Sample No: 041M030401	Project No.: GTX-936
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

1746

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Brown medium-fine sand with silt

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M030501
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 17.95 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.00	19.00	3.98	0.053	22	0.053
2.00	9.70	19.00	3.68	0.037	21	0.037
4.00	9.60	19.00	3.58	0.027	20	0.027
8.00	9.50	19.00	3.48	0.019	19	0.019
15.00	9.30	19.00	3.28	0.014	18	0.014
30.00	9.20	19.00	3.18	0.010	18	0.010
60.00	9.00	19.40	3.12	0.007	17	0.007
120.00	8.50	20.10	2.86	0.005	16	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	5.14	5.14	71
#40	0.017	0.42	3.17	8.31	54
#60	0.010	0.25	1.61	9.92	45
#100	0.006	0.15	1.21	11.13	38
#200	0.003	0.07	1.17	12.30	31
Pan			5.65	17.95	0

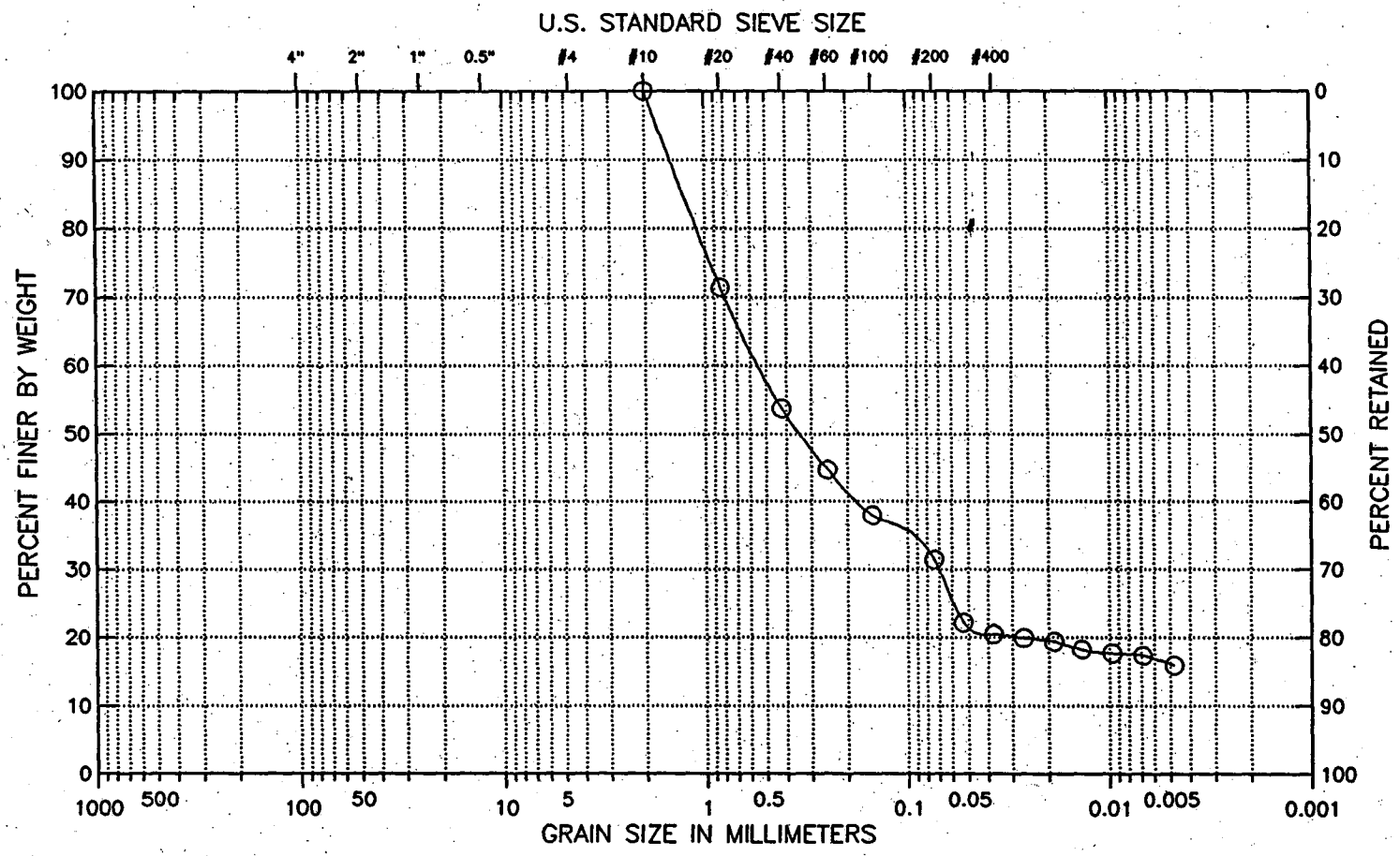
Total Dry Weight of Sample = 27.33

D85 : 1.2704 mm
D60 : 0.5379 mm
D50 : 0.3390 mm
D30 : 0.0702 mm
D15 : N/A
D10 : N/A

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1749

Boring No. : ---	Project : NAS Pensacola #9501012
Sample No: 041M030501	Project No.: GTX-936
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 12/11/95



1748

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M030601
Location : Pensacola, FL
Soil Description : Brown medium-fine sand with silt, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.00	1.00	99
#40	0.017	0.42	37.51	38.51	68
#60	0.010	0.25	63.69	102.20	16
#100	0.006	0.15	11.89	114.09	6
#200	0.003	0.07	0.56	114.65	5
Pan			6.45	121.10	0

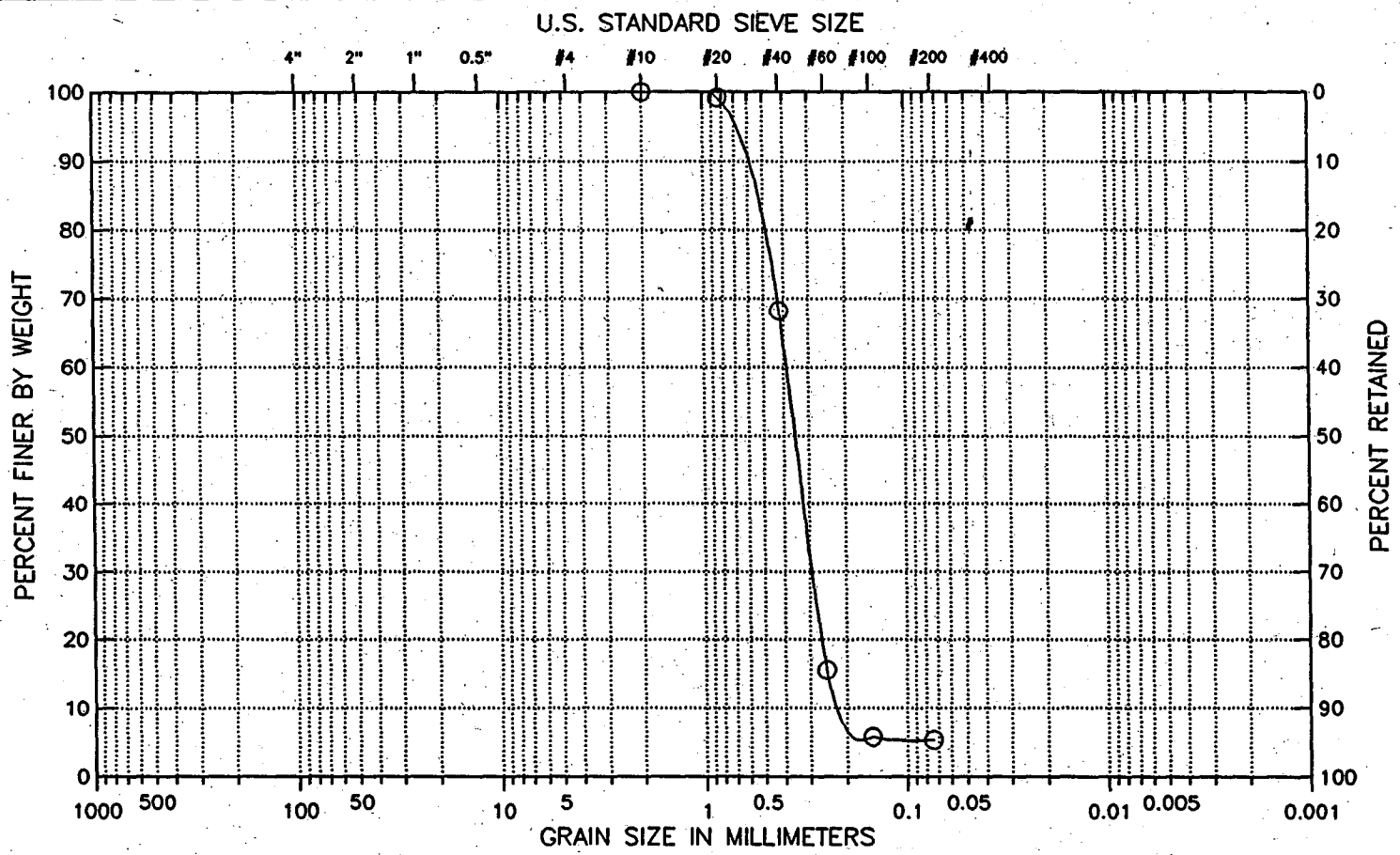
Total Dry Weight of Sample = 130.26

D85 : 0.6121 mm
D60 : 0.3874 mm
D50 : 0.3510 mm
D30 : 0.2881 mm
D15 : 0.2421 mm
D10 : 0.1860 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1751

Boring No. : --- Sample No.: 041M030601 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #9501012 Project No.: GTX-936 Location: Pensacola, FL Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Brown medium-fine sand with silt, organics

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M030701
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 62.24 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	23.50	19.00	17.48	0.049	22	0.049
2.00	22.00	19.00	15.98	0.035	20	0.035
4.00	20.20	19.00	14.18	0.025	18	0.025
8.00	20.00	19.00	13.98	0.018	18	0.018
15.00	18.90	19.00	12.88	0.013	16	0.013
30.00	17.80	19.00	11.78	0.009	15	0.009
66.00	16.30	20.20	10.70	0.006	14	0.006
120.00	15.60	20.60	10.14	0.005	13	0.005
267.00	14.80	21.60	9.69	0.003	12	0.003
1015.00	15.00	17.90	8.59	0.002	11	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	6.03	6.03	79
#20	0.033	0.84	8.37	14.40	51
#40	0.017	0.42	2.95	17.35	41
#60	0.010	0.25	2.32	19.67	33
#100	0.006	0.15	1.74	21.41	27
#200	0.003	0.07	1.27	22.68	22
Pan			6.56	29.24	0

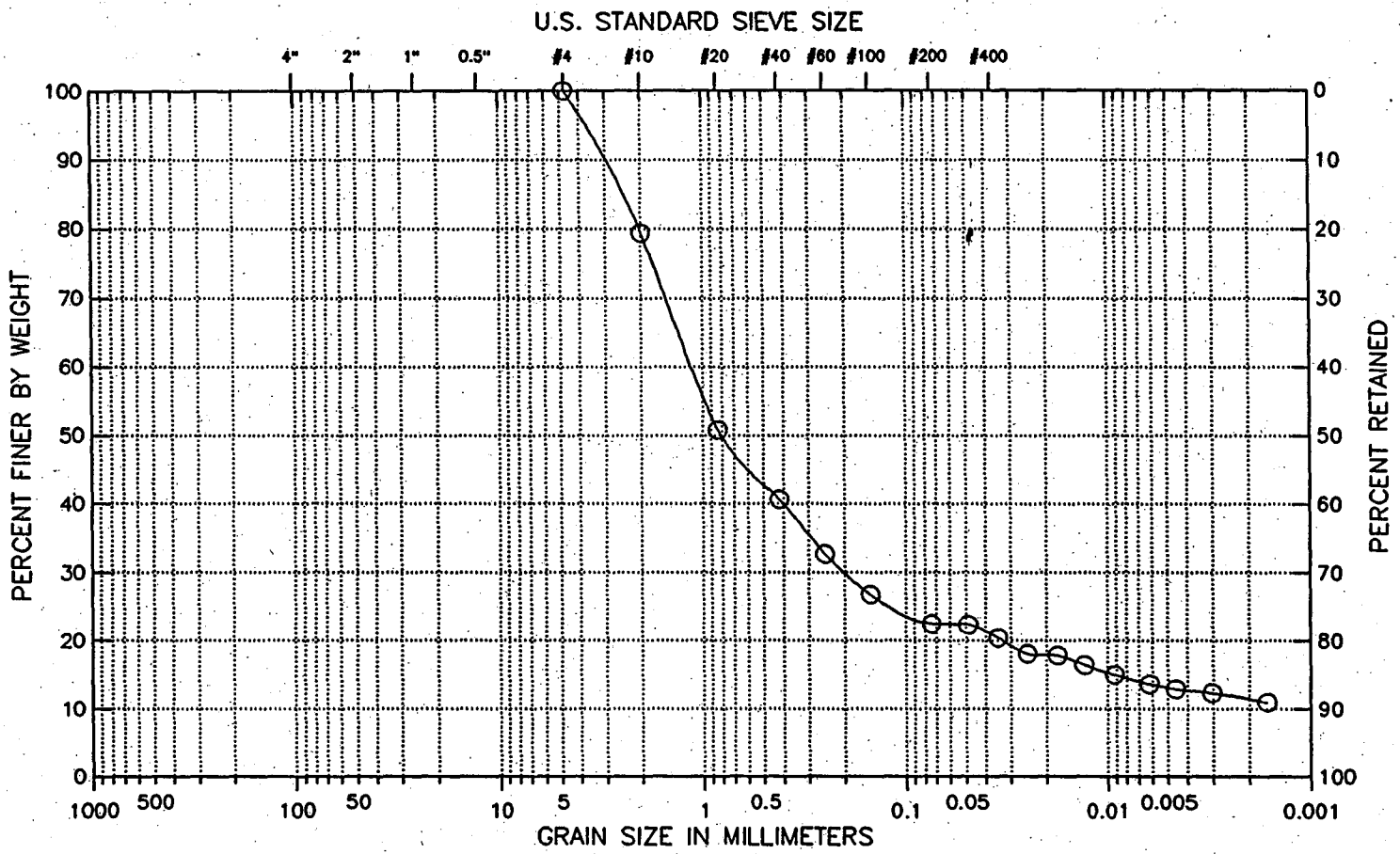
Total Dry Weight of Sample = 38.68

D85 : 2.5319 mm
D60 : 1.1126 mm
D50 : 0.7986 mm
D30 : 0.1972 mm
D15 : 0.0091 mm
D10 : 0.0011 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

1753

Boring No. : --- Sample No.: 041M030701 Test Method ASTM D422 Filename : 05	Project : NAS Pensacola #9501012 Project No.: GTX-936 Location: Pensacola, FL Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 5

1752

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M040101
Location : Pensacola, FL
Soil Description : Black silty medium-fine sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 48.59 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	15.50	20.10	9.86	0.051	20	0.051
2.00	14.50	20.10	8.86	0.036	18	0.036
4.00	14.00	20.10	8.36	0.025	17	0.025
8.00	13.60	20.10	7.96	0.018	16	0.018
15.00	12.30	20.10	6.66	0.013	14	0.013
30.00	10.40	20.40	4.87	0.009	10	0.009
60.00	8.90	20.60	3.44	0.007	7	0.007
120.00	8.20	21.10	2.91	0.005	6	0.005
261.00	7.10	21.90	2.09	0.003	4	0.003
1015.00	7.00	17.50	0.46	0.002	1	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	2.60	2.60	95
#40	0.017	0.42	7.15	9.75	80
#60	0.010	0.25	11.85	21.60	56
#100	0.006	0.15	10.04	31.64	35
#200	0.003	0.07	3.14	34.78	28
Pan			13.81	48.59	0

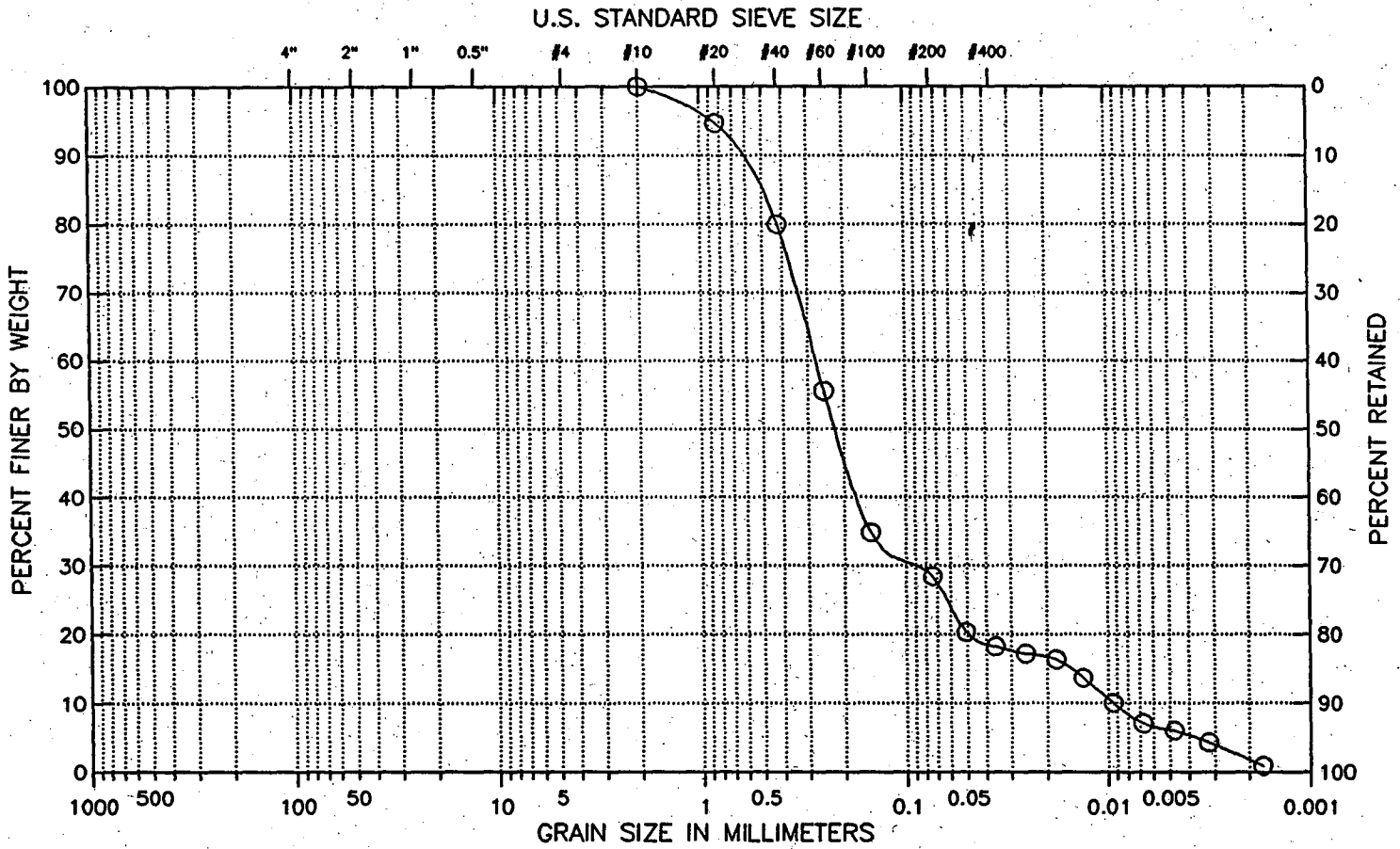
Total Dry Weight of Sample = 58.02

D85 : 0.5334 mm
D60 : 0.2748 mm
D50 : 0.2176 mm
D30 : 0.0878 mm
D15 : 0.0154 mm
D10 : 0.0094 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1755

Boring No. : ---	Project : NAS Pensacola #9501012
Sample No: 041M040101	Project No.: GTX-936
Test Method ASTM D422	Location: Pensacola, FL
Filename : 06	Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty medium-fine sand with organics

Figure 6

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M040201
Location : Pensacola, FL
Soil Description : Black silty medium-fine sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 07
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 26.53 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.50	20.00	4.83	0.052	18	0.052
2.00	10.00	20.00	4.33	0.037	16	0.037
4.00	9.80	20.00	4.13	0.026	16	0.026
8.00	9.50	20.00	3.83	0.019	14	0.019
15.00	8.90	20.00	3.23	0.014	12	0.014
30.00	7.50	20.30	1.93	0.010	7	0.010
60.00	7.30	20.60	1.84	0.007	7	0.007
120.00	7.10	21.10	1.81	0.005	7	0.005
240.00	5.90	21.50	0.75	0.003	3	0.003
1015.00	7.00	17.80	0.56	0.002	2	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.44	0.44	98
#40	0.017	0.42	5.45	5.89	78
#60	0.010	0.25	5.12	11.01	58
#100	0.006	0.15	5.62	16.63	37
#200	0.003	0.07	1.43	18.06	32
Pan			8.47	26.53	0

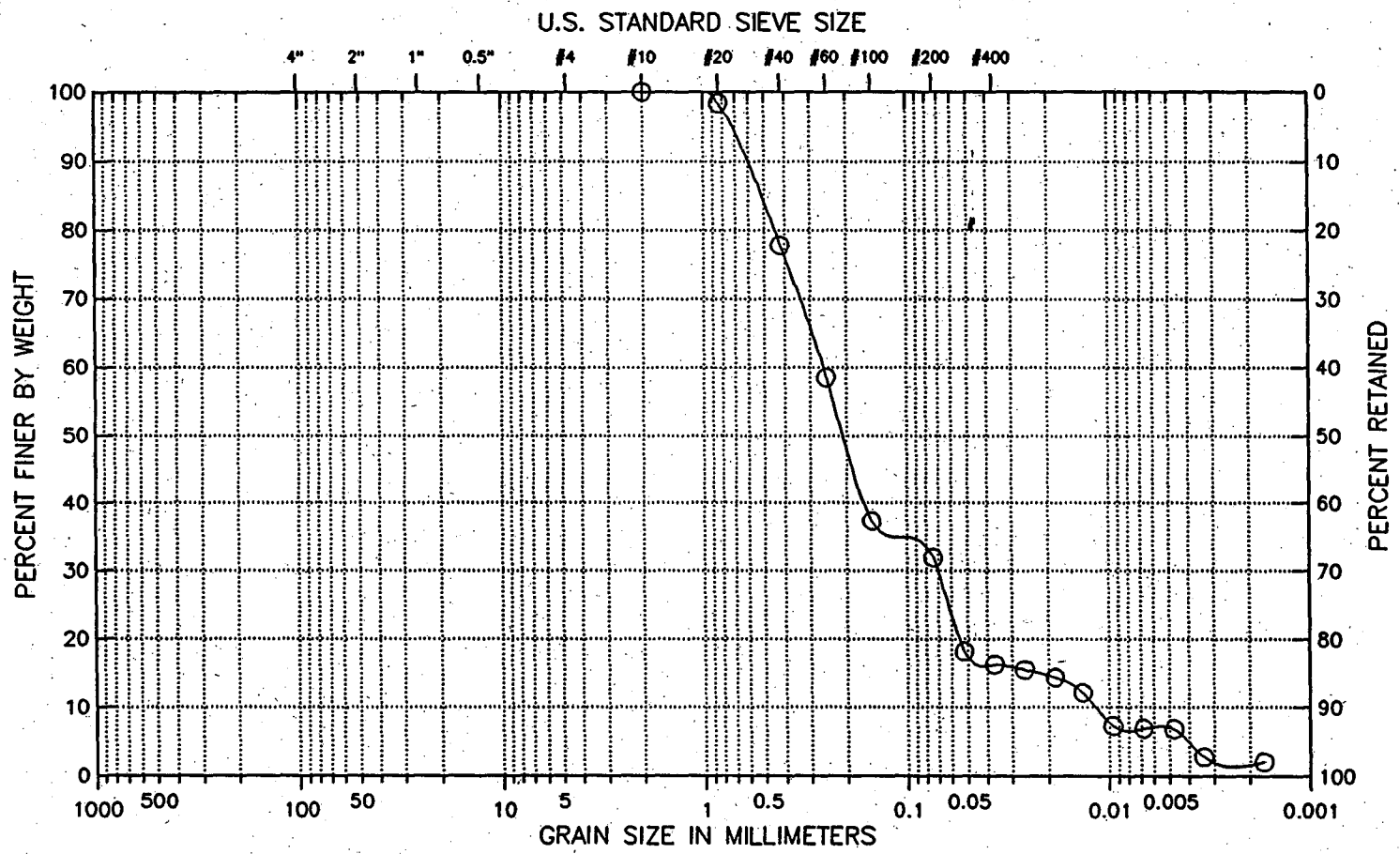
Total Dry Weight of Sample = 35.96

D85 : 0.5357 mm
D60 : 0.2603 mm
D50 : 0.2031 mm
D30 : 0.0704 mm
D15 : 0.0220 mm
D10 : 0.0116 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1757

	Boring No. : --- Sample No: 041M040201 Test Method ASTM D422 Filename : 07	Project : NAS Pensacola #9501012 Project No.: GTX-936 Location: Pensacola, FL Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty medium-fine sand with organics

Figure 7

1756

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M040301
Location : Pensacola, FL
Soil Description : Black/brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 08
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.09	0.09	100
#20	0.033	0.84	0.67	0.76	99
#40	0.017	0.42	28.55	29.31	63
#60	0.010	0.25	33.28	62.59	21
#100	0.006	0.15	14.71	77.30	3
#200	0.003	0.07	1.16	78.46	1
Pan			0.93	79.39	0

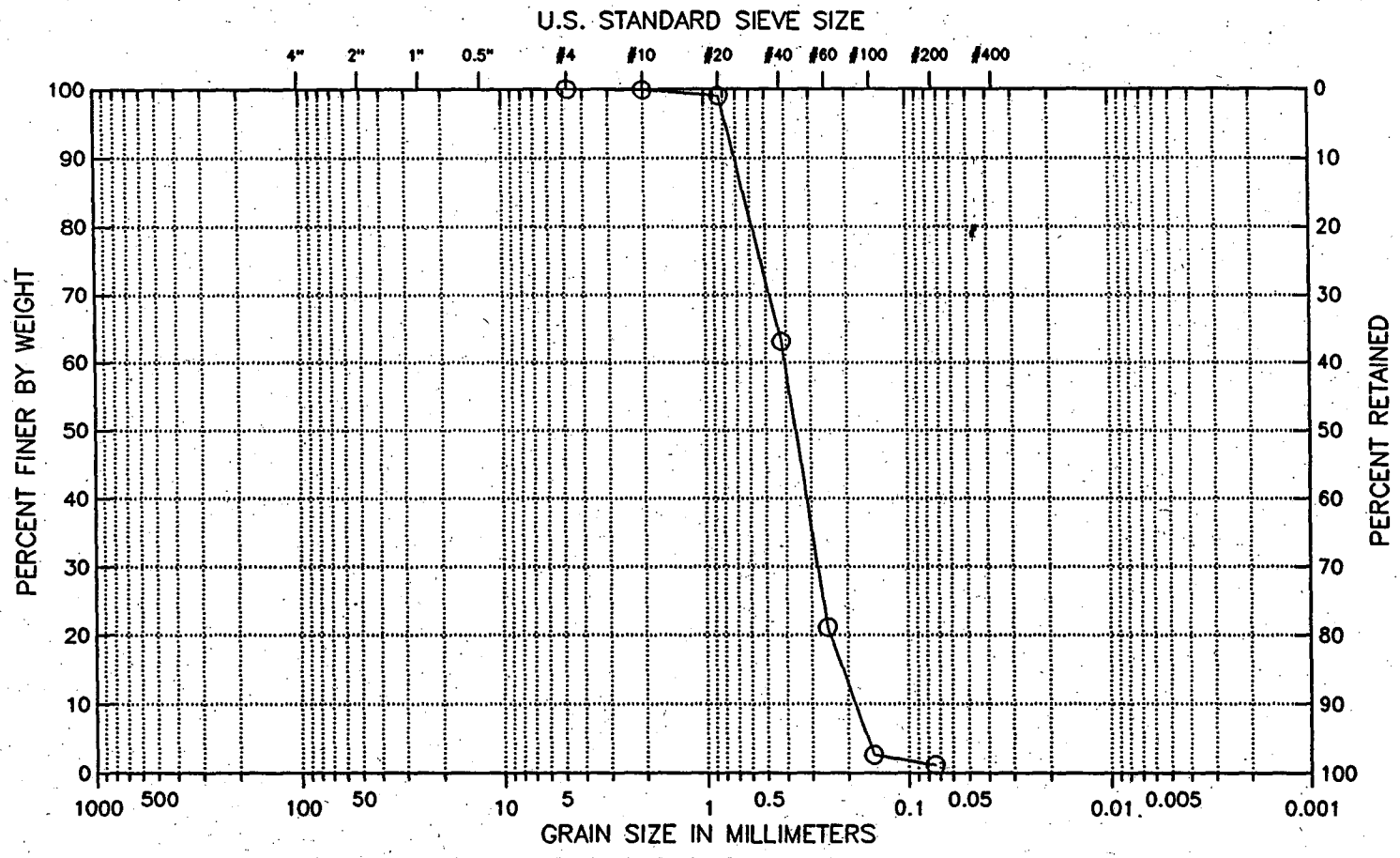
Total Dry Weight of Sample = 81.67

D85 : 0.6413 mm
D60 : 0.4043 mm
D50 : 0.3572 mm
D30 : 0.2789 mm
D15 : 0.2105 mm
D10 : 0.1830 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1759

Boring No. : --- Sample No: 041M040301 Test Method ASTM D422 Filename : 08	Project : NAS Pensacola #9501012 Project No.: GTX-936 Location: Pensacola, FL Test Date 12/11/95



175

Classification :
(SP) Poorly graded sand
Visual Description :
Black/brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 8

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M040401
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 09
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 35.01 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	13.50	19.90	7.79	0.051	22	0.051
2.00	13.00	19.90	7.29	0.036	21	0.036
4.00	12.10	19.70	6.32	0.026	18	0.026
8.00	11.20	19.70	5.42	0.018	16	0.018
15.00	10.60	20.00	4.93	0.013	14	0.013
30.00	9.20	20.00	3.53	0.010	10	0.010
60.00	8.10	20.30	2.53	0.007	7	0.007
120.00	7.90	20.80	2.51	0.005	7	0.005
240.00	6.60	21.10	1.31	0.003	4	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.88	0.88	97
#40	0.017	0.42	4.65	5.53	84
#60	0.010	0.25	10.26	15.79	55
#100	0.006	0.15	7.41	23.20	34
#200	0.003	0.07	1.34	24.54	30
Pan			10.47	35.01	0

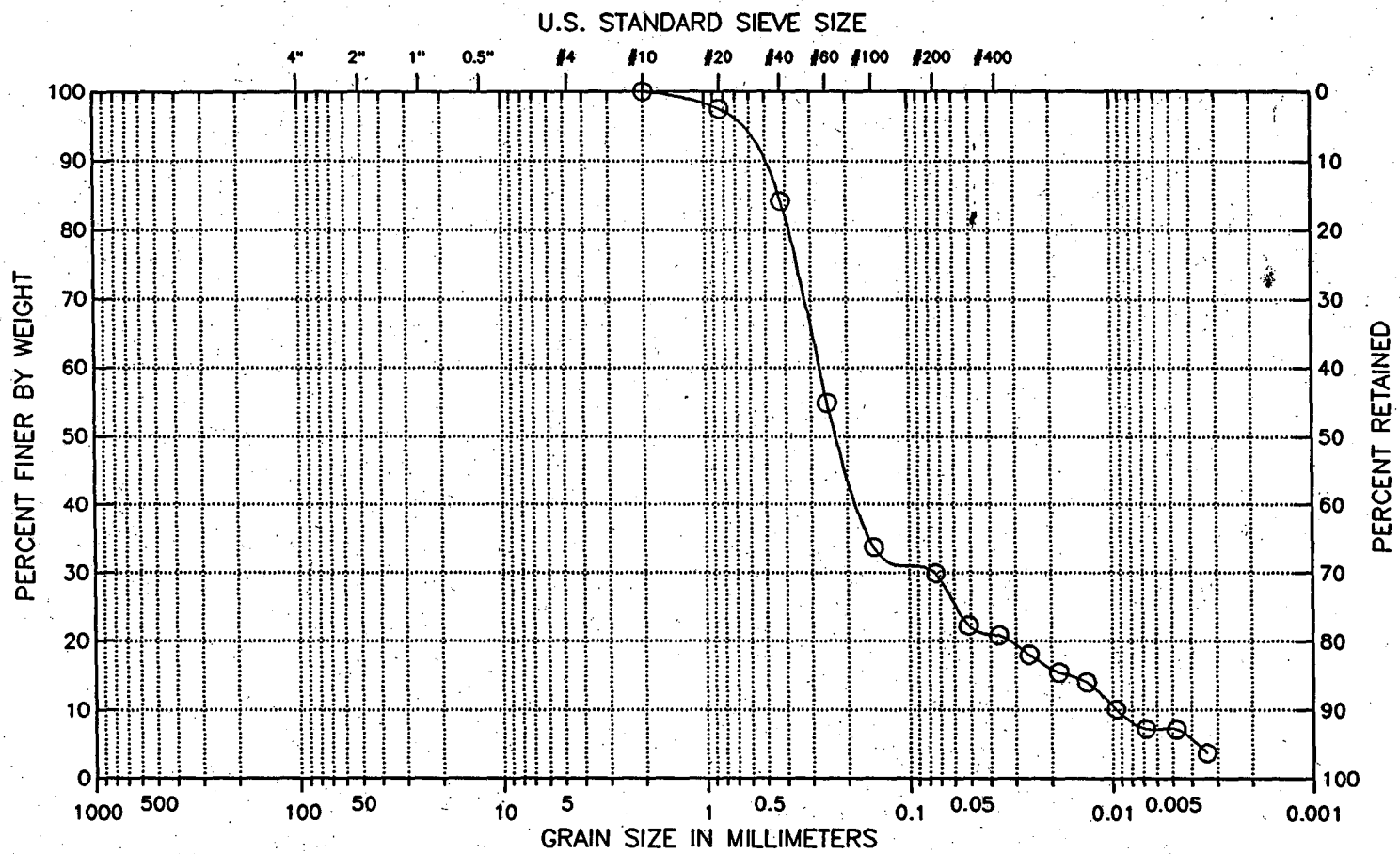
Total Dry Weight of Sample = 44.19

D85 : 0.4378 mm
D60 : 0.2736 mm
D50 : 0.2218 mm
D30 : 0.0753 mm
D15 : 0.0165 mm
D10 : 0.0095 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1761

Boring No. : --- Sample No: 041M040401 Test Method ASTM D422 Filename : 09	Project : NAS Pensacola #9501012 Project No.: GTX-936 Location: Pensacola, FL Test Date 12/11/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

170

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 9

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #9501012
Project No. : GTX-936
Boring No. : ---
Sample No. : 041M040501
Location : Pensacola, FL

Depth : ---
Test Date : 12/11/95
Test Method : ASTM D422

Filename : 10
Elevation : ---
Tested by : rl
Checked by : gtt

Soil Description : Light brown sand with some gravel
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	45.74	45.74	63
#10	0.079	2.00	0.60	46.34	63
#20	0.033	0.84	1.10	47.44	62
#40	0.017	0.42	16.52	63.96	49
#60	0.010	0.25	44.61	108.57	13
#100	0.006	0.15	15.11	123.68	1
#200	0.003	0.07	0.60	124.28	1
Pan			0.70	124.98	0

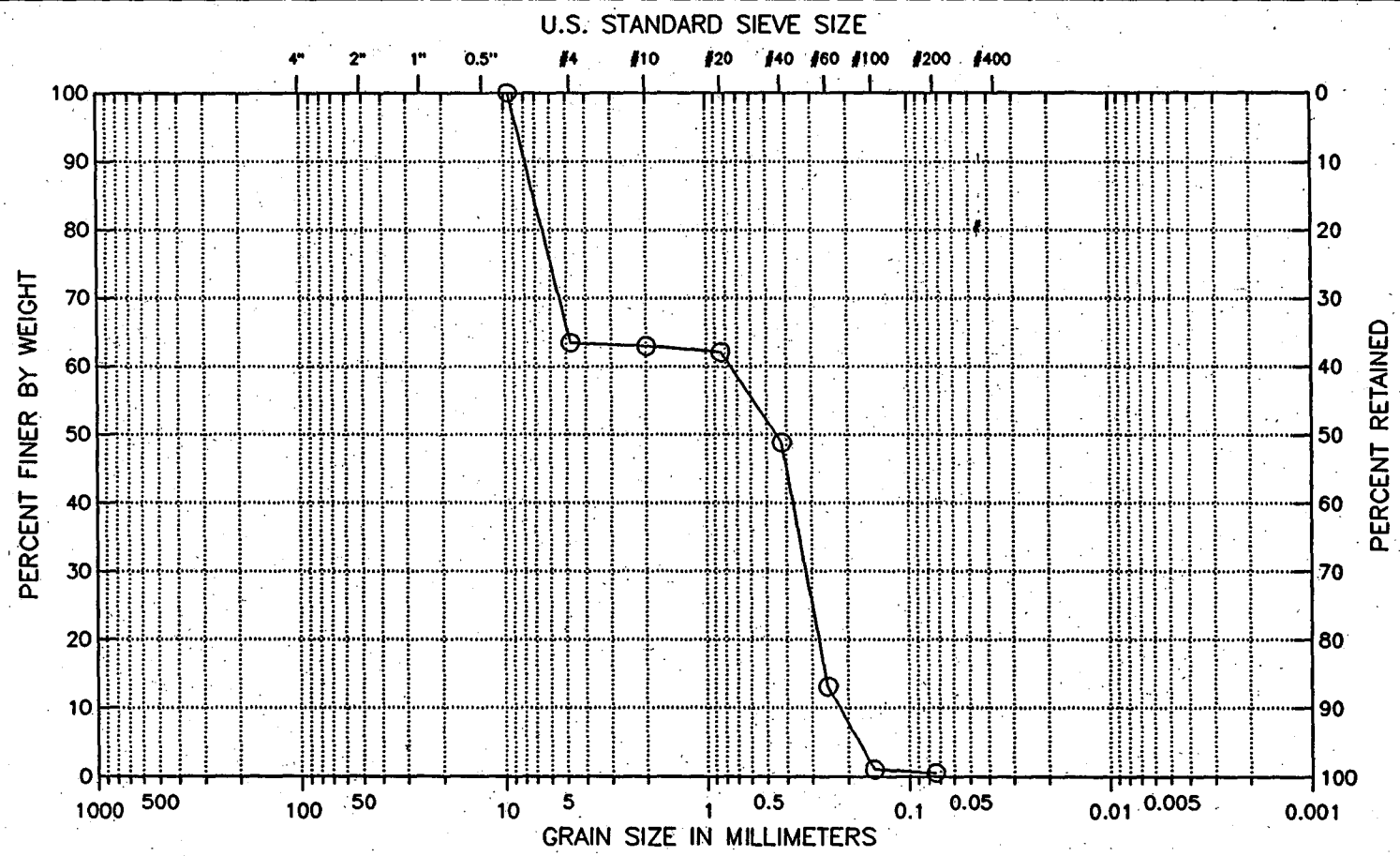
Total Dry Weight of Sample = 127.26

D85 : 7.1551 mm
D60 : 0.7555 mm
D50 : 0.4468 mm
D30 : 0.3195 mm
D15 : 0.2569 mm
D10 : 0.2187 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand with gravel
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

1763

Boring No. : ---	Project : NAS Pensacola #9501012
Sample No: 041M040501	Project No.: GTX-936
Test Method ASTM D422	Location: Pensacola, FL
Filename : 10	Test Date 12/11/95



Classification :
(SP) Poorly graded sand with gravel
Visual Description :
Light brown sand with some gravel

Remarks :
Hydrometer not required, fines < 10%

Figure 10

176

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M5A0101
Location : Pensacola, FL
Soil Description : Saturated, dark brown silty fine sand w/ organics
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 40.68 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	14.10	19.30	8.18	0.051	19	0.051
2.00	10.10	19.30	4.18	0.037	10	0.037
4.00	9.20	19.40	3.32	0.026	8	0.026
8.00	8.80	19.50	2.95	0.019	7	0.019
15.00	8.20	19.50	2.35	0.014	5	0.014
30.00	7.00	19.70	1.22	0.010	3	0.010
61.00	6.10	20.20	0.50	0.007	1	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.99	0.99	94
#20	0.033	0.84	0.60	1.59	90
#40	0.017	0.42	2.76	4.35	73
#60	0.010	0.25	3.69	8.04	50
#100	0.006	0.15	2.87	10.91	33
#200	0.003	0.07	1.94	12.85	21
Pan			3.39	16.24	0

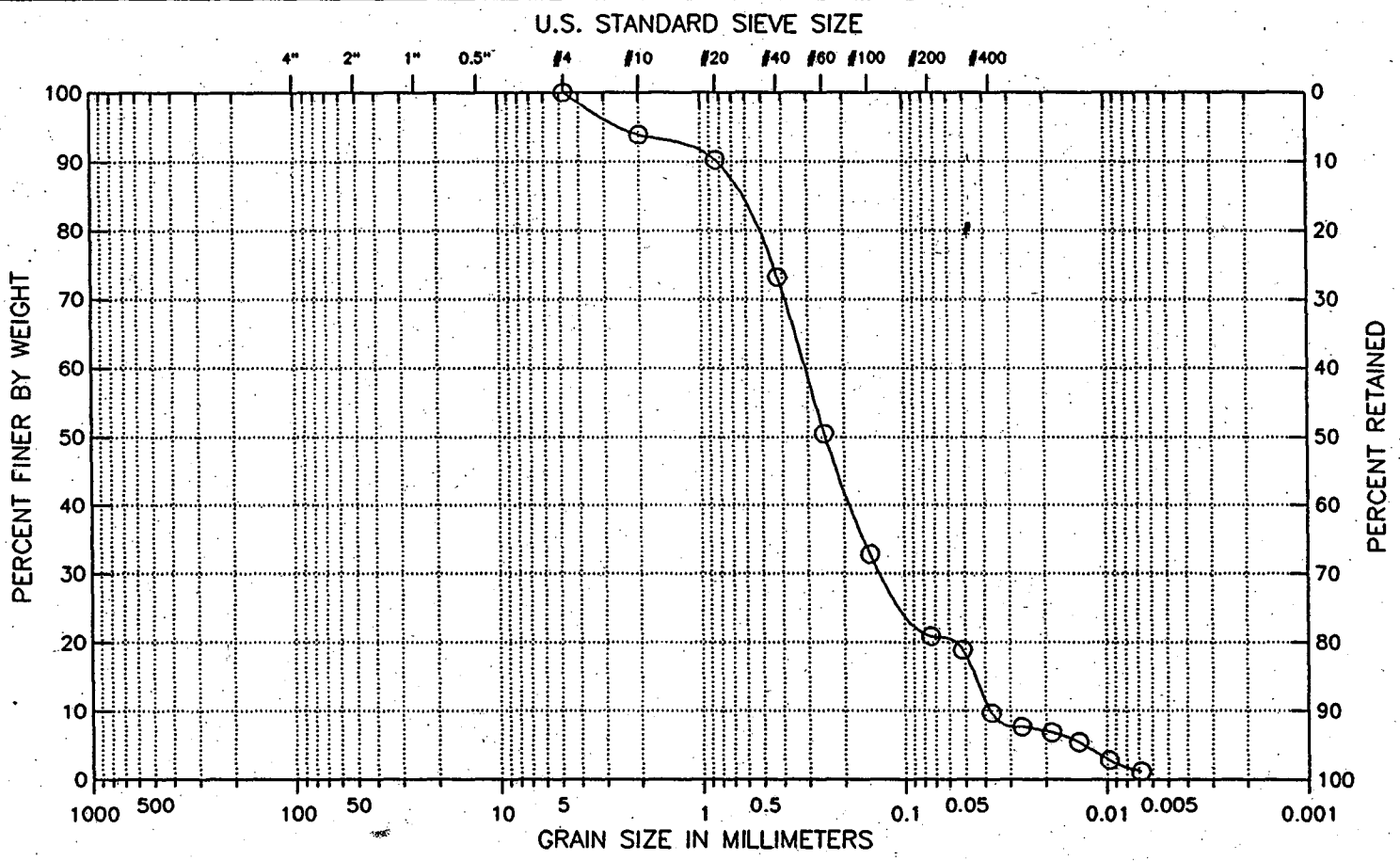
Total Dry Weight of Sample = 18.57

D85 : 0.6798 mm
D60 : 0.3106 mm
D50 : 0.2464 mm
D30 : 0.1263 mm
D15 : 0.0449 mm
D10 : 0.0377 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

2427

Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M5A0101	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark brown silty fine sand w/ organics

Figure 1

2420

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M5A0201
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Saturated, dark brown med-fine sand w/ organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.22	0.22	99
#10	0.079	2.00	0.48	0.70	98
#20	0.033	0.84	2.88	3.58	91
#40	0.017	0.42	12.48	16.06	60
#60	0.010	0.25	18.79	34.85	14
#100	0.006	0.15	3.71	38.56	4
#200	0.003	0.07	0.97	39.53	2
Pan		-	0.78	40.31	0

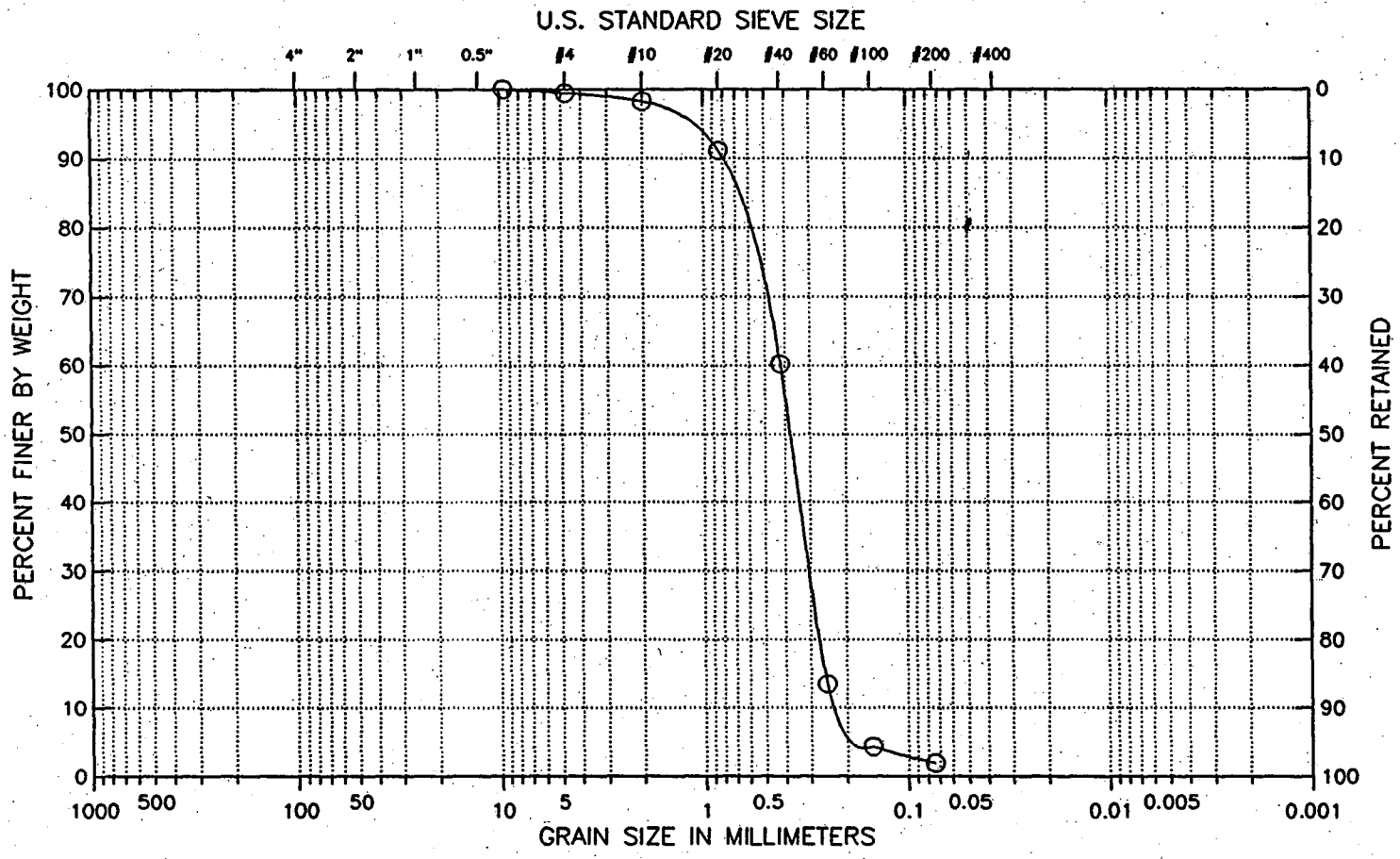
Total Dry Weight of Sample = 42.63

D85 : 0.7332 mm
D60 : 0.4193 mm
D50 : 0.3751 mm
D30 : 0.3002 mm
D15 : 0.2541 mm
D10 : 0.2048 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2429

Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M5A0201	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Saturated, dark brown med-fine sand w/ organics

Remarks :
Hydrometer not required, fines < 10%

Figure 2

2428

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M5A0301
Location : Pensacola, FL
Soil Description : Saturated, dark brown silty fine sand w/ organics
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 32.52 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.20	19.50	6.35	0.052	19	0.052
2.00	10.40	19.50	4.55	0.037	14	0.037
4.00	9.80	19.50	3.95	0.026	12	0.026
8.00	9.10	19.40	3.22	0.019	10	0.019
15.00	8.60	19.80	2.86	0.014	9	0.014
30.00	7.10	19.90	1.39	0.010	4	0.010
61.00	6.00	20.30	0.43	0.007	1	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.09	0.09	99
#20	0.033	0.84	0.20	0.29	98
#40	0.017	0.42	1.17	1.46	88
#60	0.010	0.25	3.12	4.58	63
#100	0.006	0.15	1.96	6.54	47
#200	0.003	0.07	1.29	7.83	37
Pan			4.58	12.41	0

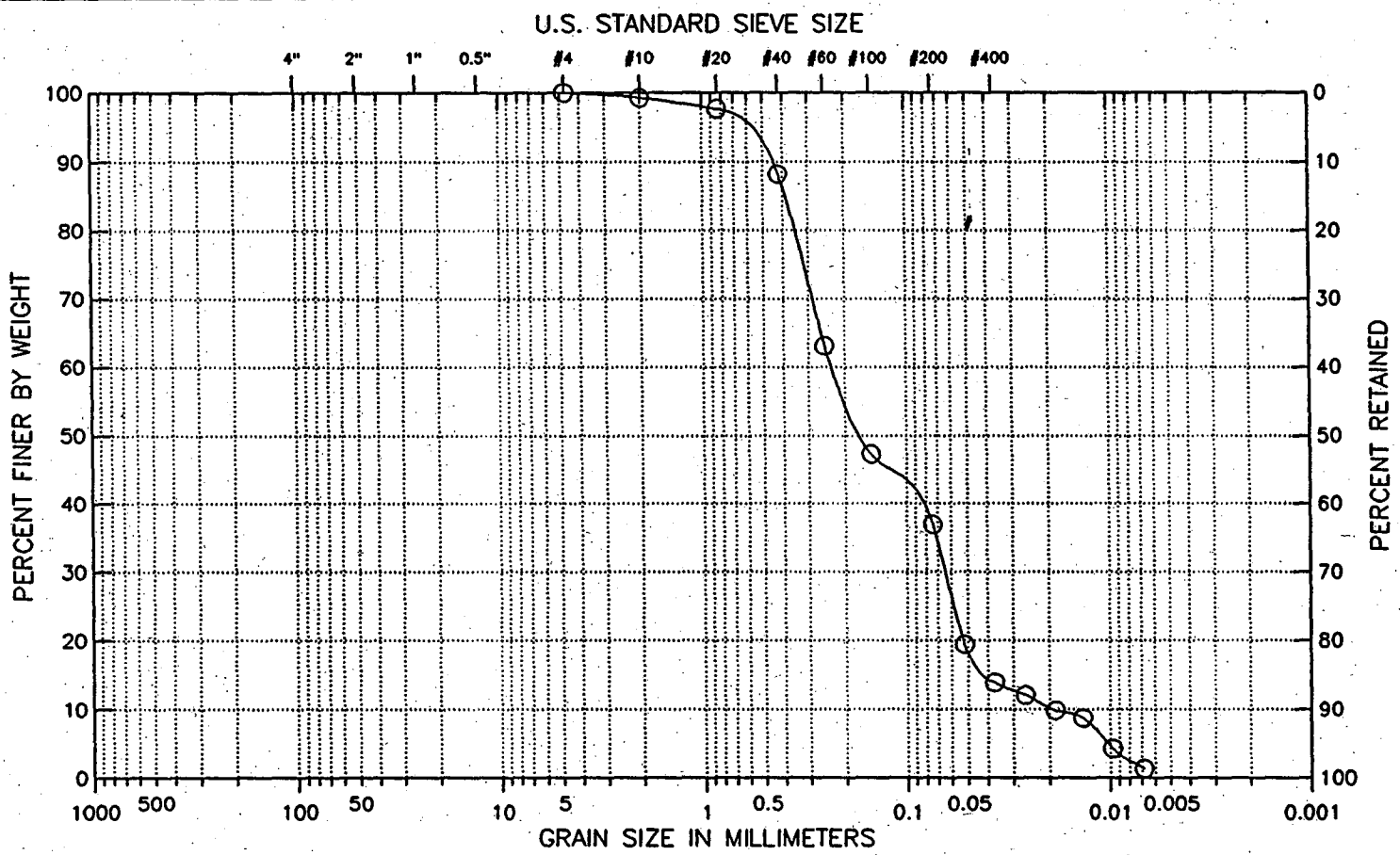
Total Dry Weight of Sample = 14.76

D85 : 0.3929 mm
D60 : 0.2259 mm
D50 : 0.1628 mm
D30 : 0.0643 mm
D15 : 0.0396 mm
D10 : 0.0192 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2431

Boring No. : --- Sample No.: 041M5A0301 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #950950 Project No.: GTX-922 Location: Pensacola, FL Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark brown silty fine sand w/ organics

Figure 3

2430

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M5A0401
Location : Pensacola, FL
Soil Description : Saturated, dark brown silty fine sand w/ organics
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 12.94 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	9.50	19.70	3.72	0.053	29	0.053
2.00	7.20	19.70	1.42	0.038	11	0.038
4.00	6.60	19.70	0.82	0.027	6	0.027
8.00	6.40	19.80	0.66	0.019	5	0.019
15.00	6.00	19.80	0.26	0.014	2	0.014

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.65	0.65	90
#40	0.017	0.42	1.60	2.25	64
#60	0.010	0.25	0.64	2.89	54
#100	0.006	0.15	0.61	3.50	44
#200	0.003	0.07	0.61	4.11	34
Pan			2.11	6.22	0

Total Dry Weight of Sample = 8.55

D85 : 0.7438 mm
D60 : 0.3463 mm
D50 : 0.2074 mm
D30 : 0.0570 mm
D15 : 0.0406 mm
D10 : 0.0350 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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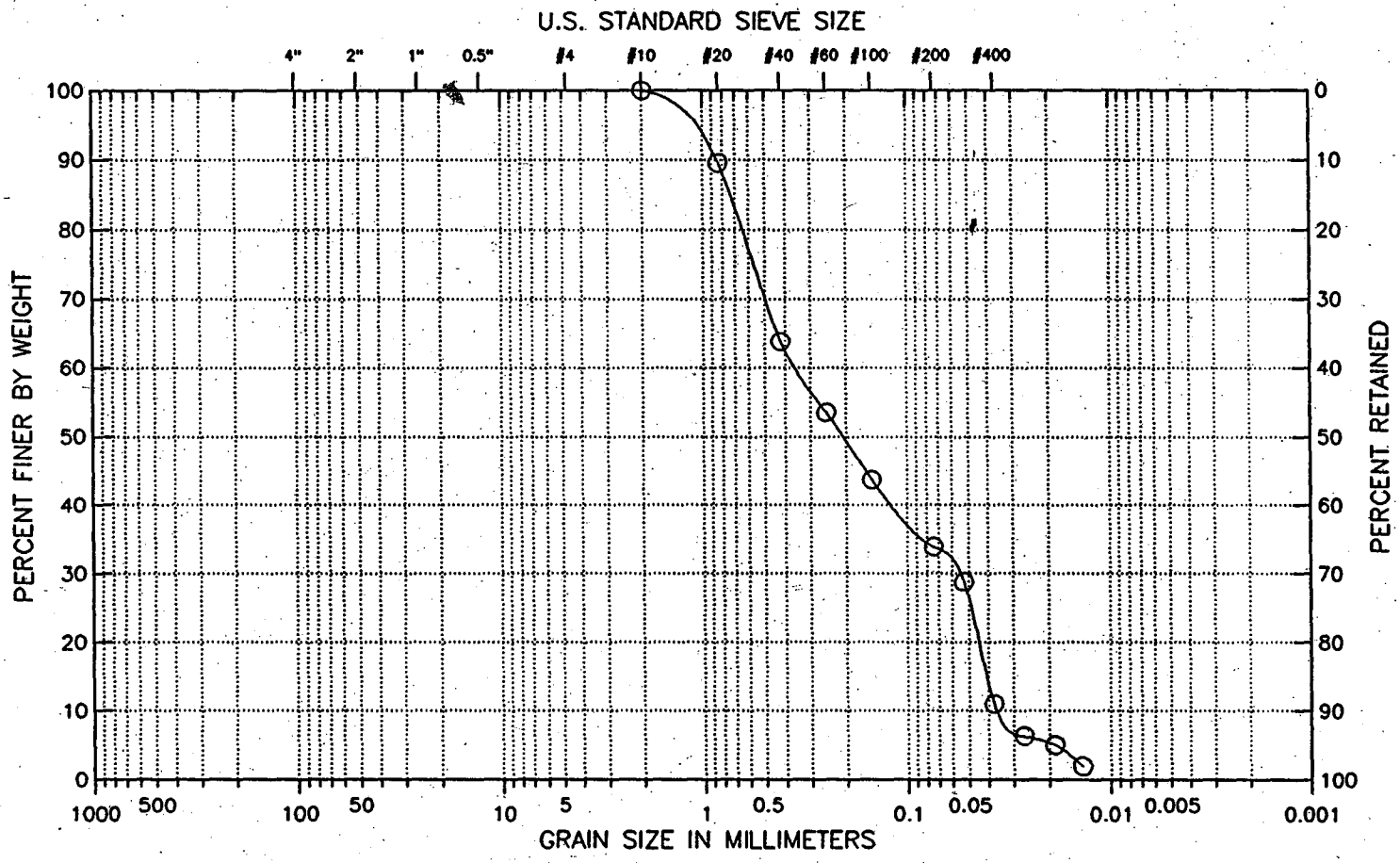
Boring No. : --- Sample No: 041M5A0401 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #950950 Project No.: GTX-922 Location: Pensacola, FL Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark brown silty fine sand w/ organics

Figure 4

2432

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950979
Project No. : GTX-927
Boring No. : ---
Sample No. : 041M5A0501
Location : Pensacola, FL
Soil Description : Dark brown sandy silt with organics
Remarks : ---

Depth : ---
Test Date : 11/27/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 19.05 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	13.80	15.60	6.61	0.054	35	0.054
2.00	12.50	15.60	5.31	0.039	28	0.039
4.00	11.60	15.60	4.41	0.027	23	0.027
8.00	10.70	15.60	3.51	0.019	18	0.019
15.00	10.50	15.60	3.31	0.014	17	0.014
30.00	9.90	16.50	3.01	0.010	16	0.010
60.00	8.90	17.40	2.32	0.007	12	0.007
113.00	8.00	18.20	1.70	0.005	9	0.005
243.00	6.90	19.60	1.09	0.003	6	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.10	0.10	100
#20	0.033	0.84	2.30	2.40	89
#40	0.017	0.42	2.24	4.64	78
#60	0.010	0.25	3.33	7.97	62
#100	0.006	0.15	1.46	9.43	55
#200	0.003	0.07	1.17	10.60	50
Pan			10.45	21.05	0

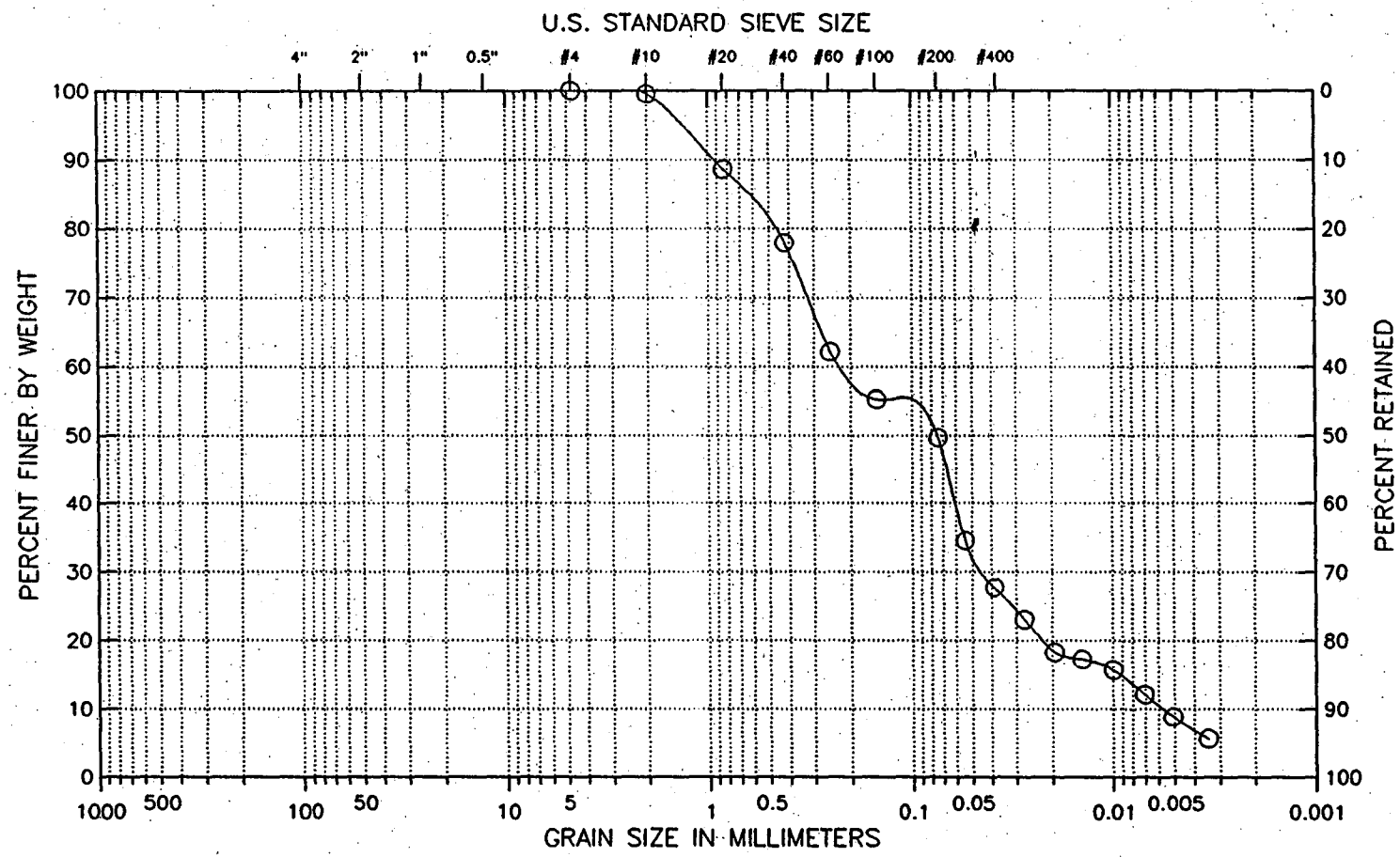
Total Dry Weight of Sample = 30.62

D85 : 0.6650 mm
D60 : 0.2131 mm
D50 : 0.0774 mm
D30 : 0.0432 mm
D15 : 0.0093 mm
D10 : 0.0057 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2007

Boring No. : --- Sample No: 041M5A0501 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #950979 Project No.: GTX-927 Location: Pensacola, FL Test Date 11/27/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown sandy silt with organics

Figure 3

2006

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M5A0601
Location : Pensacola, FL
Soil Description : Brown medium sand with little organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

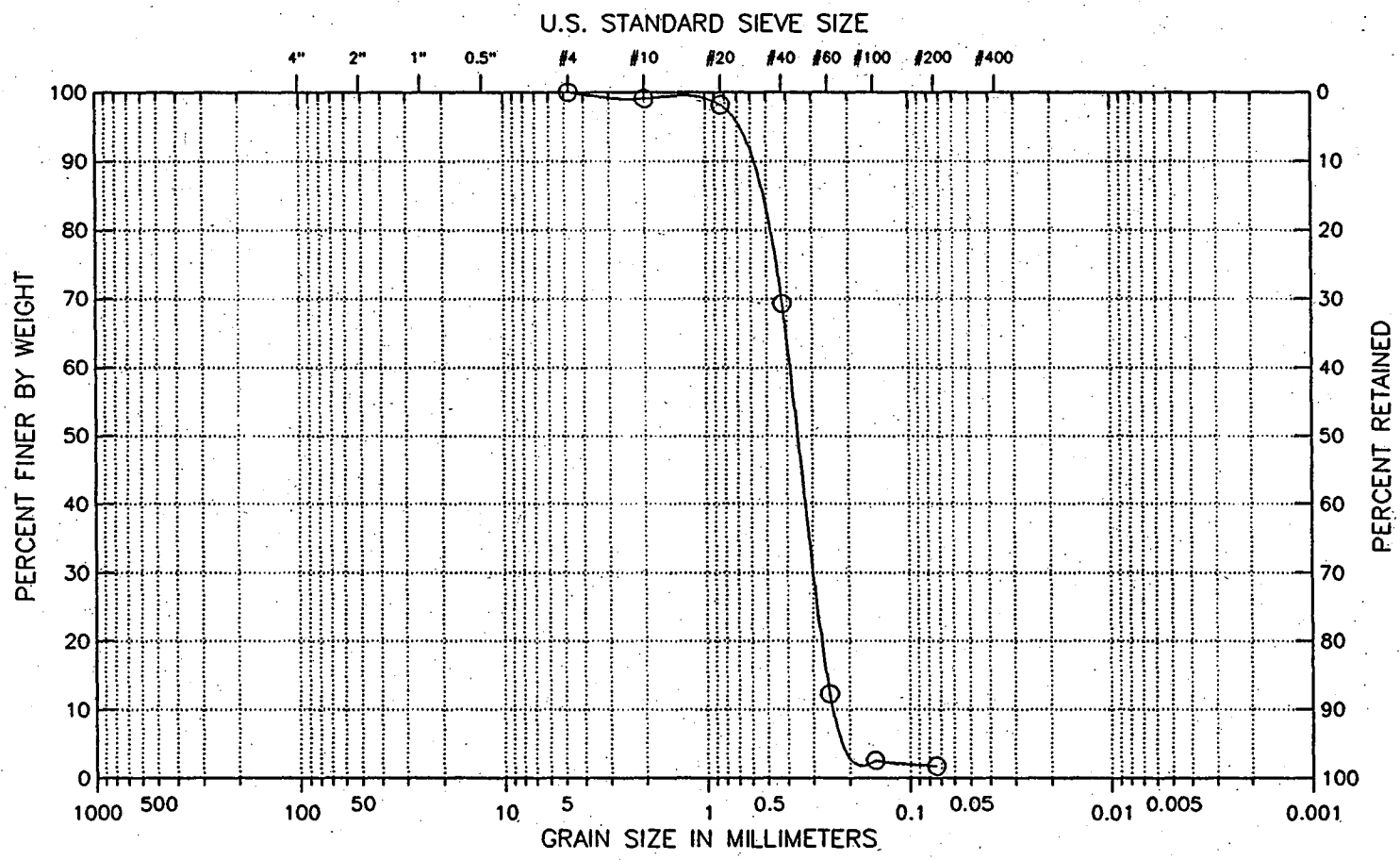
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.05	1.05	99
#20	0.033	0.84	1.04	2.09	98
#40	0.017	0.42	32.89	34.98	69
#60	0.010	0.25	64.82	99.80	12
#100	0.006	0.15	11.10	110.90	3
#200	0.003	0.07	0.92	111.82	2
Pan			2.00	113.82	0

Total Dry Weight of Sample = 122.99

D85 : 0.6130 mm
D60 : 0.3860 mm
D50 : 0.3524 mm
D30 : 0.2937 mm
D15 : 0.2562 mm
D10 : 0.2211 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No: 041M5A0601 Test Method ASTM D422 Filename : 01	Project : NAS Pensacola #950952 Project No.: GTX-923 Location: Pensacola, FL Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown medium sand with little organics

Remarks :
Hydrometer not required, fines < 10%

Figure 1

1524

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M5A0701
Location : Pensacola, FL
Soil Description : Moist, gray medium sand w/ some organics, shells
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	3.61	3.61	96
#20	0.033	0.84	10.90	14.51	85
#40	0.017	0.42	28.21	42.72	56
#60	0.010	0.25	45.06	87.78	9
#100	0.006	0.15	8.35	96.13	1
#200	0.003	0.07	0.53	96.66	0
Pan			0.32	96.98	0

Total Dry Weight of Sample = 99.26

D85 : 0.8402 mm
D60 : 0.4626 mm
D50 : 0.3930 mm
D30 : 0.3144 mm
D15 : 0.2659 mm
D10 : 0.2514 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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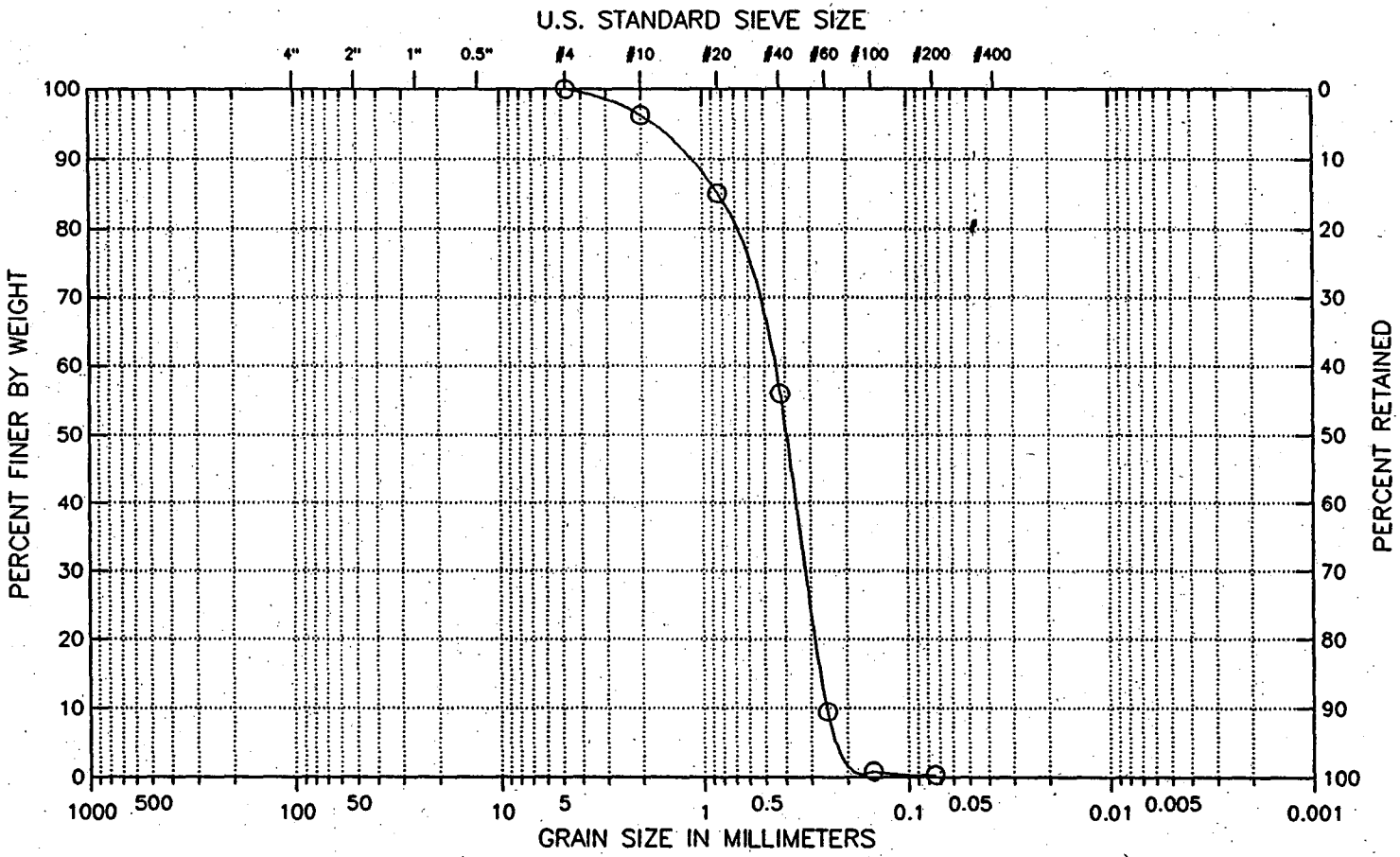
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M5A0701	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 05	Test Date 11/21/95



Classification :
(SP) Poorly graded sand

Visual Description :
Moist, gray medium sand w/ some organics, shells

Remarks :
Hydrometer not required, fines < 10%

Figure 5

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M5B0101
Location : Pensacola, FL
Soil Description : Light brown medium sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

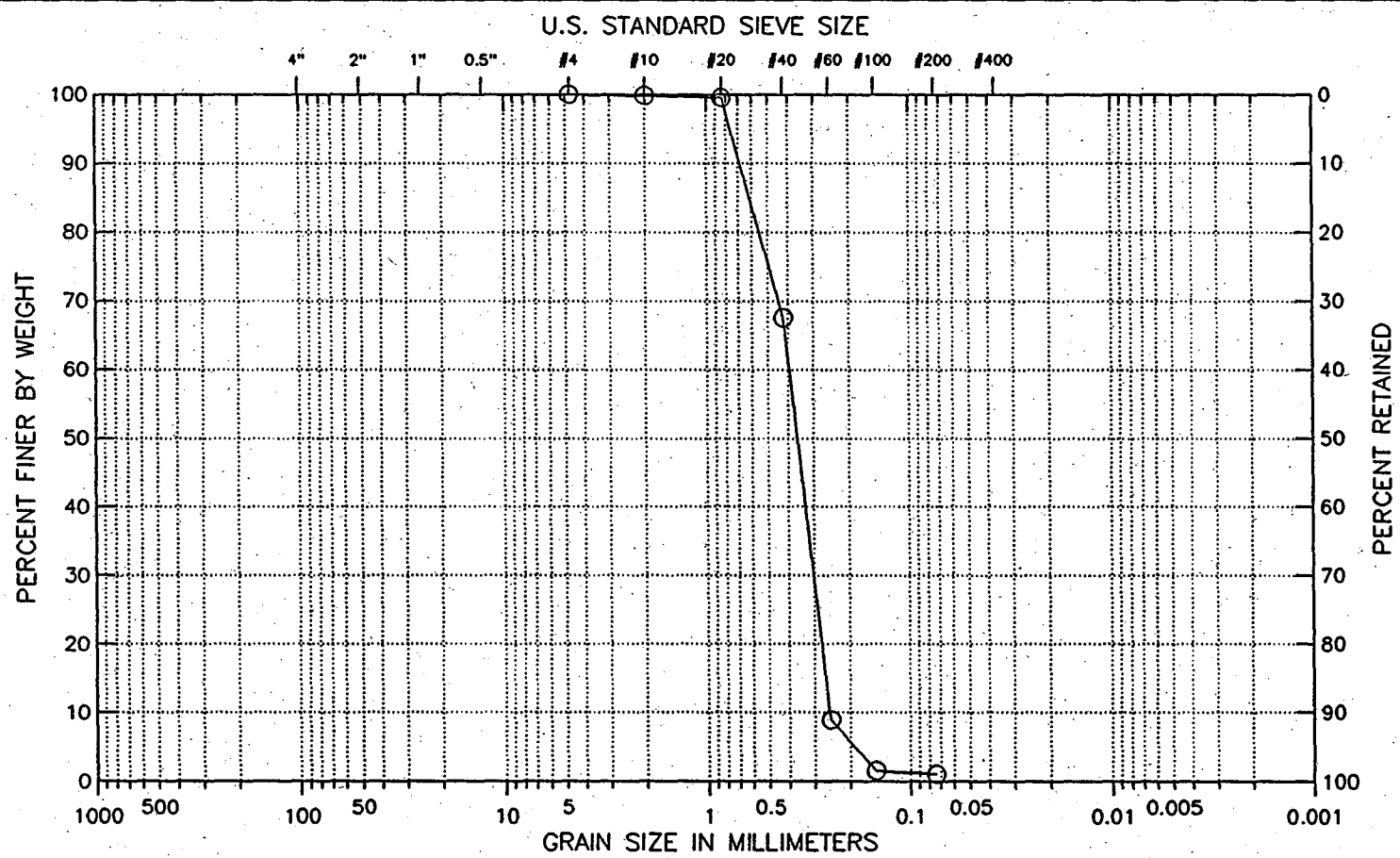
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.16	0.16	100
#20	0.033	0.84	0.32	0.48	100
#40	0.017	0.42	31.79	32.27	68
#60	0.010	0.25	58.36	90.63	9
#100	0.006	0.15	7.30	97.93	2
#200	0.003	0.07	0.48	98.41	1
Pan			1.07	99.48	0

Total Dry Weight of Sample = 108.64

D85 : 0.6135 mm
D60 : 0.3928 mm
D50 : 0.3596 mm
D30 : 0.3013 mm
D15 : 0.2639 mm
D10 : 0.2525 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No: 041M5B0101 Test Method ASTM D422 Filename : 02	Project : NAS Pensacola #950952 Project No.: GTX-923 Location: Pensacola, FL Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light brown medium sand

Remarks :
Hydrometer not required, fines < 10%

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M5B0201
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 48.01 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.70	17.50	6.16	0.053	13	0.053
2.00	12.00	17.50	5.46	0.038	11	0.038
4.00	9.00	17.50	2.46	0.027	5	0.027
8.00	7.30	17.50	0.76	0.019	2	0.019

FINE SIEVE SET

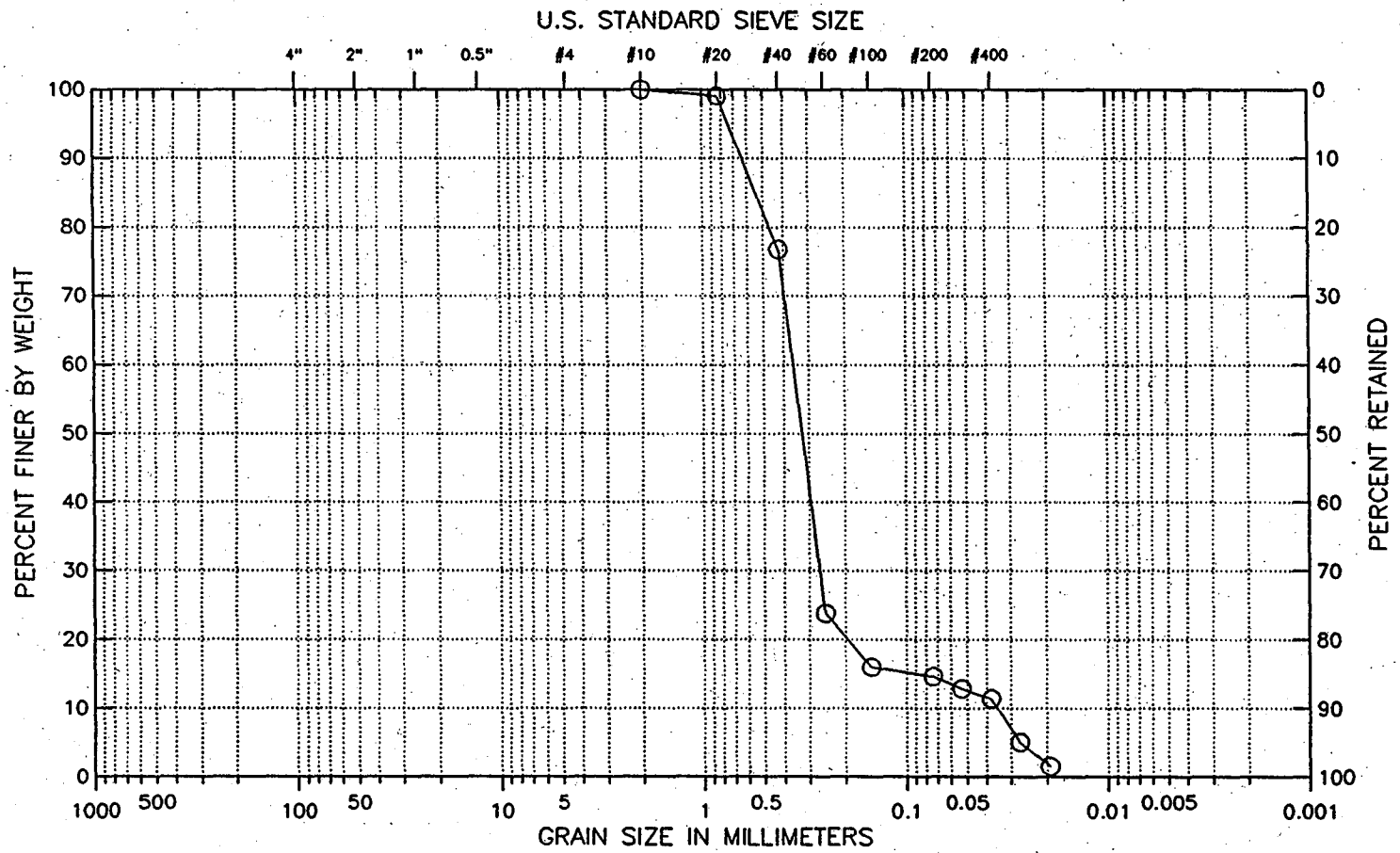
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.44	0.44	99
#40	0.017	0.42	10.72	11.16	77
#60	0.010	0.25	25.43	36.59	24
#100	0.006	0.15	3.75	40.34	16
#200	0.003	0.07	0.65	40.99	15
Pan			7.02	48.01	0

Total Dry Weight of Sample = 57.56

D85 : 0.5427 mm
D60 : 0.3564 mm
D50 : 0.3232 mm
D30 : 0.2657 mm
D15 : 0.0900 mm
D10 : 0.0351 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

Boring No. : --- Sample No: 041M5B0201 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #950952 Project No.: GTX-923 Location: Pensacola, FL Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 3

Mon Dec 04 16:22:02 1995

GEOTECHNICAL LABORATORY TEST DATA

GTX-921 01
or
921-01
or
01

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 04MP60101
Location : Pensacola, FL
Soil Description : Moist, brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
[redacted]	0.374	9.51	0.00	0.00	100
[redacted]	0.187	4.75	2.92	2.92	96
[redacted]	0.079	2.00	2.94	5.86	92
[redacted]	0.033	0.84	5.76	11.62	84
[redacted]	0.017	0.42	18.92	30.54	57
[redacted]	0.010	0.25	29.07	59.61	16
[redacted]	0.006	0.15	8.95	68.56	4
[redacted]	0.003	0.07	0.89	69.45	2
[redacted]			1.75	71.20	0

Total Dry Weight of Sample = 73.51

D85 : 0.9687 mm
D60 : 0.4530 mm
D50 : 0.3837 mm
D30 : 0.2976 mm
D15 : 0.2372 mm
D10 : 0.1931 mm

Soil Classification

[redacted] : [redacted]
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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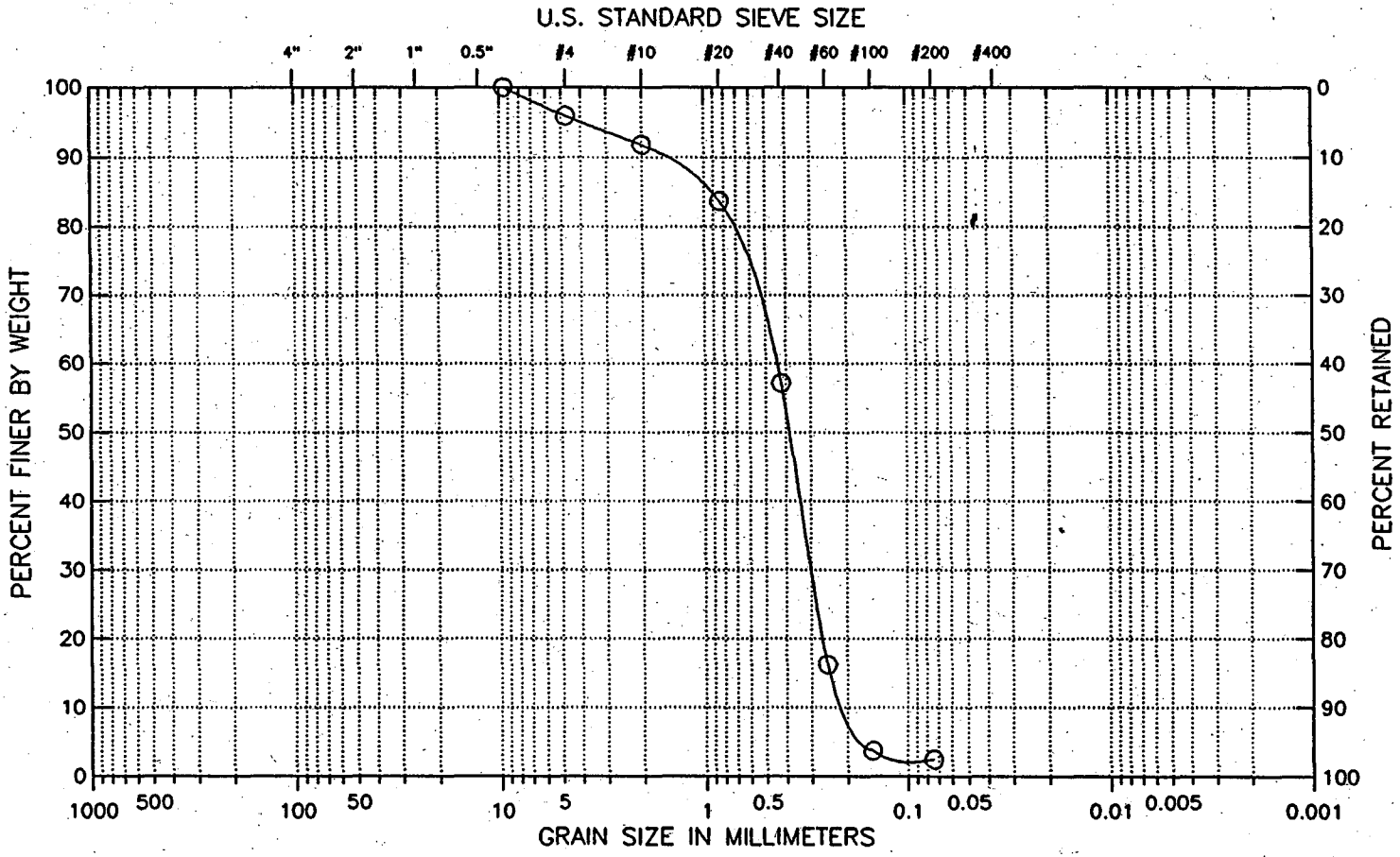
Boring No. : --- Sample No.: 041M060101 Test Method ASTM D422 Filename : 01	Project : NAS Pensacola #950941 Project No.: GTX-921 Location: Pensacola, FL Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 1.

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 011M060201
Location : Pensacola, FL
Soil Description : Moist, brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 02
Elevation :
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	9.11	9.11	86
#10	0.079	2.00	3.00	12.11	81
#20	0.033	0.84	5.73	17.84	72
#40	0.017	0.42	19.25	37.09	41
#60	0.010	0.25	20.13	57.22	9
#100	0.006	0.15	4.01	61.23	3
#200	0.003	0.07	0.16	61.39	2
Pan			1.49	62.88	0

Total Dry Weight of Sample = 65.18

D85 : 4.3288 mm
D60 : 0.6460 mm
D50 : 0.5149 mm
D30 : 0.3513 mm
D15 : 0.2755 mm
D10 : 0.2541 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

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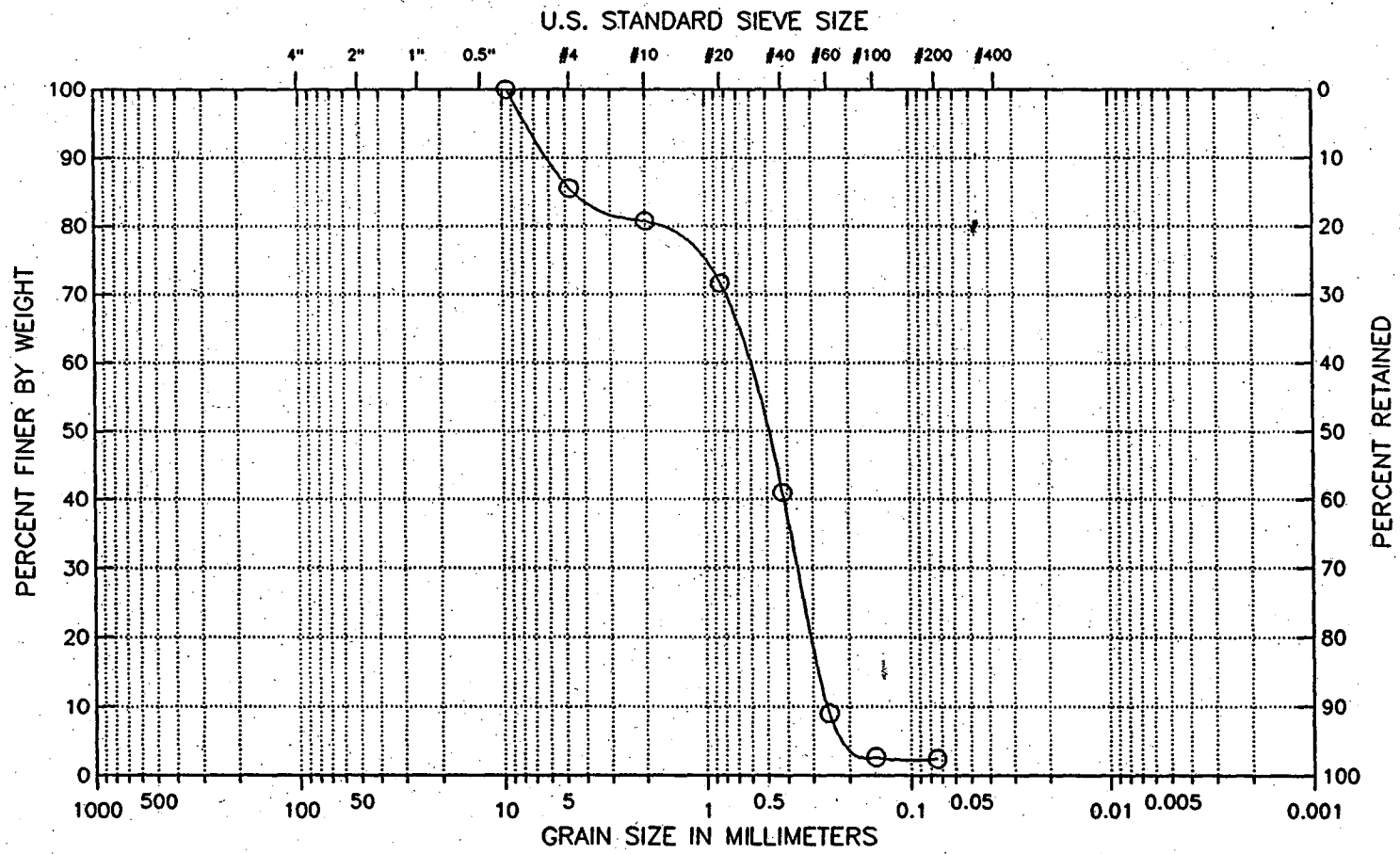
Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M060201	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 2

2618

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M060301
Location : Pensacola, FL
Soil Description : Wet, dark brown sand with organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	3.12	3.12	96
#20	0.033	0.84	2.11	5.23	93
#40	0.017	0.42	14.66	19.89	73
#60	0.010	0.25	35.56	55.45	24
#100	0.006	0.15	6.70	62.15	15
#200	0.003	0.07	8.38	70.53	3
Pan			2.45	72.98	0

Total Dry Weight of Sample = 75.42

D85 : 0.6415 mm
D60 : 0.3667 mm
D50 : 0.3297 mm
D30 : 0.2664 mm
D15 : 0.1504 mm
D10 : 0.1109 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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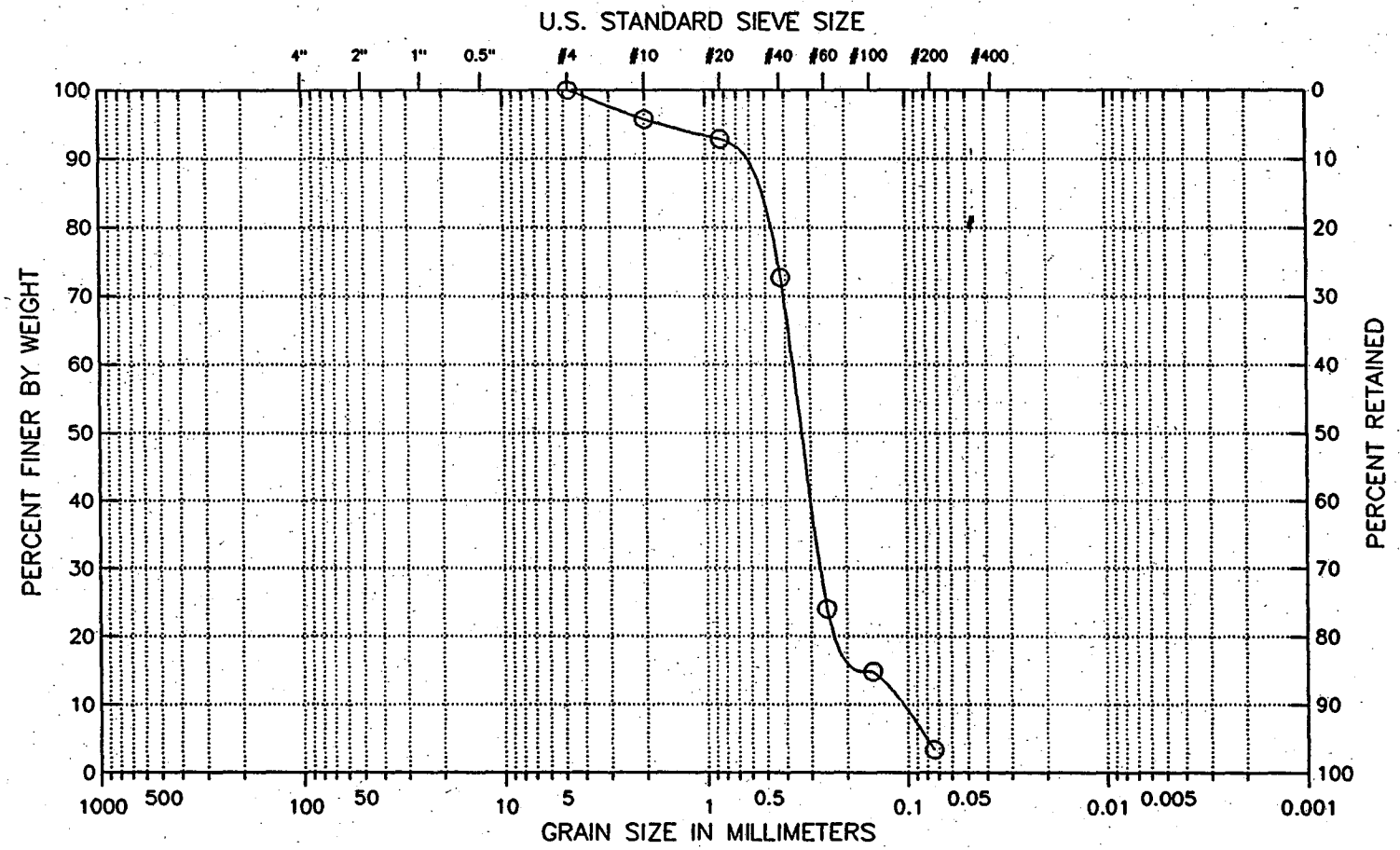
Boring No. : --- Sample No.: 041M060301 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #950941 Project No.: GTX-921 Location: Pensacola, FL Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Wet, dark brown sand with organics

Remarks :
Hydrometer not required, fines < 10%

Figure 3

2620

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M060401
Location : Pensacola, FL
Soil Description : Wet, brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : I1/22/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.62	0.62	99
#40	0.017	0.42	22.48	23.10	75
#60	0.010	0.25	60.31	83.41	11
#100	0.006	0.15	8.96	92.37	1
#200	0.003	0.07	0.23	92.60	1
Pan			0.62	93.22	0

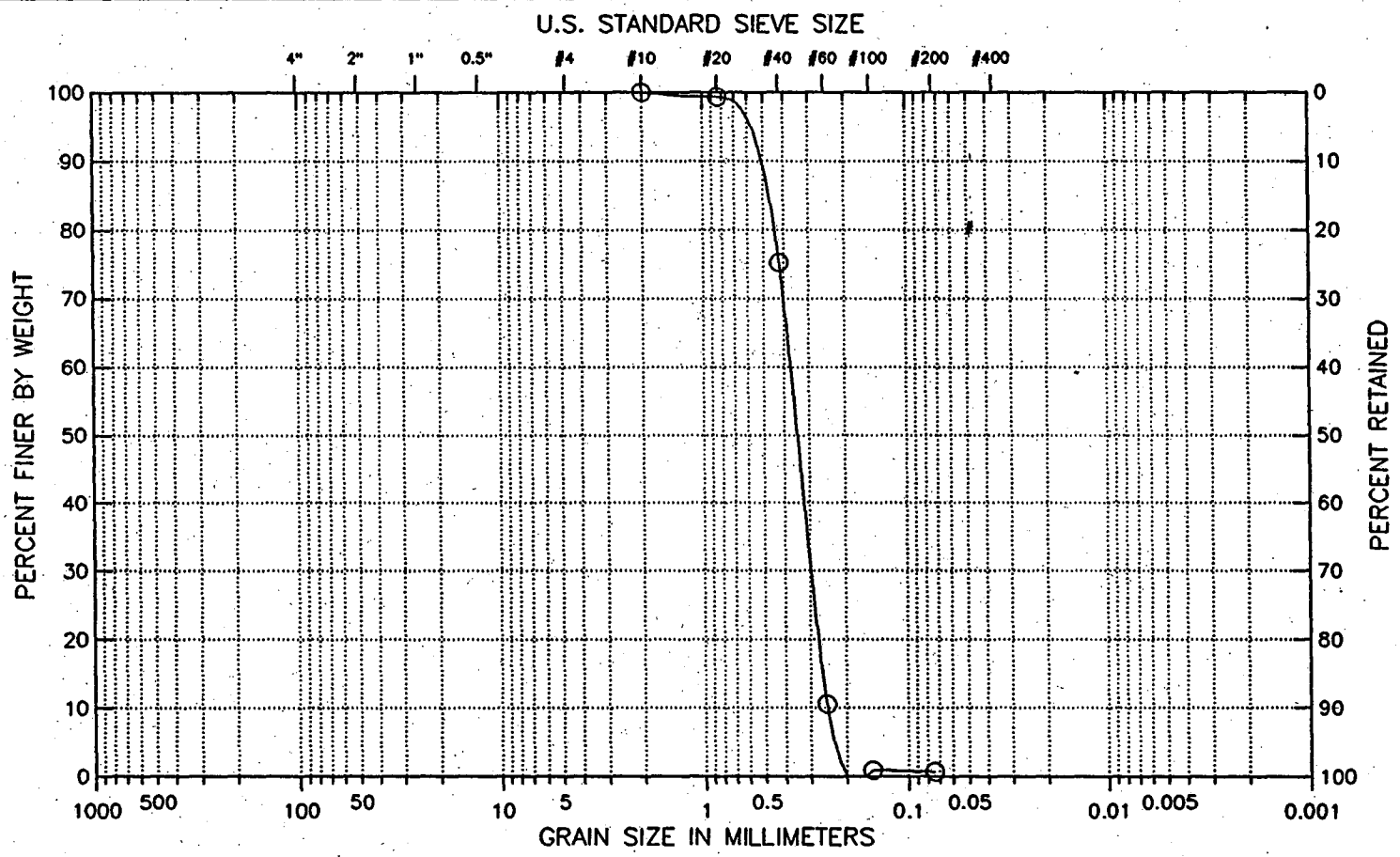
Total Dry Weight of Sample = 95.5

D85 : 0.5566 mm
D60 : 0.3717 mm
D50 : 0.3431 mm
D30 : 0.2923 mm
D15 : 0.2591 mm
D10 : 0.2431 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2623

Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M060401	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Wet, brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 4

2622

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M060501
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 14
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Saturated, dark gray fine sand with some organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.16	0.16	100
#20	0.033	0.84	2.40	2.56	95
#40	0.017	0.42	12.83	15.39	71
#60	0.010	0.25	21.17	36.56	32
#100	0.006	0.15	11.91	48.47	9
#200	0.003	0.07	3.07	51.54	4
Pan			1.89	53.43	0

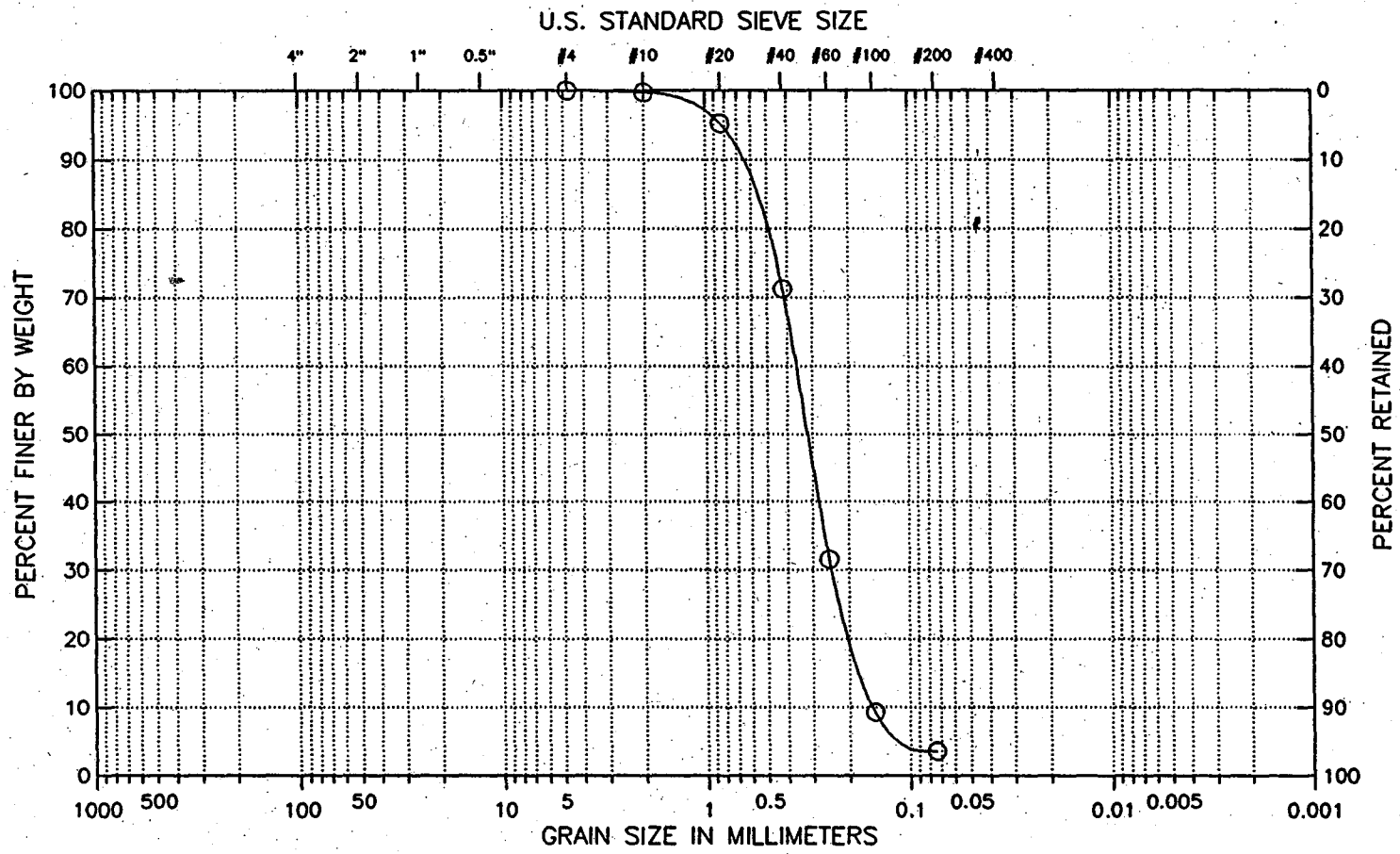
Total Dry Weight of Sample = 55.76

D85 : 0.6260 mm
D60 : 0.3627 mm
D50 : 0.3182 mm
D30 : 0.2410 mm
D15 : 0.1701 mm
D10 : 0.1515 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2453

Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M060501	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 14	Test Date 11/21/95



Classification :
(SP) Poorly graded sand

Visual Description :
Saturated, dark gray fine sand with some organics

Remarks :
Hydrometer not required, fines < 10%

Figure 14

2452

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M060601
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 15
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Saturated, black med-fine sand w/ organics, shells
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.84	0.84	99
#10	0.079	2.00	0.19	1.03	98
#20	0.033	0.84	0.96	1.99	97
#40	0.017	0.42	18.40	20.39	66
#60	0.010	0.25	29.10	49.49	18
#100	0.006	0.15	7.13	56.62	6
#200	0.003	0.07	1.11	57.73	4
Pan		-	2.54	60.27	0

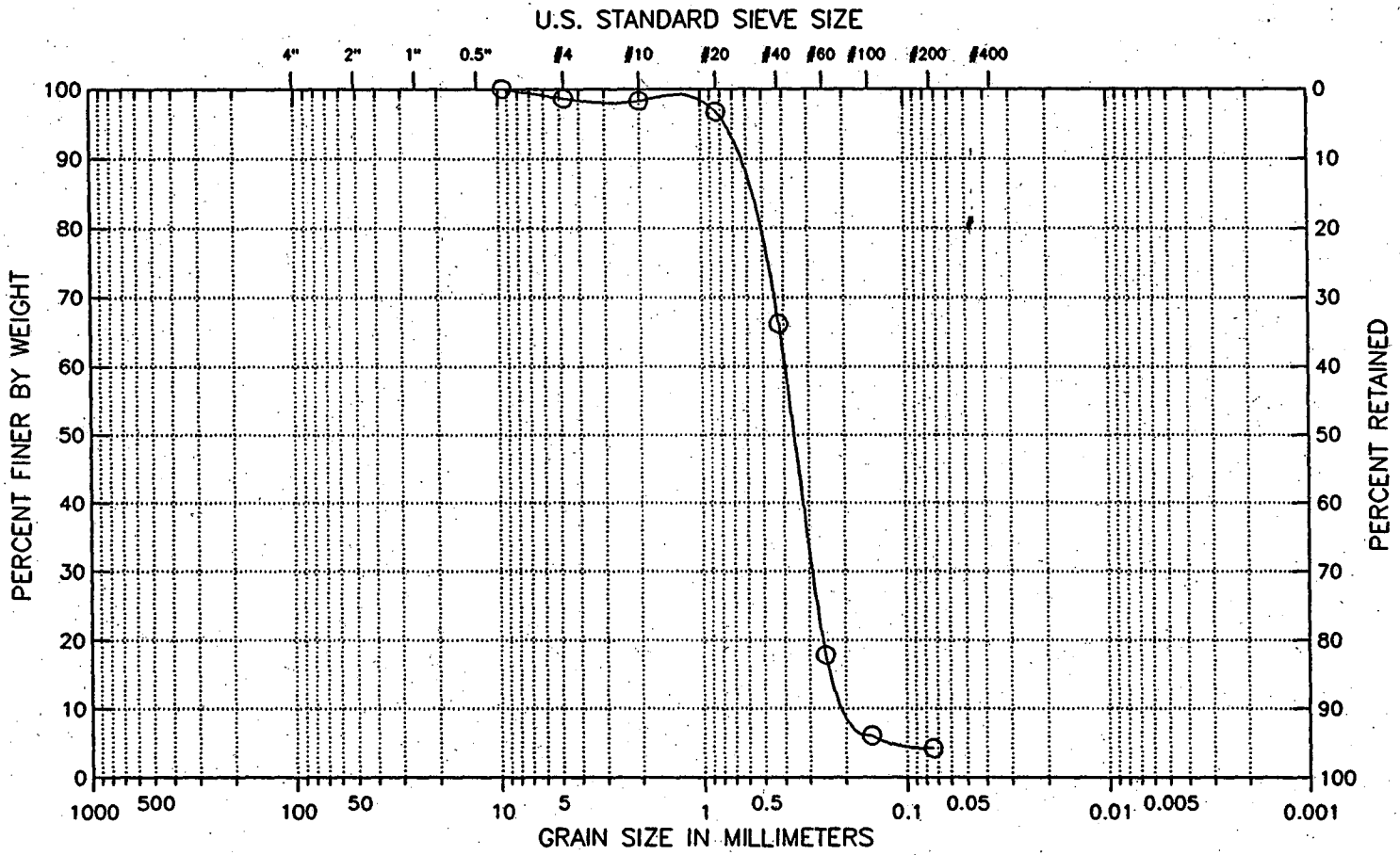
Total Dry Weight of Sample = 62.54

D85 : 0.6445 mm
D60 : 0.3931 mm
D50 : 0.3530 mm
D30 : 0.2848 mm
D15 : 0.2203 mm
D10 : 0.1771 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2455

Boring No. : ---	Project : NAS Pensacola #950950
Sample No.: 041M060601	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 15	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Saturated, black med-fine sand w/ organics, shells

Remarks :
Hydrometer not required, fines < 10%

Figure 15

2454

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950940
Project No. : GTX-920
Boring No. : ---
Sample No. : 041M060701
Location : Pensacola, FL
Soil Description : Saturated dk yellow brown sand w/ silt, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/20/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	2.09	2.09	93
#20	0.033	0.84	1.99	4.08	87
#40	0.017	0.42	5.86	9.94	68
#60	0.010	0.25	15.39	25.33	17
#100	0.006	0.15	2.86	28.19	8
#200	0.003	0.07	1.08	29.27	4
Pan			1.33	30.60	0

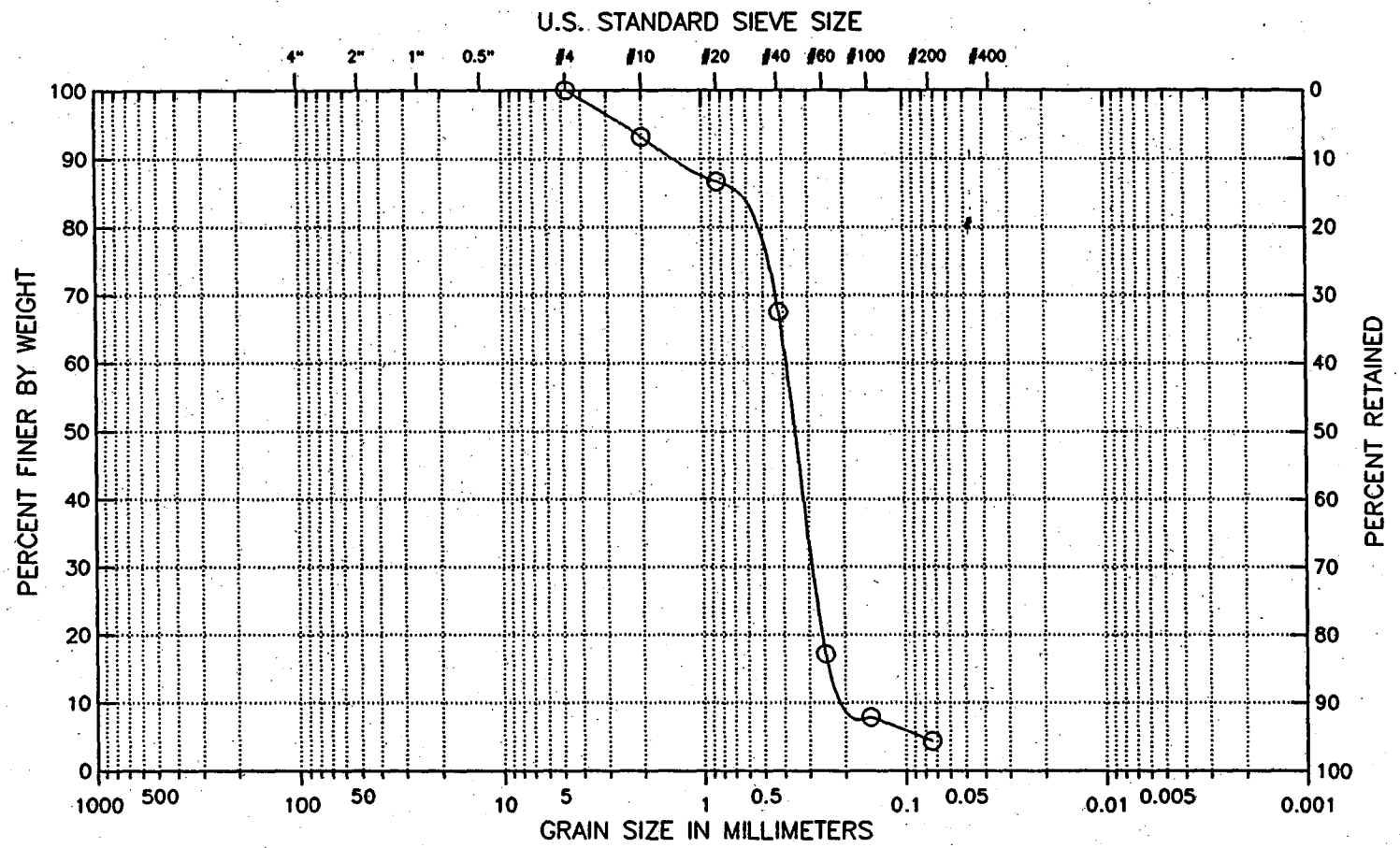
Total Dry Weight of Sample = 39.96

D85 : 0.7917 mm
D60 : 0.3887 mm
D50 : 0.3506 mm
D30 : 0.2852 mm
D15 : 0.2211 mm
D10 : 0.1676 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2131

Boring No. : ---	Project : NAS Pensacola #950940
Sample No.: 041M060701	Project No.: GTX-920
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 11/20/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Saturated dk yellow brown sand w/ silt, organics

Remarks :
Hydrometer not required, fines < 10%

Figure 1

2130

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950940
Project No. : GTX-920
Boring No. : ---
Sample No. : 041M060801
Location : Pensacola, FL

Depth : ---
Test Date : 11/20/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Moist, pale yellow, medium-fine sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.92	0.92	98
#10	0.079	2.00	0.34	1.26	98
#20	0.033	0.84	1.48	2.74	95
#40	0.017	0.42	13.40	16.14	73
#60	0.010	0.25	33.32	49.46	16
#100	0.006	0.15	8.18	57.64	2
#200	0.003	0.07	0.77	58.41	1
Pan			0.57	58.98	0

Total Dry Weight of Sample = 61.31

D85 : 0.6129 mm
D60 : 0.3740 mm
D50 : 0.3412 mm
D30 : 0.2839 mm
D15 : 0.2396 mm
D10 : 0.1988 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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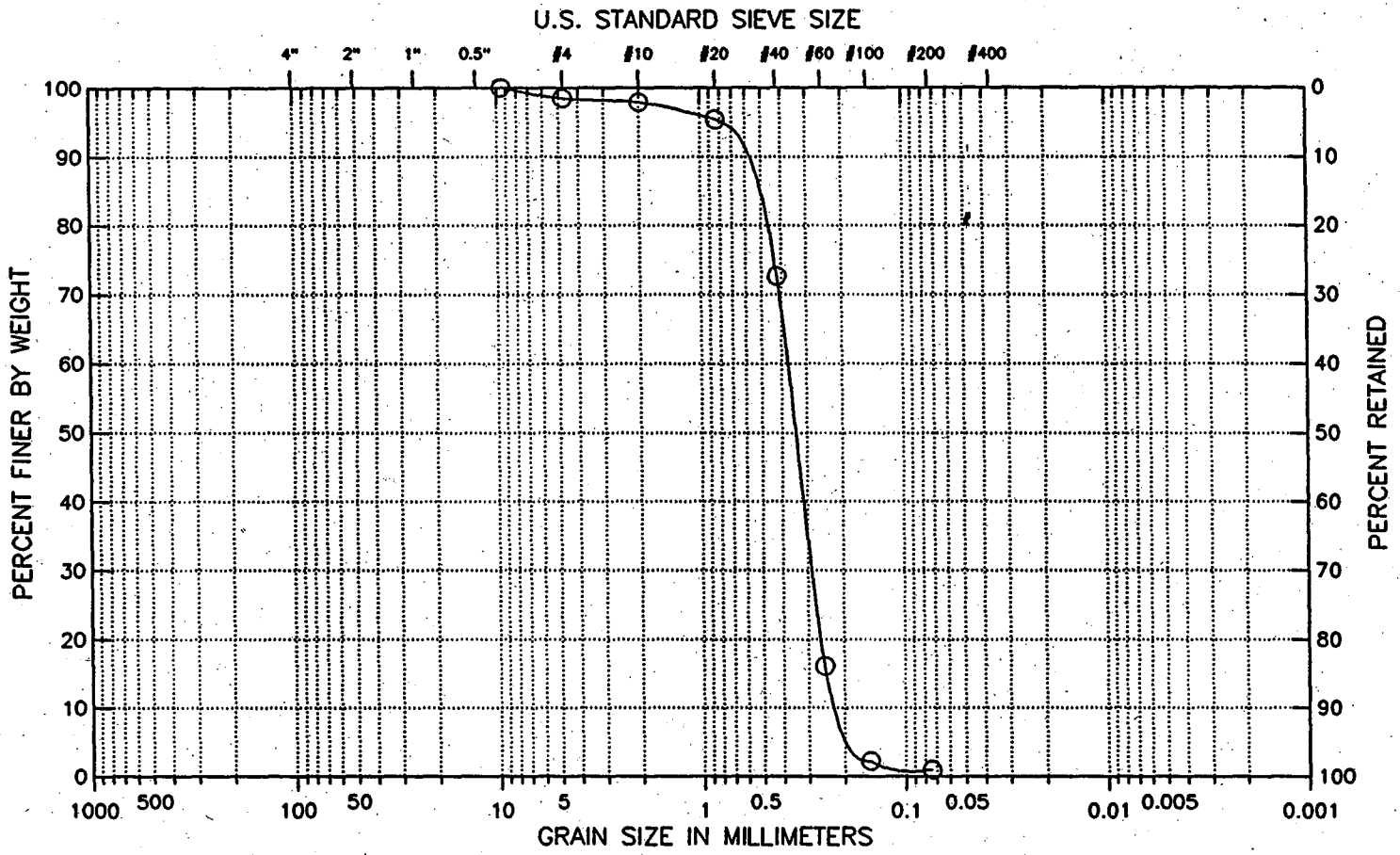
Boring No. : --- Sample No: 041M060801 Test Method ASTM D422 Filename : 02	Project : NAS Pensacola #950940 Project No.: GTX-920 Location: Pensacola, FL Test Date 11/20/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, pale yellow, medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 2

2132

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950940
Project No. : GTX-920
Boring No. : ---
Sample No. : 041M060901
Location : Pensacola, FL

Depth : ---
Test Date : 11/20/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Moist, dk gray brown medium-fine sand w/ organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.39	0.39	100
#40	0.017	0.42	23.94	24.33	72
#60	0.010	0.25	53.61	77.94	10
#100	0.006	0.15	7.46	85.40	2
#200	0.003	0.07	0.37	85.77	1
Pan			1.23	87.00	0

Total Dry Weight of Sample = 96.8

D85 : 0.5825 mm
D60 : 0.3795 mm
D50 : 0.3489 mm
D30 : 0.2948 mm
D15 : 0.2598 mm
D10 : 0.2438 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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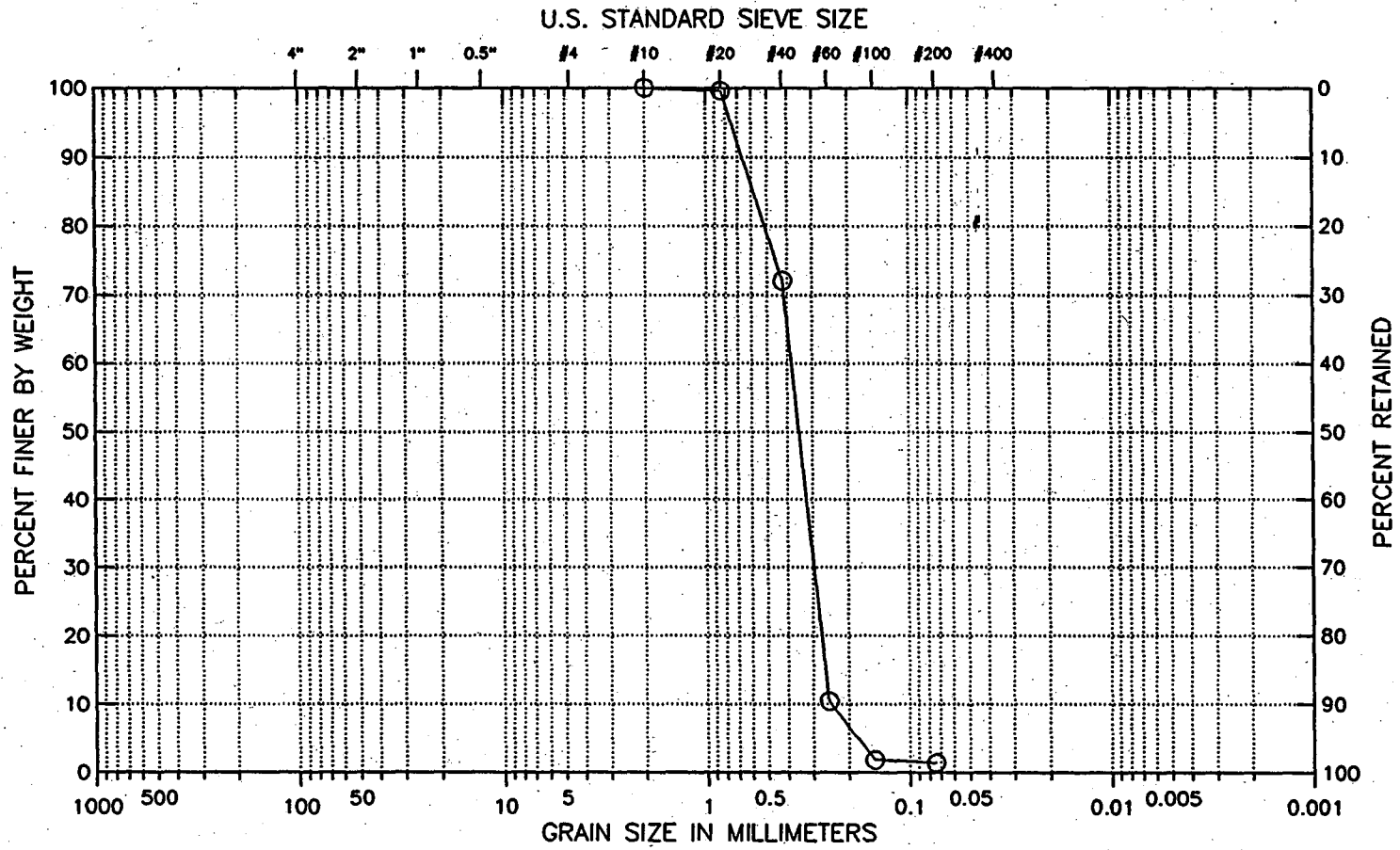
Boring No. : ---	Project : NAS Pensacola #950940
Sample No: 041M060901	Project No.: GTX-920
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 11/20/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, dk gray brown medium-fine sand w/ organics

Remarks :
Hydrometer not required, fines < 10%

Figure 3

2134

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M061001
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 16
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Light yellowish brown medium sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.10	0.10	100
#20	0.033	0.84	1.05	1.15	99
#40	0.017	0.42	17.76	18.91	76
#60	0.010	0.25	48.79	67.70	13
#100	0.006	0.15	8.15	75.85	2
#200	0.003	0.07	0.24	76.09	2
Pan			1.60	77.69	0

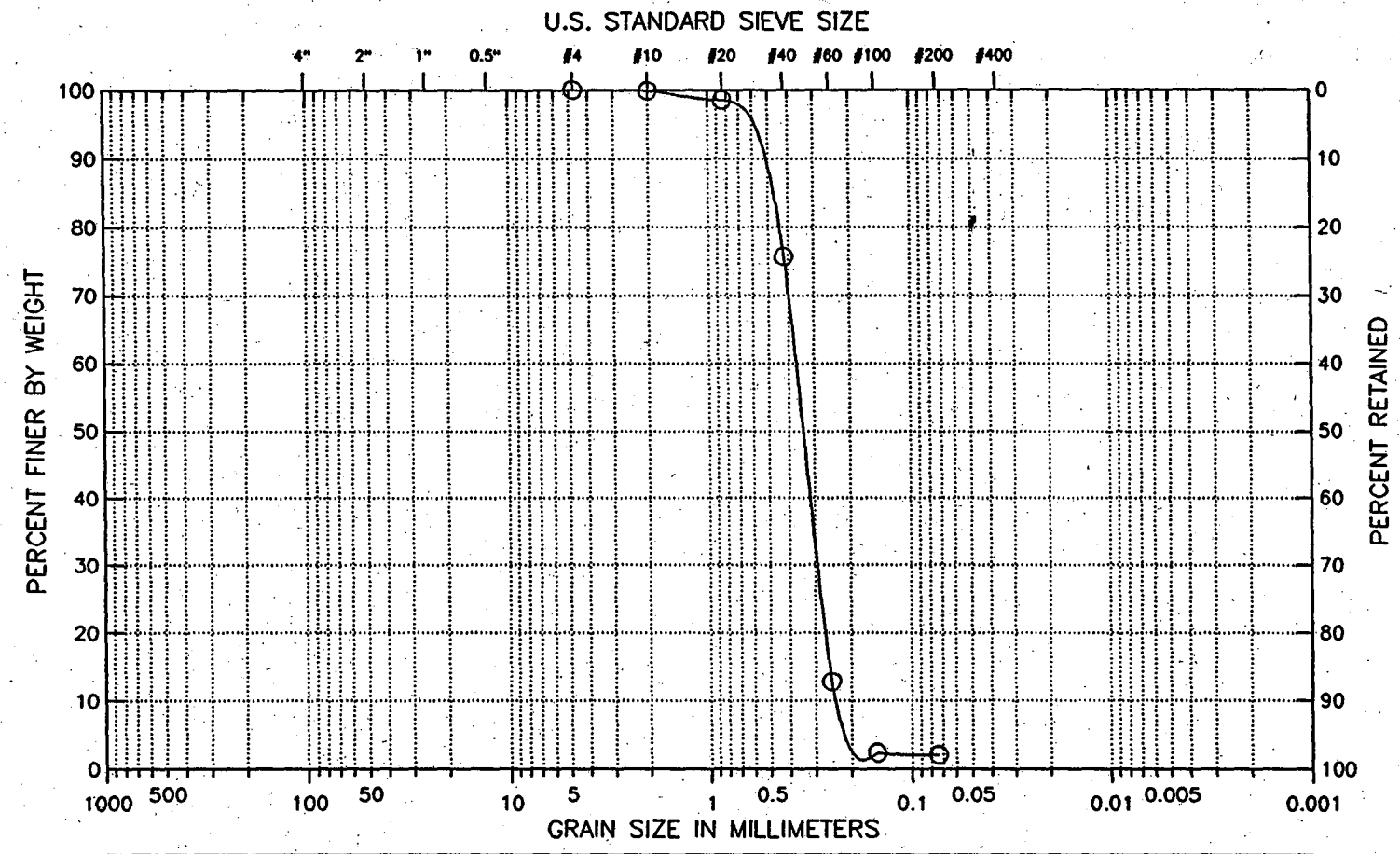
Total Dry Weight of Sample = 80.06

D85 : 0.5578 mm
D60 : 0.3690 mm
D50 : 0.3398 mm
D30 : 0.2880 mm
D15 : 0.2545 mm
D10 : 0.2171 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2457

Boring No. : --- Sample No.: 041M061001 Test Method ASTM D422 Filename : 16	Project : NAS Pensacola #950950 Project No.: GTX-922 Location: Pensacola, FL Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light yellowish brown medium sand

Remarks :
Hydrometer not required, fines < 10%

Figure 16

2456

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M061101
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 17
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Light yellowish brown medium sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.54	0.54	99
#40	0.017	0.42	25.77	26.31	71
#60	0.010	0.25	56.13	82.44	9
#100	0.006	0.15	5.91	88.35	2
#200	0.003	0.07	0.10	88.45	2
Pan			1.87	90.32	0

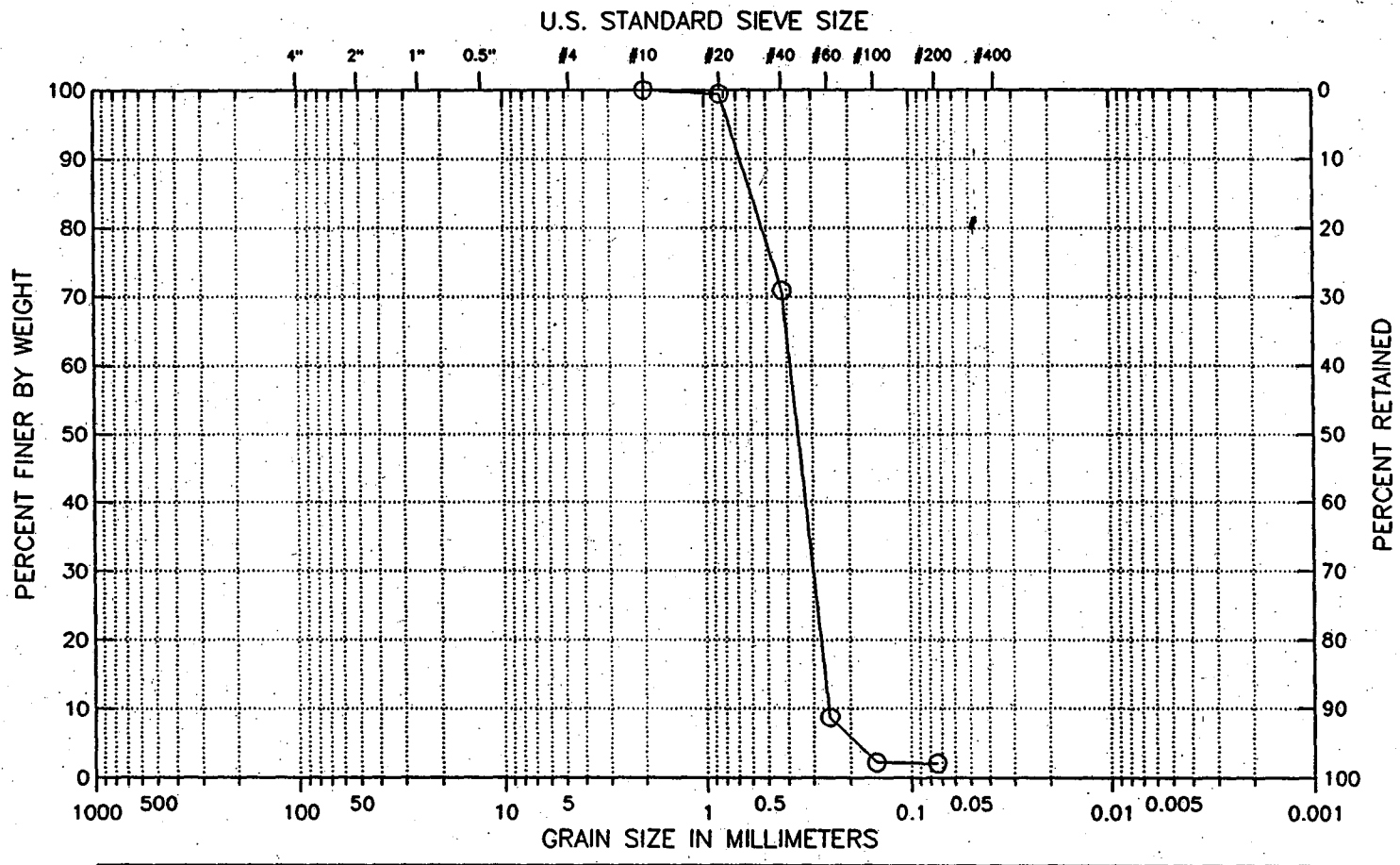
Total Dry Weight of Sample = 92.69

D85 : 0.5924 mm
D60 : 0.3836 mm
D50 : 0.3528 mm
D30 : 0.2986 mm
D15 : 0.2634 mm
D10 : 0.2527 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2459

Boring No. : --- Sample No.: 041M061101 Test Method ASTM D422 Filename : 17	Project : NAS Pensacola #950950 Project No.: GTX-922 Location: Pensacola, FL Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light yellowish brown medium sand

Remarks :
Hydrometer not required, fines < 10%

Figure 17

2158

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950983
Project No. : GTX-928
Boring No. : ---
Sample No. : 041M10A101
Location : Pensacola, FL

Depth : ---
Test Date : 12/01/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Moist, light brown medium-fine sand with silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.49	0.49	99
#20	0.033	0.84	1.20	1.69	98
#40	0.017	0.42	14.30	15.99	83
#60	0.010	0.25	46.41	62.40	35
#100	0.006	0.15	24.41	86.81	9
#200	0.003	0.07	3.50	90.31	5
Pan			5.14	95.45	0

Total Dry Weight of Sample = 104.92

D85 : 0.4555 mm
D60 : 0.3277 mm
D50 : 0.2946 mm
D30 : 0.2277 mm
D15 : 0.1681 mm
D10 : 0.1519 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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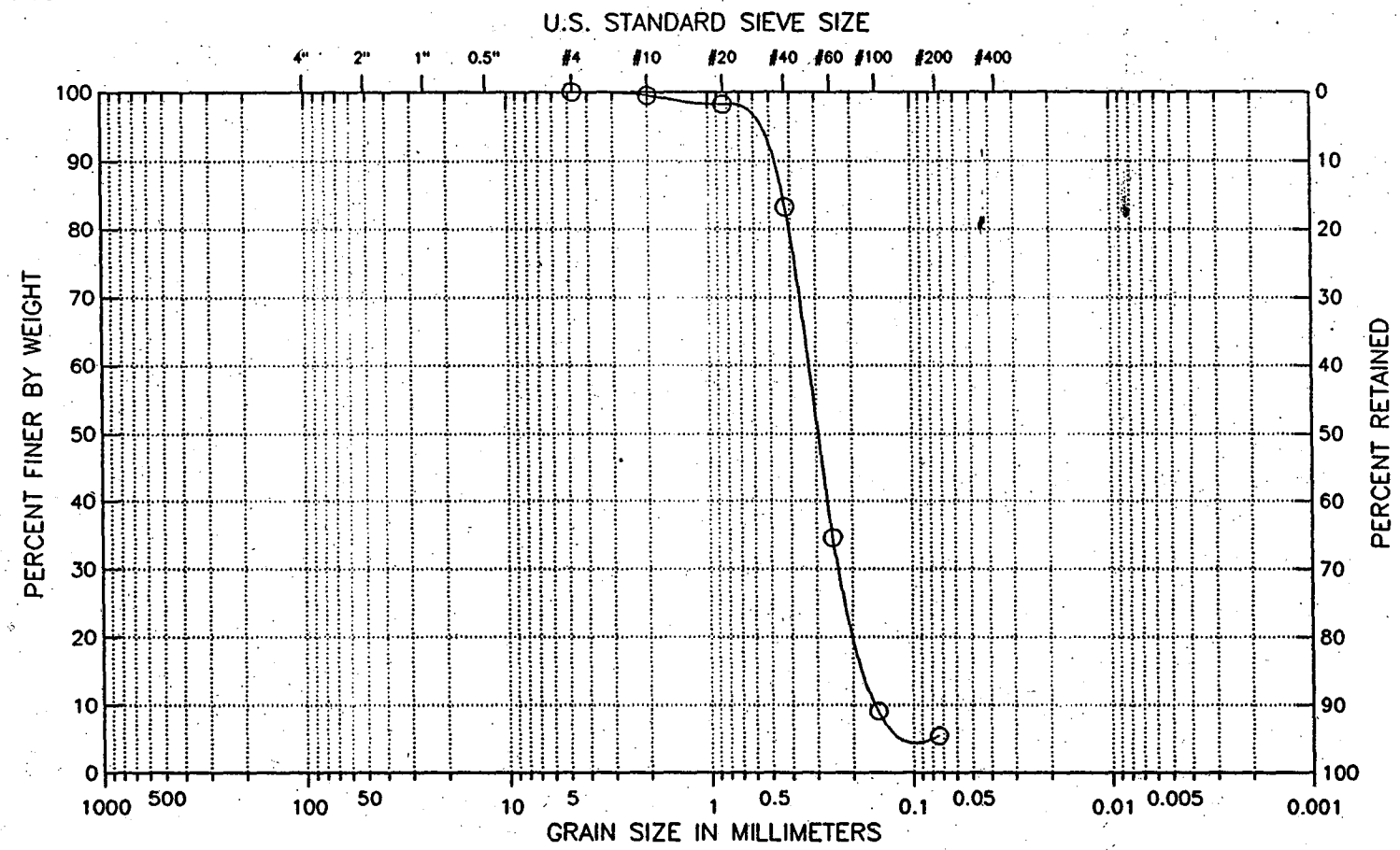
Boring No. : ---	Project : NAS Pensacola #950983
Sample No: 041M10A101	Project No.: GTX-928
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 12/01/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Visual Description :
Moist, light brown medium-fine sand with silt

Remarks :
Hydrometer not required, fines < 10%

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950983
Project No. : GTX-928
Boring No. : ---
Sample No. : 041M10A201
Location : Pensacola, FL
Soil Description : Moist, light brown medium-fine sand with silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/01/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : gph
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	1.19	1.19	99
#10	0.079	2.00	0.70	1.89	98
#20	0.033	0.84	0.86	2.75	97
#40	0.017	0.42	17.00	19.75	82
#60	0.010	0.25	52.60	72.35	33
#100	0.006	0.15	27.05	99.40	8
#200	0.003	0.07	3.97	103.37	5
Pan		-	5.02	108.39	0

Total Dry Weight of Sample = 117.73

D85 : 0.4844 mm
D60 : 0.3328 mm
D50 : 0.2990 mm
D30 : 0.2337 mm
D15 : 0.1712 mm
D10 : 0.1544 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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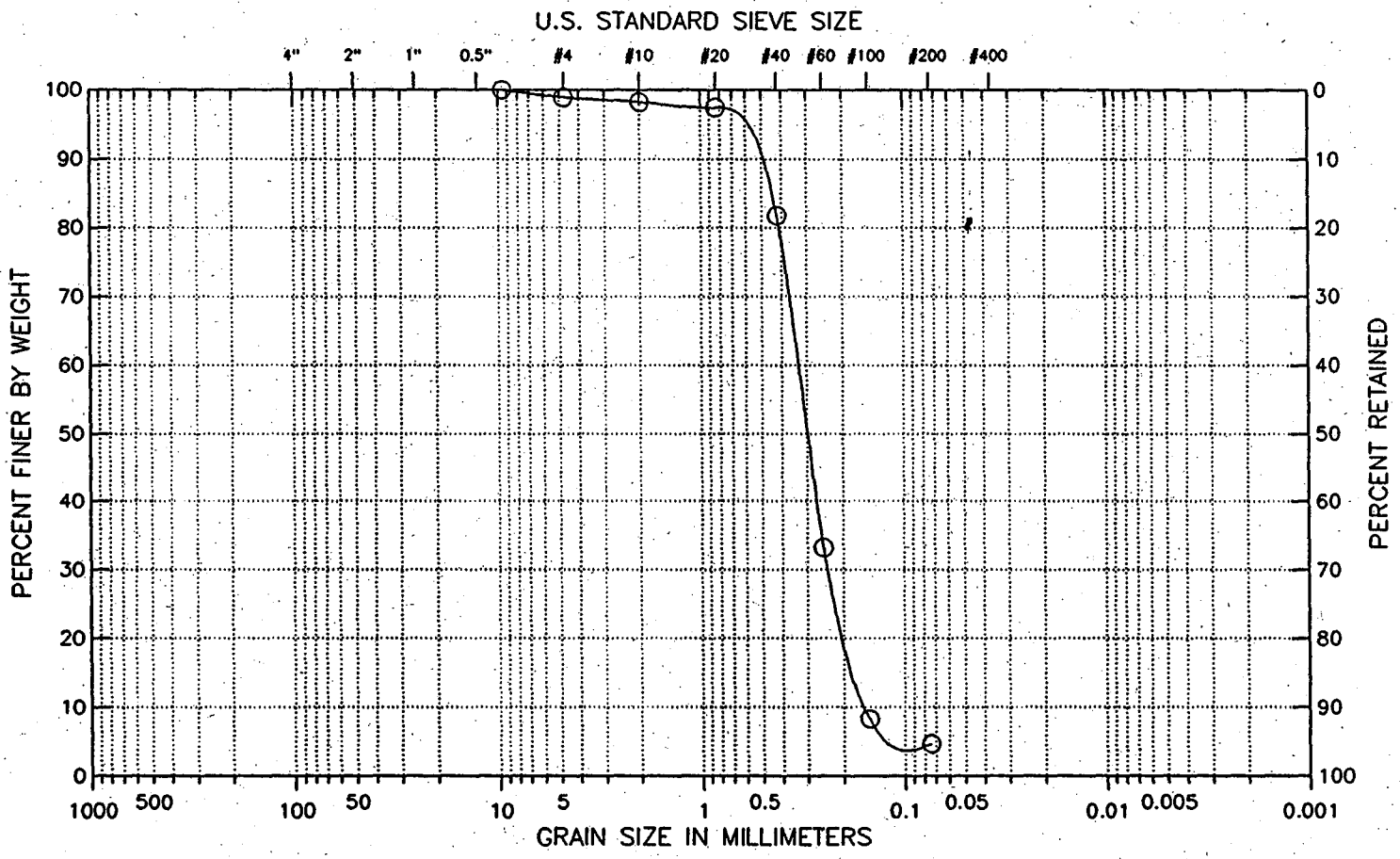
Boring No. : ---	Project : NAS Pensacola #950983
Sample No: 041M10A201	Project No.: GTX-928
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 12/01/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, light brown medium-fine sand with silt

Remarks :
Hydrometer not required, fines < 10%

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950979
Project No. : GTX-927
Boring No. : ---
Sample No. : 041M10A301
Location : Pensacola, FL
Soil Description : Moist, brown medium-fine sand with silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/27/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.44	0.44	99
#20	0.033	0.84	2.09	2.53	97
#40	0.017	0.42	20.86	23.39	73
#60	0.010	0.25	41.68	65.07	26
#100	0.006	0.15	14.12	79.19	10
#200	0.003	0.07	4.40	83.59	5
Pan			3.94	87.53	0

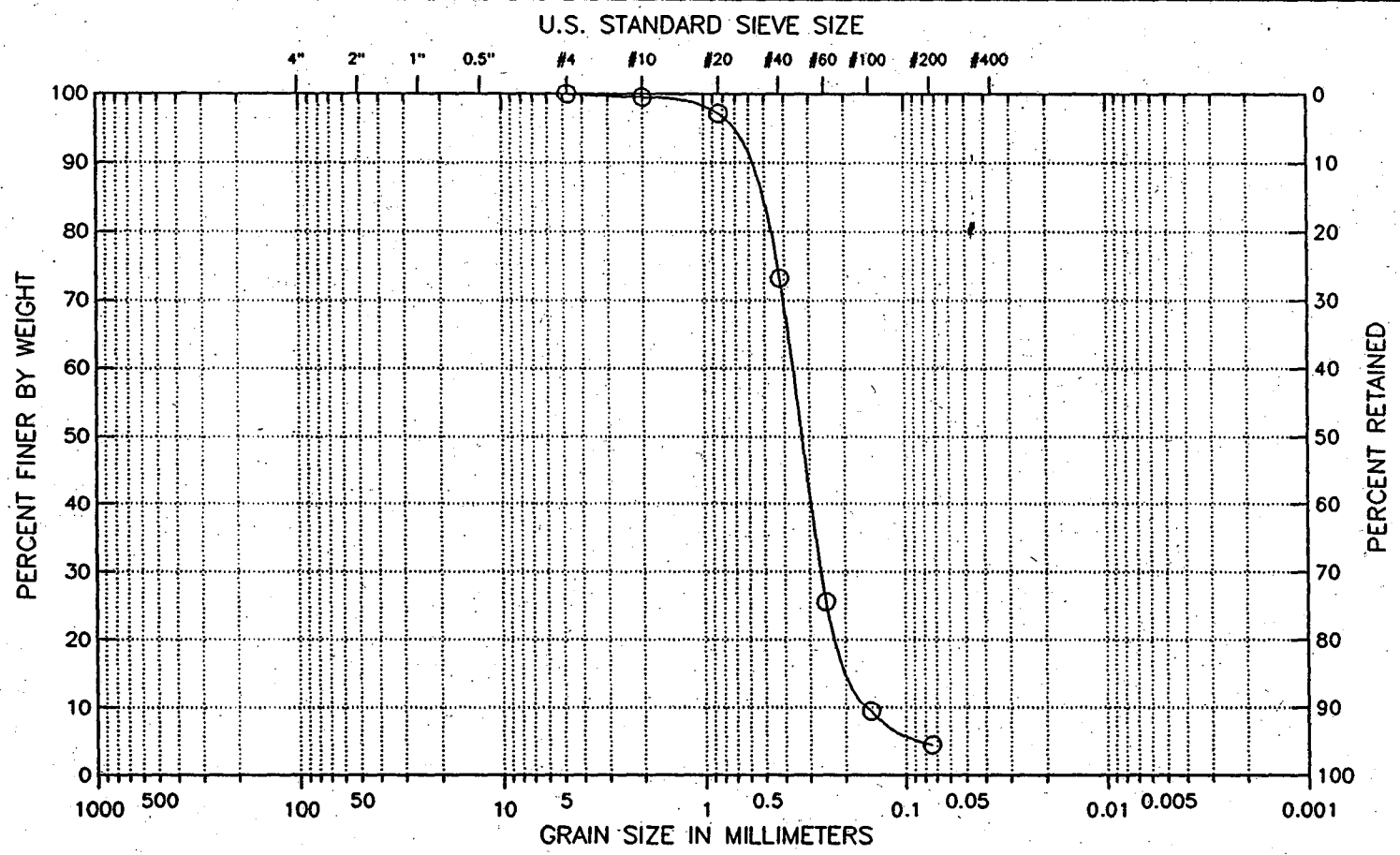
Total Dry Weight of Sample = 89.87

D85 : 0.5910 mm
D60 : 0.3634 mm
D50 : 0.3259 mm
D30 : 0.2621 mm
D15 : 0.1776 mm
D10 : 0.1513 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2003

Boring No. : --- Sample No: 041M10A301 Test Method ASTM D422 Filename : 01	Project : NAS Pensacola #950979 Project No.: GTX-927 Location: Pensacola, FL Test Date 11/27/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, brown medium-fine sand with silt

Remarks :
Hydrometer not required, fines < 10%

Figure 1

2002

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950998
Project No. : GTX-935
Boring No. : ---
Sample No. : 041M10A401
Location : Pensacola, FL

Depth : ---
Test Date : 12/07/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

Soil Description : Brown, medium-fine sand, with trace of silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

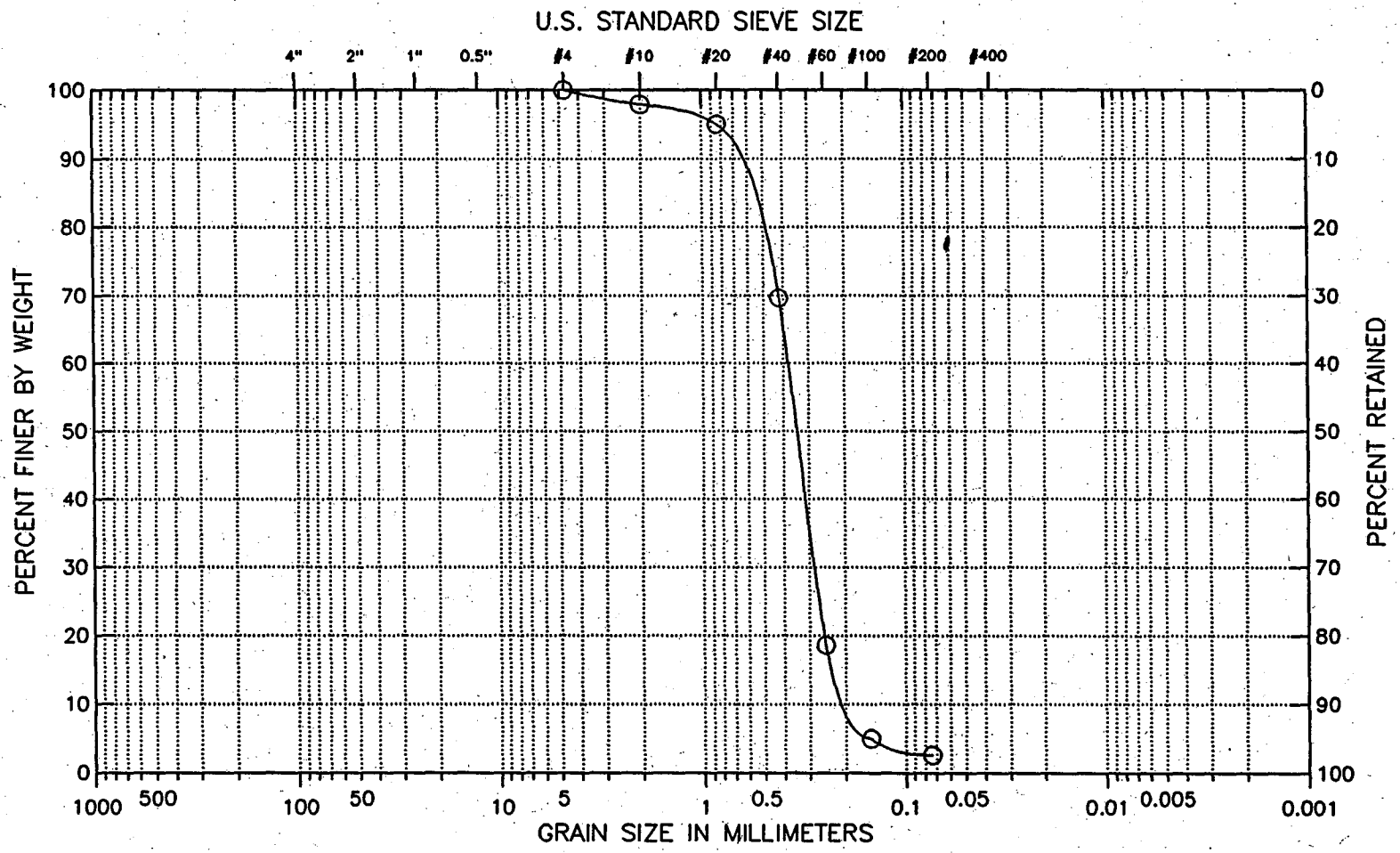
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.13	1.13	98
#20	0.033	0.84	1.62	2.75	95
#40	0.017	0.42	13.94	16.69	70
#60	0.010	0.25	28.08	44.77	19
#100	0.006	0.15	7.50	52.27	5
#200	0.003	0.07	1.30	53.57	3
Pan			1.42	54.99	0

Total Dry Weight of Sample = 57.37

D85 : 0.6395 mm
D60 : 0.3808 mm
D50 : 0.3440 mm
D30 : 0.2807 mm
D15 : 0.2182 mm
D10 : 0.1805 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---	Project : NAS Pensacola #950998
Sample No.: 041M10A401	Project No.: GTX-935
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 12/07/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown, medium-fine sand, with trace of silt

Remarks :
Hydrometer not required, fines < 10%

Figure 4

2218

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950998
Project No. : GTX-935
Boring No. : ---
Sample No. : 041M10A501
Location : Pensacola, FL
Soil Description : Brown, medium-fine sand, with trace of silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/07/95
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

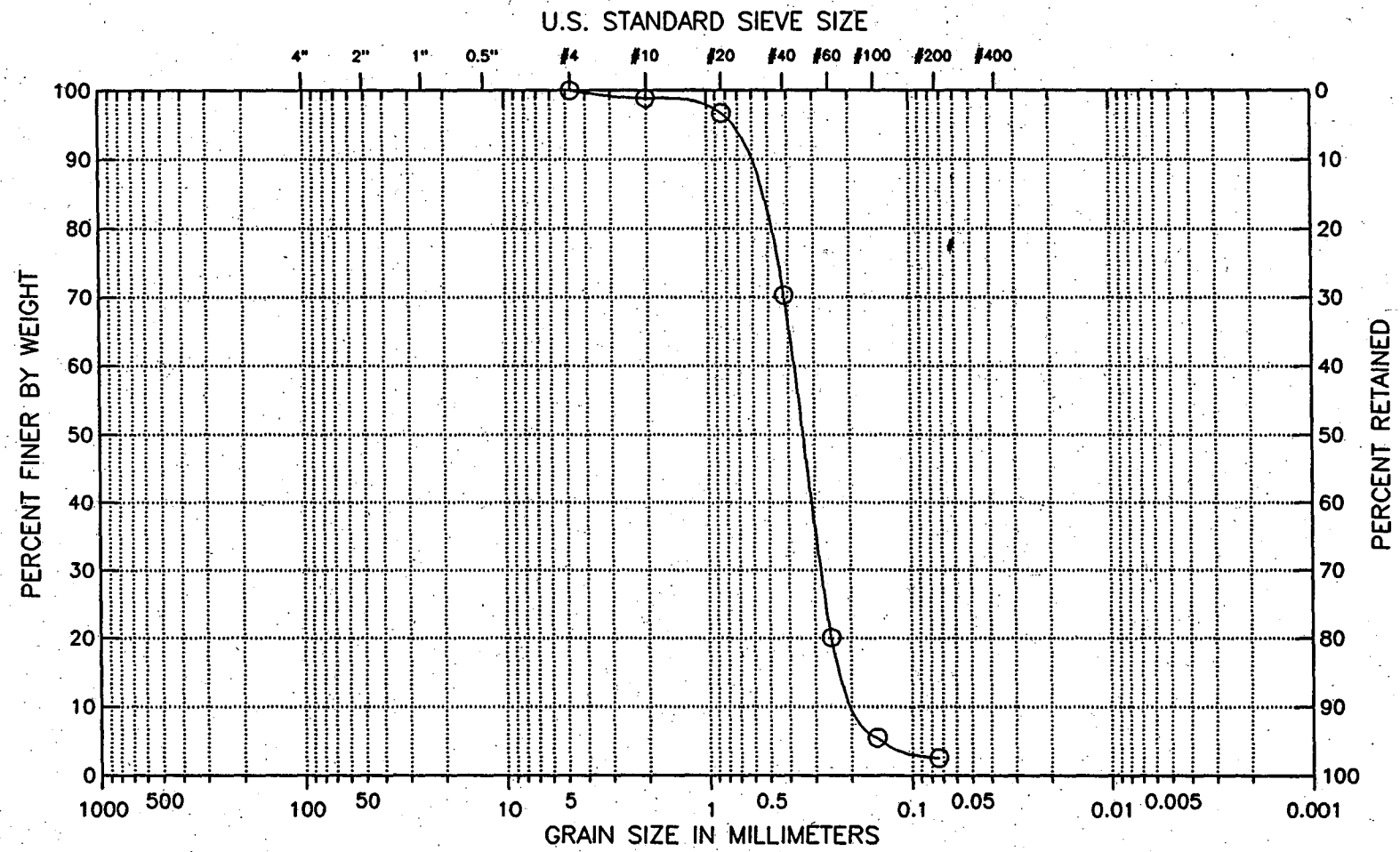
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.75	0.75	99
#20	0.033	0.84	1.48	2.23	97
#40	0.017	0.42	17.91	20.14	70
#60	0.010	0.25	34.13	54.27	20
#100	0.006	0.15	9.87	64.14	6
#200	0.003	0.07	2.00	66.14	3
Pan			1.74	67.88	0

Total Dry Weight of Sample = 70.19

D85 : 0.6179 mm
D60 : 0.3775 mm
D50 : 0.3405 mm
D30 : 0.2770 mm
D15 : 0.2089 mm
D10 : 0.1748 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---	Project : NAS Pensacola #950998
Sample No.: 041M10A501	Project No.: GTX-935
Test Method ASTM D422	Location: Pensacola, FL
Filename : 05	Test Date 12/07/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown, medium-fine sand, with trace of silt

Remarks :
Hydrometer not required, fines < 10%

Figure 5

2220

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950998
Project No. : GTX-935
Boring No. : ---
Sample No. : 041M10A601
Location : Pensacola, FL
Soil Description : Light brown medium sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/07/95
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.09	0.09	100
#20	0.033	0.84	0.58	0.67	99
#40	0.017	0.42	28.69	29.36	65
#60	0.010	0.25	45.09	74.45	12
#100	0.006	0.15	9.44	83.89	1
#200	0.003	0.07	0.24	84.13	1
Pan			0.75	84.88	0

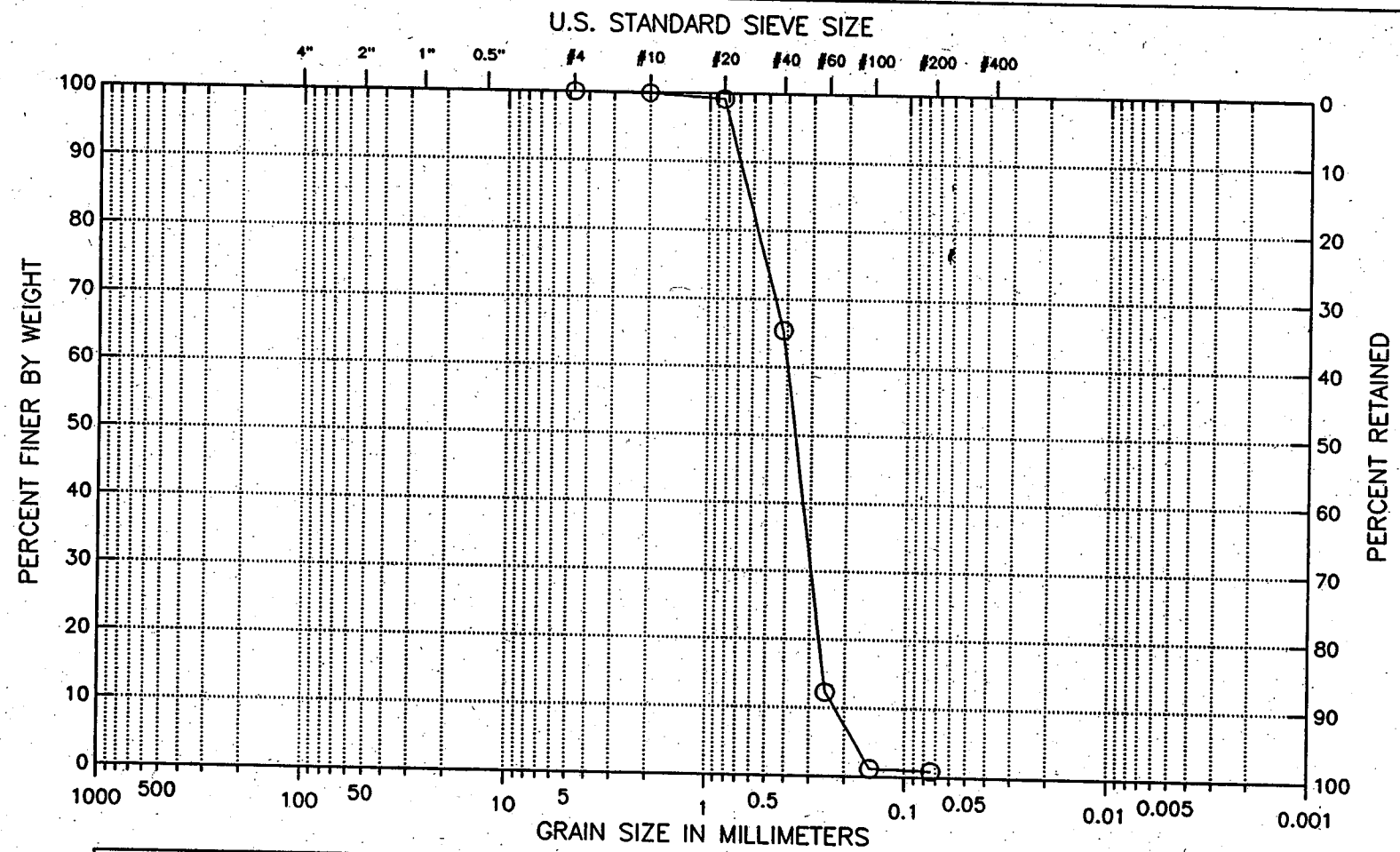
Total Dry Weight of Sample = 87.16

D85 : 0.6281 mm
D60 : 0.3984 mm
D50 : 0.3613 mm
D30 : 0.2972 mm
D15 : 0.2567 mm
D10 : 0.2248 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---
Sample No: 041M10A601
Test Method ASTM D422
Filename : 06

Project : NAS Pensacola #950998
Project No.: GTX-935
Location: Pensacola, FL
Test Date 12/07/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light brown medium sand

Remarks :
Hydrometer not required, fines < 10%

Figure 6

2222

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950983
Project No. : GTX-928
Boring No. : ---
Sample No. : 041M120101
Location : Pensacola, FL
Soil Description : Moist, dark brown medium-fine sand, trace silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/01/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : gph
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.48	0.48	99
#20	0.033	0.84	2.18	2.66	97
#40	0.017	0.42	21.97	24.63	74
#60	0.010	0.25	51.91	76.54	18
#100	0.006	0.15	13.97	90.51	3
#200	0.003	0.07	0.74	91.25	2
Pan			2.11	93.36	0

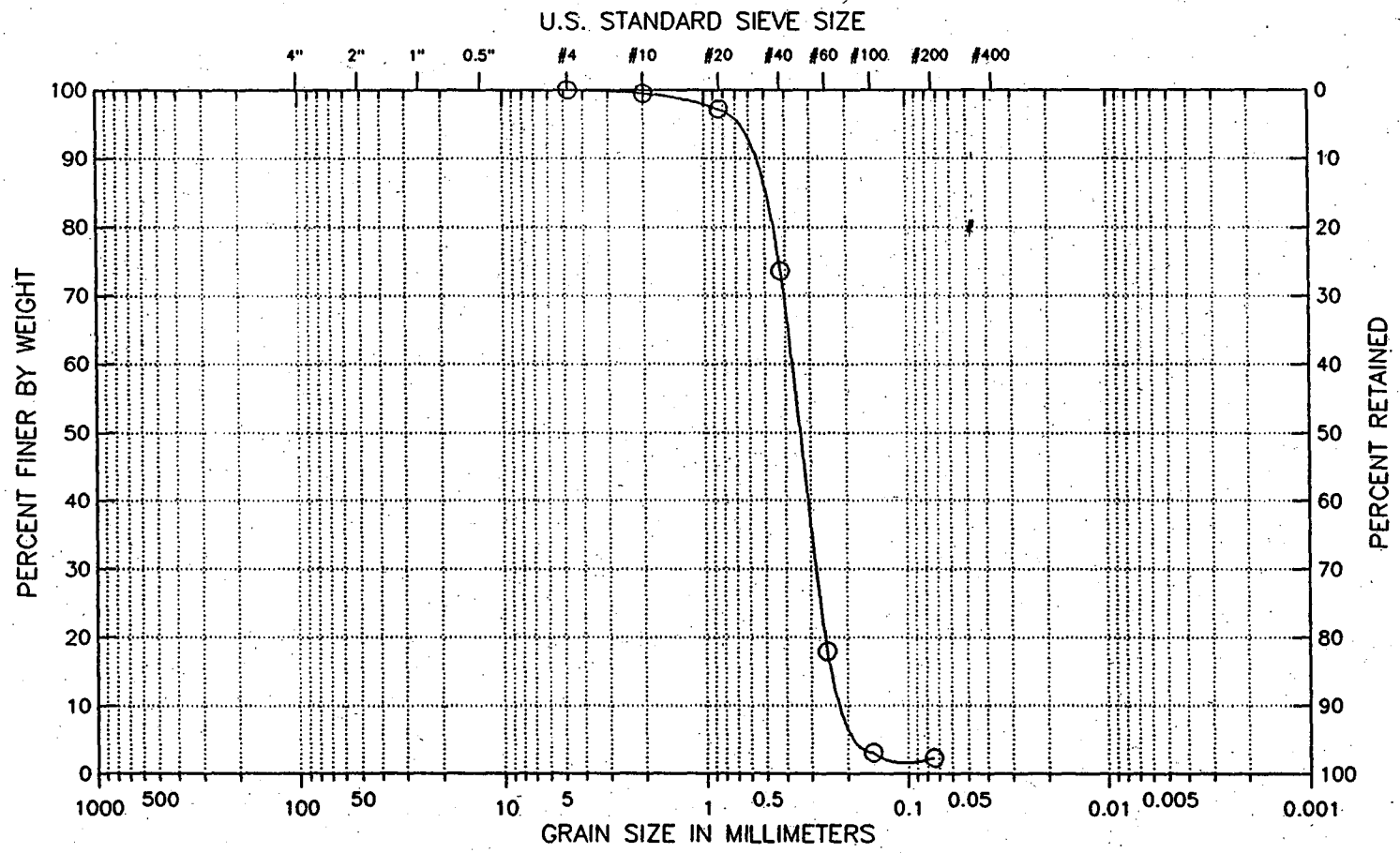
Total Dry Weight of Sample = 102.14

D85 : 0.5876 mm
D60 : 0.3699 mm
D50 : 0.3369 mm
D30 : 0.2796 mm
D15 : 0.2252 mm
D10 : 0.1895 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1739

Boring No. : ---	Project : NAS Pensacola #950983
Sample No: 041M120101	Project No.: GTX-928
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 12/01/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand

Visual Description :
Moist, dark brown medium-fine sand, trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 2

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GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950991
Project No. : GTX-929
Boring No. : ---
Sample No. : 041M120201
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics, oil odor
Remarks : ---

Depth : ---
Test Date : 12/04/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 73.68 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.50	19.90	5.79	0.052	8	0.052
2.00	10.00	19.90	4.29	0.037	6	0.037
4.00	9.50	19.90	3.79	0.026	5	0.026
8.00	9.30	19.90	3.59	0.019	5	0.019
15.00	9.20	19.90	3.49	0.014	5	0.014
30.00	9.10	20.10	3.46	0.010	5	0.010
60.00	8.90	20.60	3.44	0.007	5	0.007
120.00	8.80	21.50	3.65	0.005	5	0.005
240.00	8.90	21.10	3.61	0.003	5	0.003
1071.00	8.90	19.00	2.88	0.002	4	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.59	0.59	99
#40	0.017	0.42	16.04	16.63	77
#60	0.010	0.25	39.63	56.26	24
#100	0.006	0.15	8.86	65.12	12
#200	0.003	0.07	0.22	65.34	11
Pan			8.34	73.68	0

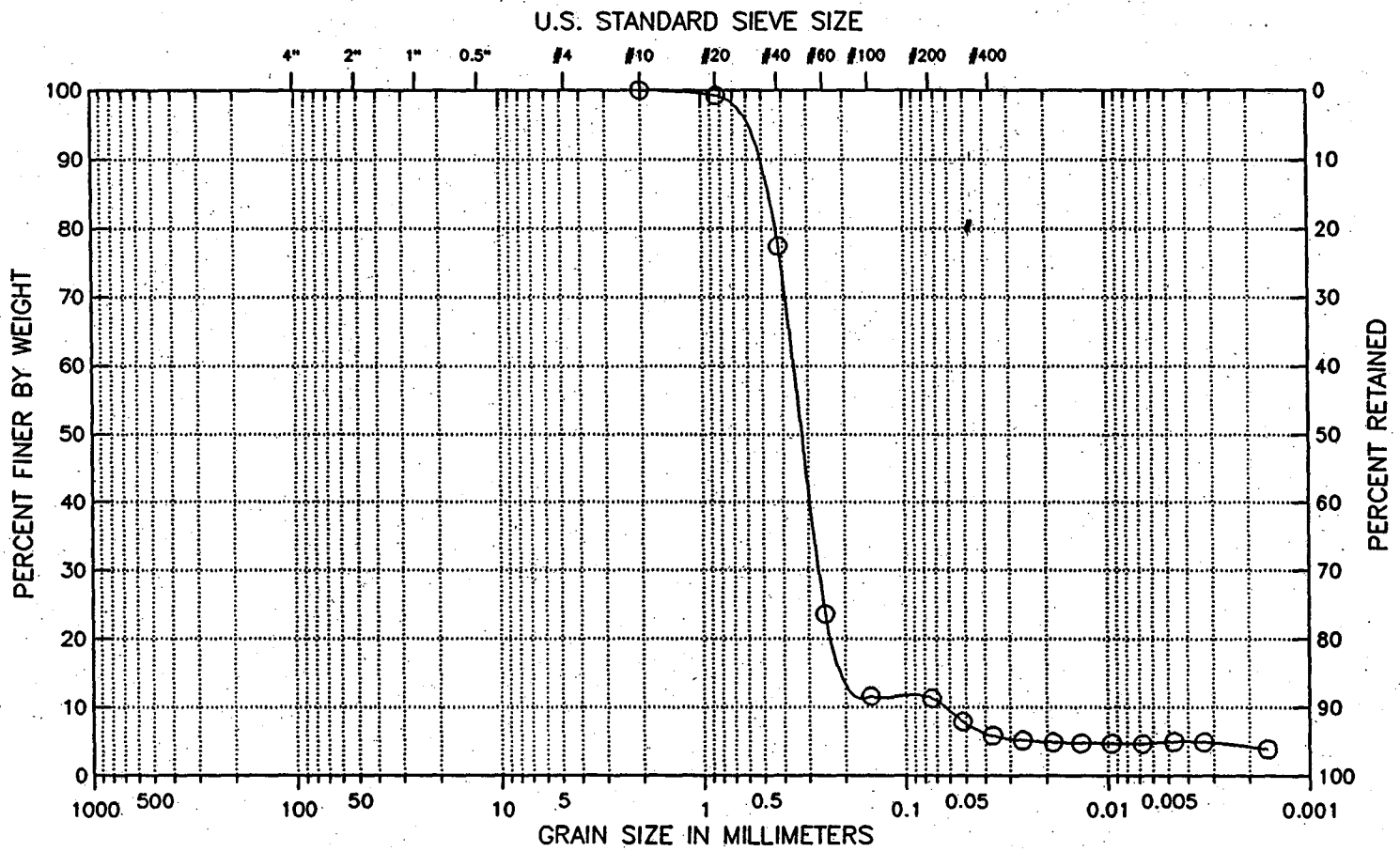
Total Dry Weight of Sample = 83.01

D85 : 0.5347 mm
D60 : 0.3550 mm
D50 : 0.3224 mm
D30 : 0.2658 mm
D15 : 0.1723 mm
D10 : 0.0646 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

2033

Boring No. : --- Sample No: 041M120201 Test Method ASTM D422 Filename : 01	Project : NAS Pensacola #950991 Project No.: GTX-929 Location: Pensacola, FL Test Date 12/04/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics, oil odor

Figure 1

2032

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950979
Project No. : GTX-927
Boring No. : ---
Sample No. : 041M130101
Location : Pensacola, FL
Soil Description : Dark brown silty sand
Remarks : ---

Depth : ---
Test Date : 11/27/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hyl
Weight of air-dried soil = 89.35 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	14.50	19.40	8.62	0.051	10	0.051
2.00	13.60	19.40	7.72	0.036	9	0.036
4.00	13.00	19.40	7.12	0.026	8	0.026
8.00	12.80	19.40	6.92	0.018	8	0.018
15.00	12.50	19.40	6.62	0.013	7	0.013
30.00	11.50	19.50	5.65	0.010	6	0.010
65.00	10.40	18.50	4.20	0.007	5	0.007
120.00	10.00	18.60	3.84	0.005	4	0.005
240.00	9.70	18.90	3.64	0.003	4	0.003
1015.00	8.90	19.30	2.98	0.002	3	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.17	0.17	100
#20	0.033	0.84	0.57	0.74	99
#40	0.017	0.42	20.01	20.75	77
#60	0.010	0.25	45.26	66.01	26
#100	0.006	0.15	12.29	78.30	12
#200	0.003	0.07	0.35	78.65	12
Pan			10.70	89.35	0

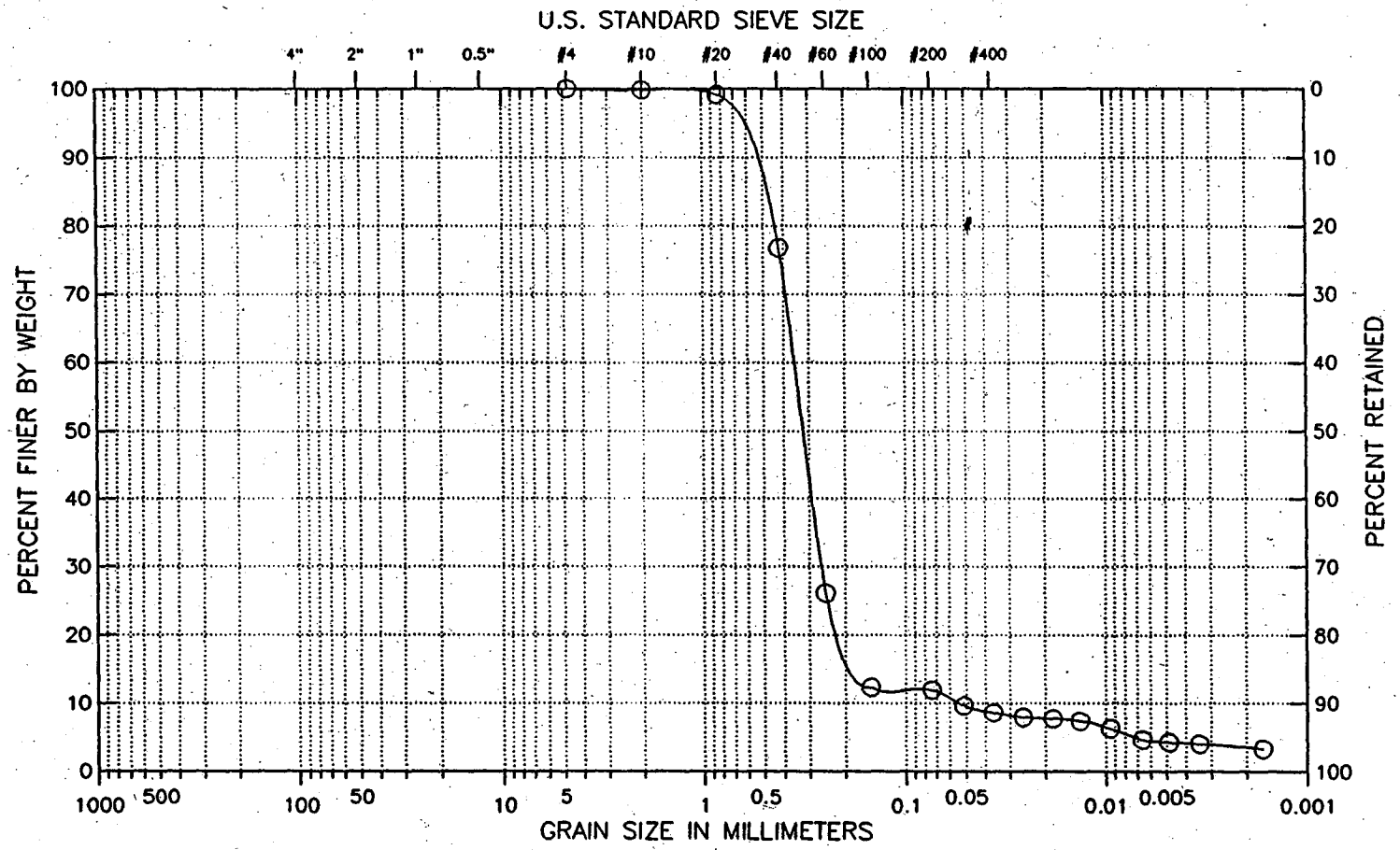
Total Dry Weight of Sample = 98.71

D85 : 0.5420 mm
D60 : 0.3537 mm
D50 : 0.3193 mm
D30 : 0.2601 mm
D15 : 0.1645 mm
D10 : 0.0543 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

2005

Boring No. : --- Sample No: 041M130101 Test Method ASTM D422 Filename : 02	Project : NAS Pensacola #950979 Project No.: GTX-927 Location: Pensacola, FL Test Date 11/27/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silty sand

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951021
Project No. : GTX-938
Boring No. : ---
Sample No. : 041M150101
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/12/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 12.01 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.50	19.40	5.85	0.052	49	0.052
2.00	9.20	19.40	4.55	0.037	38	0.037
4.00	8.50	19.40	3.85	0.027	32	0.027
8.00	8.30	19.40	3.65	0.019	30	0.019
15.00	8.00	19.40	3.35	0.014	28	0.014
30.00	7.20	19.60	2.60	0.010	22	0.010
60.00	6.70	20.00	2.21	0.007	18	0.007
120.00	6.00	20.40	1.62	0.005	13	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.50	0.50	96
#40	0.017	0.42	1.05	1.55	87
#60	0.010	0.25	0.68	2.23	81
#100	0.006	0.15	0.36	2.59	78
#200	0.003	0.07	0.12	2.71	77
Pan			9.30	12.01	0

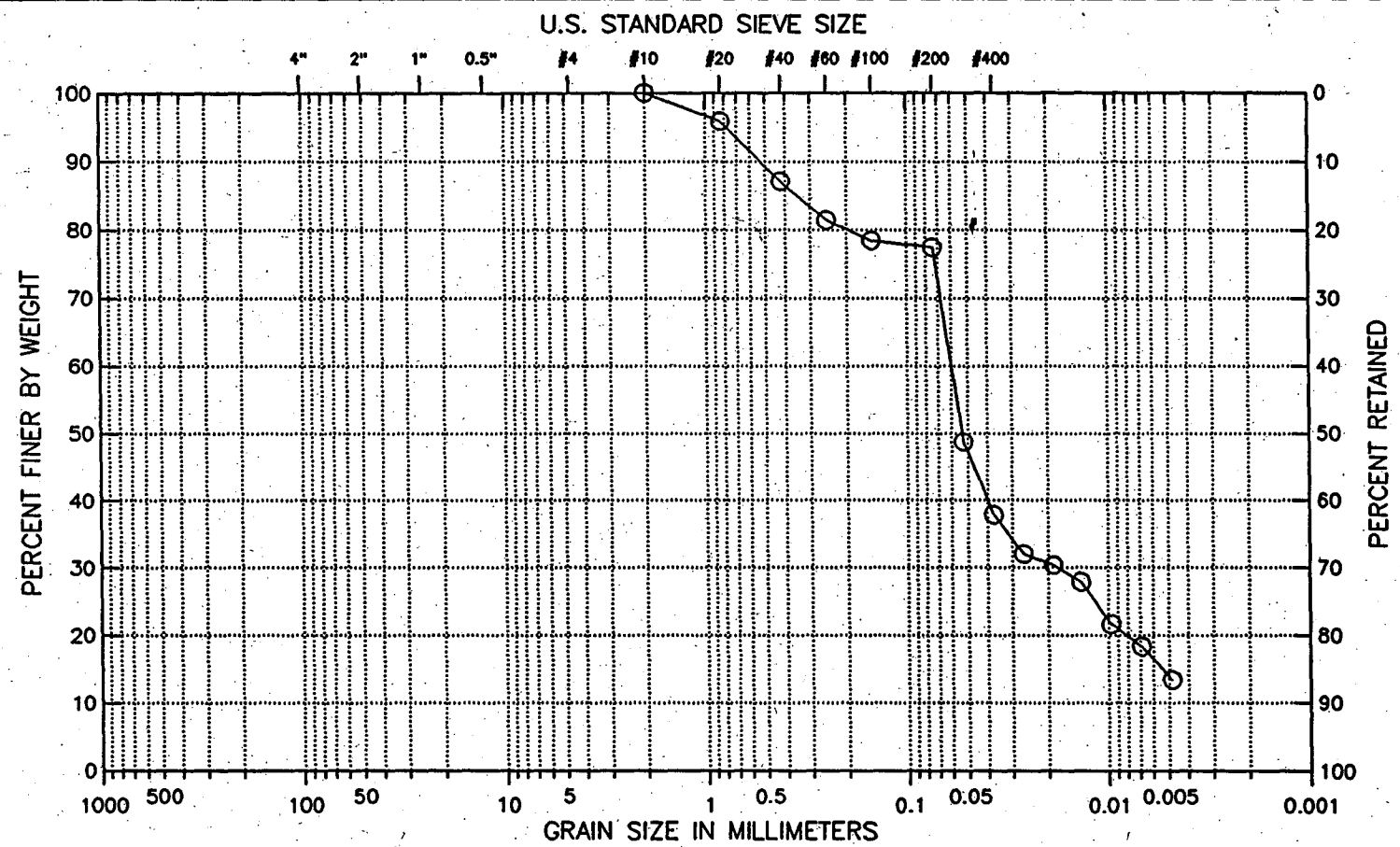
Total Dry Weight of Sample = 14.37

D85 : 0.3467 mm
D60 : 0.0601 mm
D50 : 0.0533 mm
D30 : 0.0179 mm
D15 : 0.0054 mm
D10 : 0.0038 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2093

Boring No. : ---	Project : NAS Pensacola #951021
Sample No.: 041M150101	Project No.: GTX-938
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 12/12/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951021
Project No. : GTX-938
Boring No. : ---
Sample No. : 041M150201
Location : Pensacola, FL
Soil Description : Black organic silt with sand
Remarks : ---

Depth : ---
Test Date : 12/12/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 9.27 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.50	18.60	5.63	0.053	61	0.053
2.00	8.90	18.60	4.03	0.038	44	0.038
4.00	8.50	18.60	3.63	0.027	39	0.027
8.00	8.30	18.60	3.43	0.019	37	0.019
15.00	7.60	18.60	2.73	0.014	29	0.014
30.00	7.00	19.00	2.24	0.010	24	0.010
60.00	6.30	19.40	1.65	0.007	18	0.007
120.00	5.70	20.10	1.24	0.005	13	0.005
240.00	5.00	20.90	0.75	0.003	8	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.15	0.15	99
#40	0.017	0.42	0.36	0.51	95
#60	0.010	0.25	0.37	0.88	92
#100	0.006	0.15	0.18	1.06	91
#200	0.003	0.07	0.05	1.11	90
Pan			10.16	11.27	0

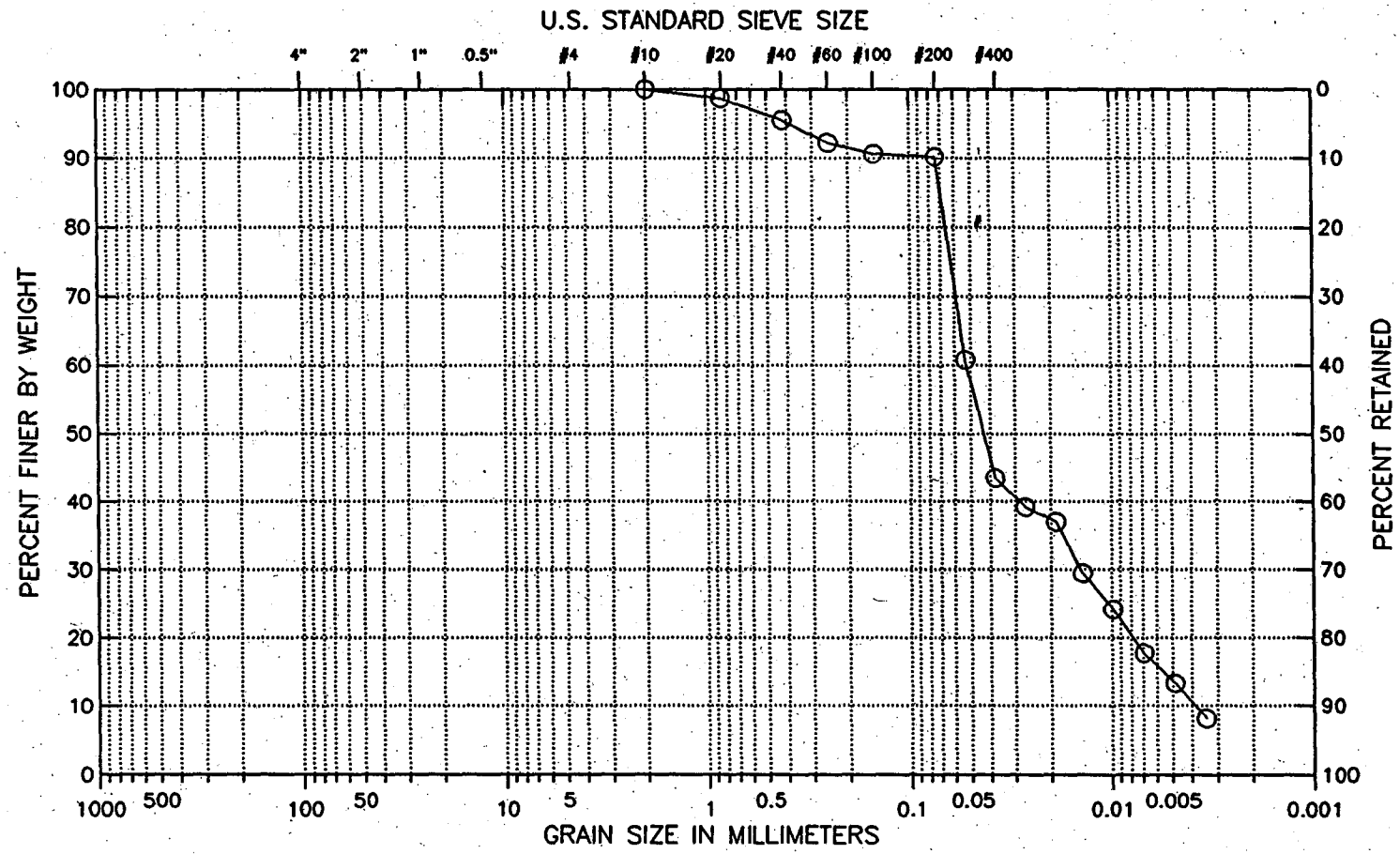
Total Dry Weight of Sample = 13.58

D85 : 0.0698 mm
D60 : 0.0522 mm
D50 : 0.0429 mm
D30 : 0.0142 mm
D15 : 0.0056 mm
D10 : 0.0039 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2095

Boring No. : --- Sample No: 041M150201 Test Method ASTM D422 Filename : 02	Project : NAS Pensacola #951021 Project No.: GTX-938 Location: Pensacola, FL Test Date 12/12/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black organic silt with sand

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951021
Project No. : GTX-938
Boring No. : ---
Sample No. : 041M150301
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/12/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 10.3 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.00	19.00	5.24	0.053	51	0.053
2.00	8.30	19.00	3.54	0.038	34	0.038
4.00	7.70	19.00	2.94	0.027	29	0.027
8.00	7.50	19.00	2.74	0.019	27	0.019
15.00	7.20	19.00	2.44	0.014	24	0.014
30.00	6.70	19.40	2.05	0.010	20	0.010
60.00	5.50	19.60	0.90	0.007	9	0.007
120.00	5.00	20.00	0.51	0.005	5	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.46	1.46	90
#40	0.017	0.42	0.65	2.11	85
#60	0.010	0.25	0.19	2.30	84
#100	0.006	0.15	0.16	2.46	83
#200	0.003	0.07	0.16	2.62	82
Pan			11.68	14.30	0

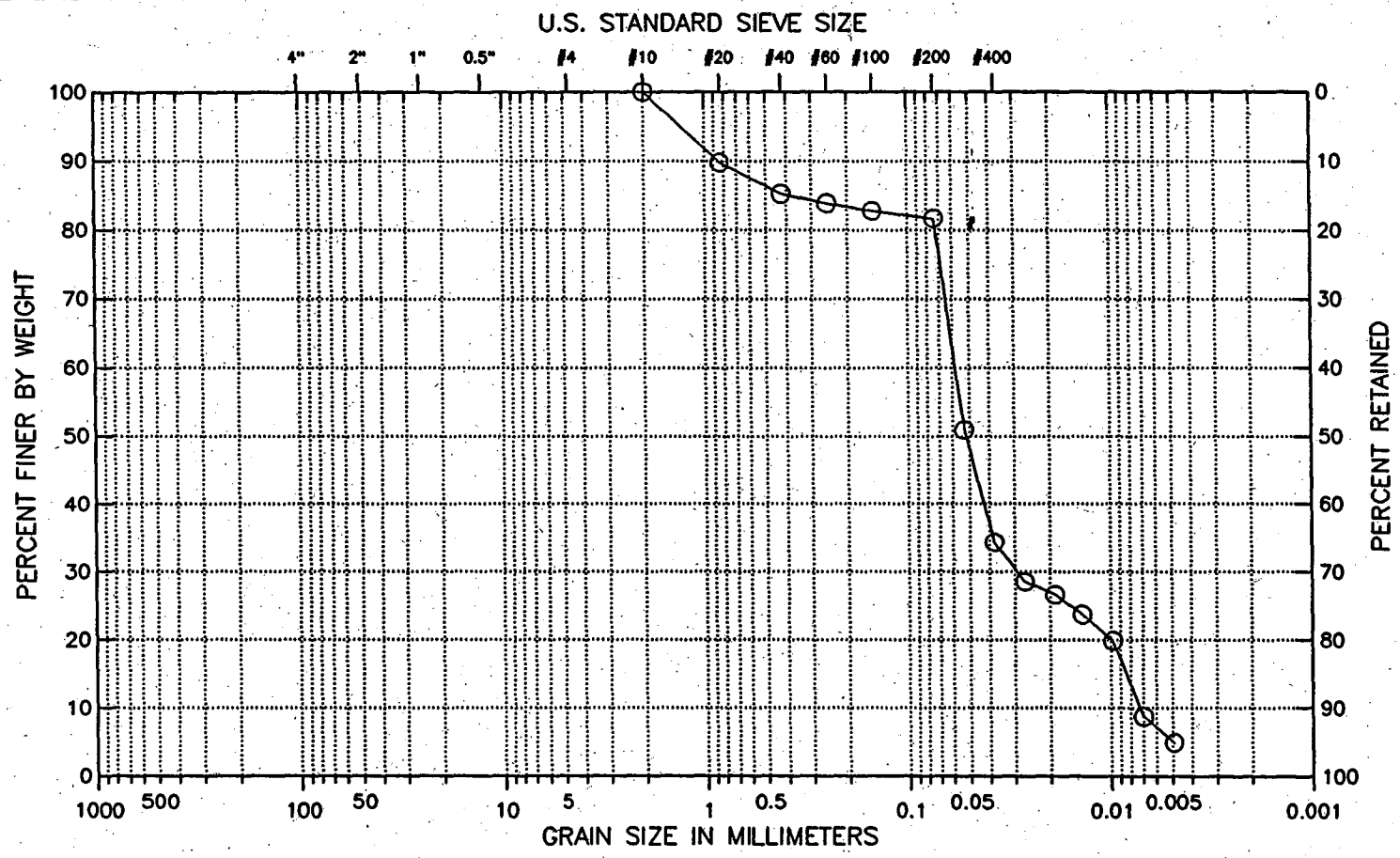
Total Dry Weight of Sample = 16.62

D85 : 0.3817 mm
D60 : 0.0584 mm
D50 : 0.0519 mm
D30 : 0.0292 mm
D15 : 0.0084 mm
D10 : 0.0072 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2097

Boring No. : --- Sample No: 041M150301 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #951021 Project No.: GTX-938 Location: Pensacola, FL Test Date 12/12/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 3

2096

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951021
Project No. : GTX-938
Boring No. : ---
Sample No. : 041M150401
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/12/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 38.59 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.00	19.00	5.24	0.053	14	0.053
2.00	8.70	19.00	3.94	0.038	10	0.038
4.00	8.30	19.00	3.54	0.027	9	0.027
8.00	8.00	19.00	3.24	0.019	8	0.019
15.00	7.80	19.00	3.04	0.014	8	0.014
30.00	6.50	19.20	1.79	0.010	5	0.010
60.00	5.70	19.60	1.10	0.007	3	0.007
120.00	5.00	20.20	0.56	0.005	1	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.02	0.02	100
#20	0.033	0.84	0.41	0.43	99
#40	0.017	0.42	4.97	5.40	86
#60	0.010	0.25	11.63	17.03	56
#100	0.006	0.15	5.88	22.91	41
#200	0.003	0.07	0.72	23.63	39
Pan			14.96	38.59	0

Total Dry Weight of Sample = 40.97

D85 : 0.4128 mm
D60 : 0.2684 mm
D50 : 0.2048 mm
D30 : 0.0658 mm
D15 : 0.0539 mm
D10 : 0.0351 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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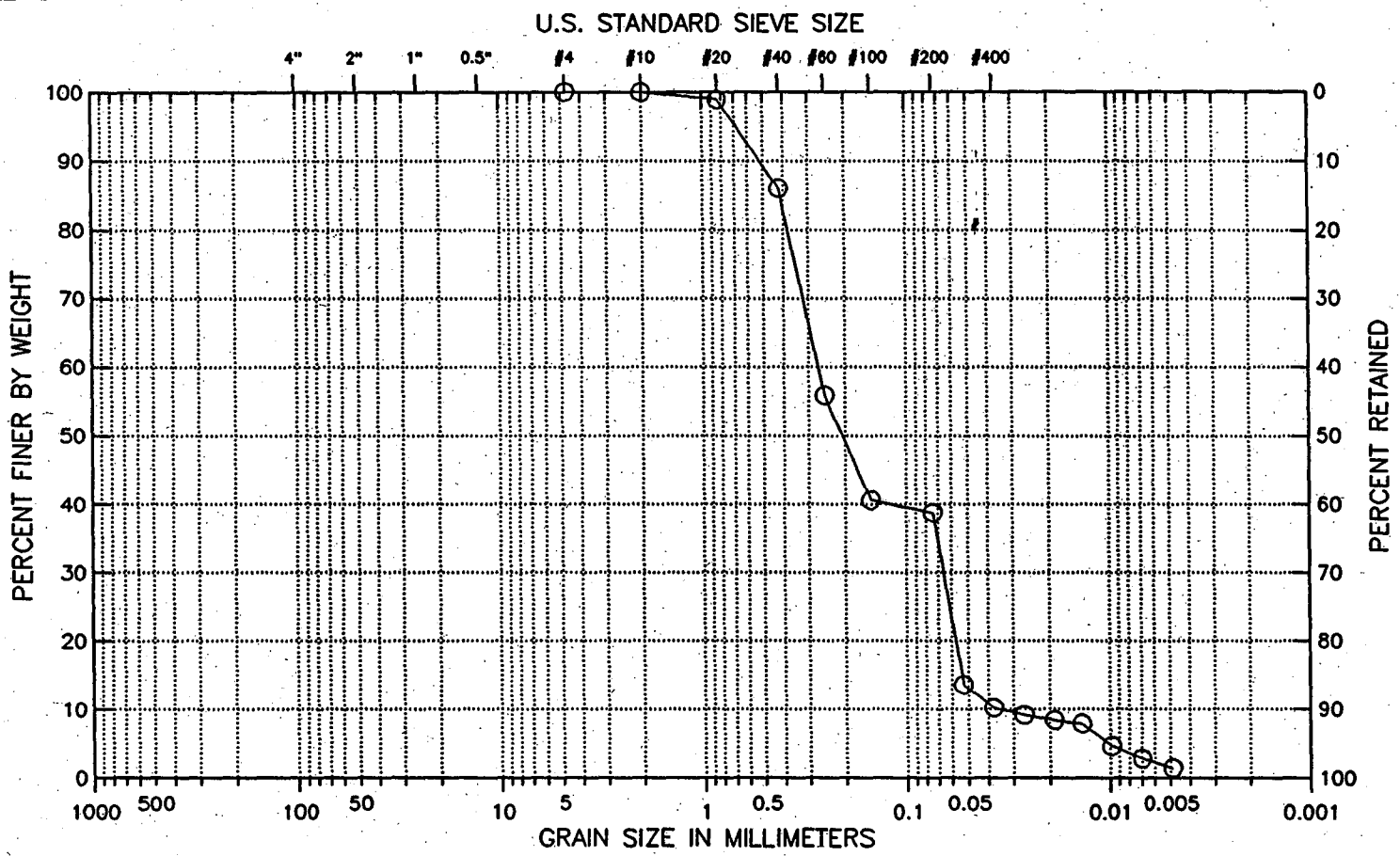
Boring No. : ---	Project : NAS Pensacola #951021
Sample No.: 041M150401	Project No.: GTX-938
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 12/12/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 4

2088

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola # 951029
Project No. : GTX-939
Boring No. : ---
Sample No. : 041M160101
Location : Pensacola, FL
Soil Description : Brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/14/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

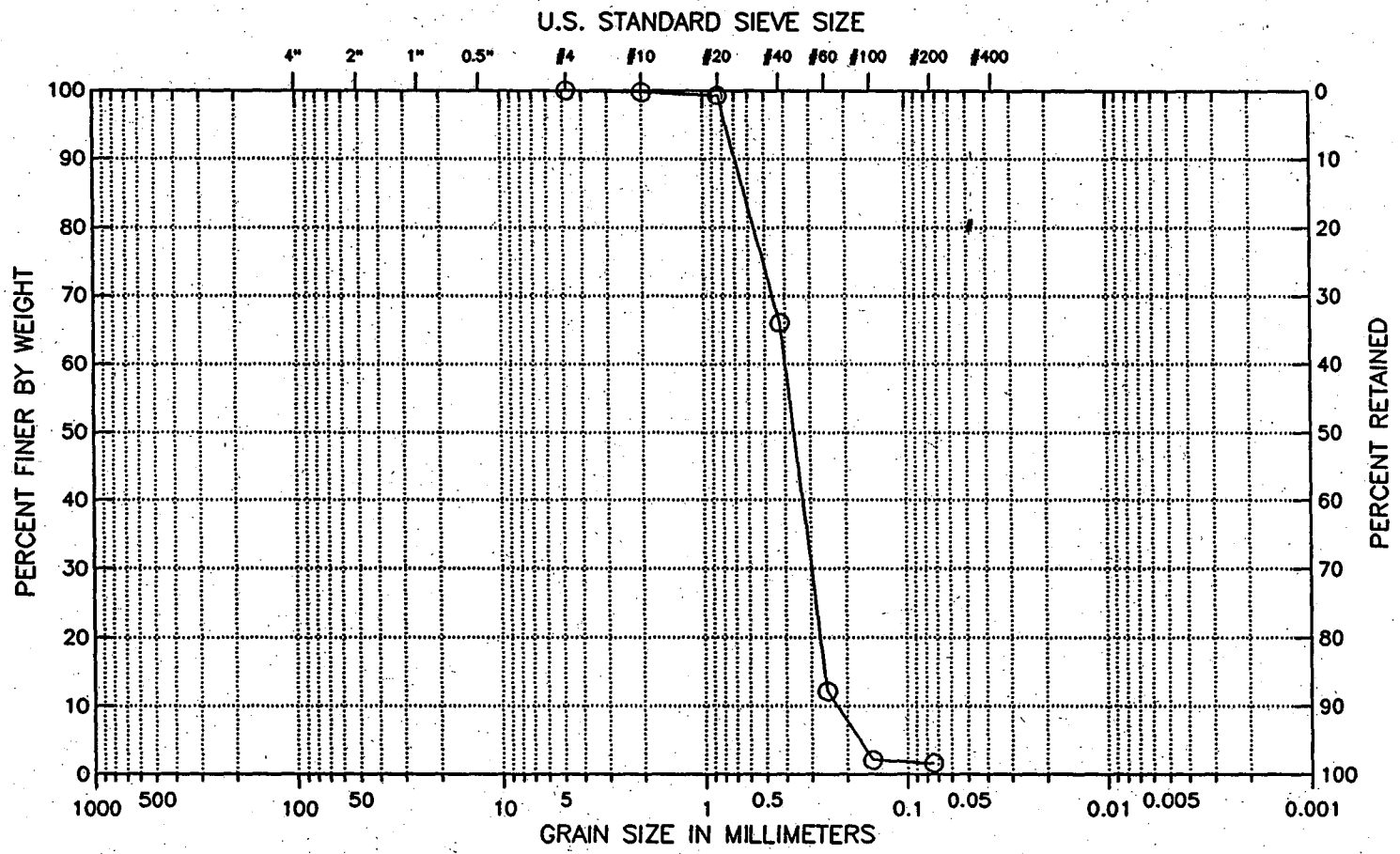
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.13	0.13	100
#20	0.033	0.84	0.29	0.42	99
#40	0.017	0.42	19.37	19.79	66
#60	0.010	0.25	31.46	51.25	12
#100	0.006	0.15	5.89	57.14	2
#200	0.003	0.07	0.26	57.40	2
Pan			0.96	58.36	0

Total Dry Weight of Sample = 60.7

D85 : 0.6238 mm
D60 : 0.3961 mm
D50 : 0.3597 mm
D30 : 0.2968 mm
D15 : 0.2569 mm
D10 : 0.2235 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No: 041M160101 Test Method ASTM D422 Filename : 01	Project : NAS Pensacola # 951029 Project No.: GTX-939 Location: Pensacola, FL Test Date 12/14/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola # 951029
Project No. : GTX-939
Boring No. : ---
Sample No. : 041M160201
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 12/14/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 88.44 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.00	18.40	7.08	0.053	8	0.053
2.00	10.50	18.40	5.58	0.038	6	0.038
4.00	10.20	18.40	5.28	0.027	6	0.027
8.00	10.00	18.40	5.08	0.019	6	0.019
15.00	9.00	18.40	4.08	0.014	5	0.014
30.00	8.70	19.20	3.99	0.010	5	0.010
60.00	7.70	19.70	3.13	0.007	4	0.007
120.00	7.00	20.50	2.65	0.005	3	0.005
240.00	6.00	21.00	1.78	0.003	2	0.003

FINE SIEVE SET

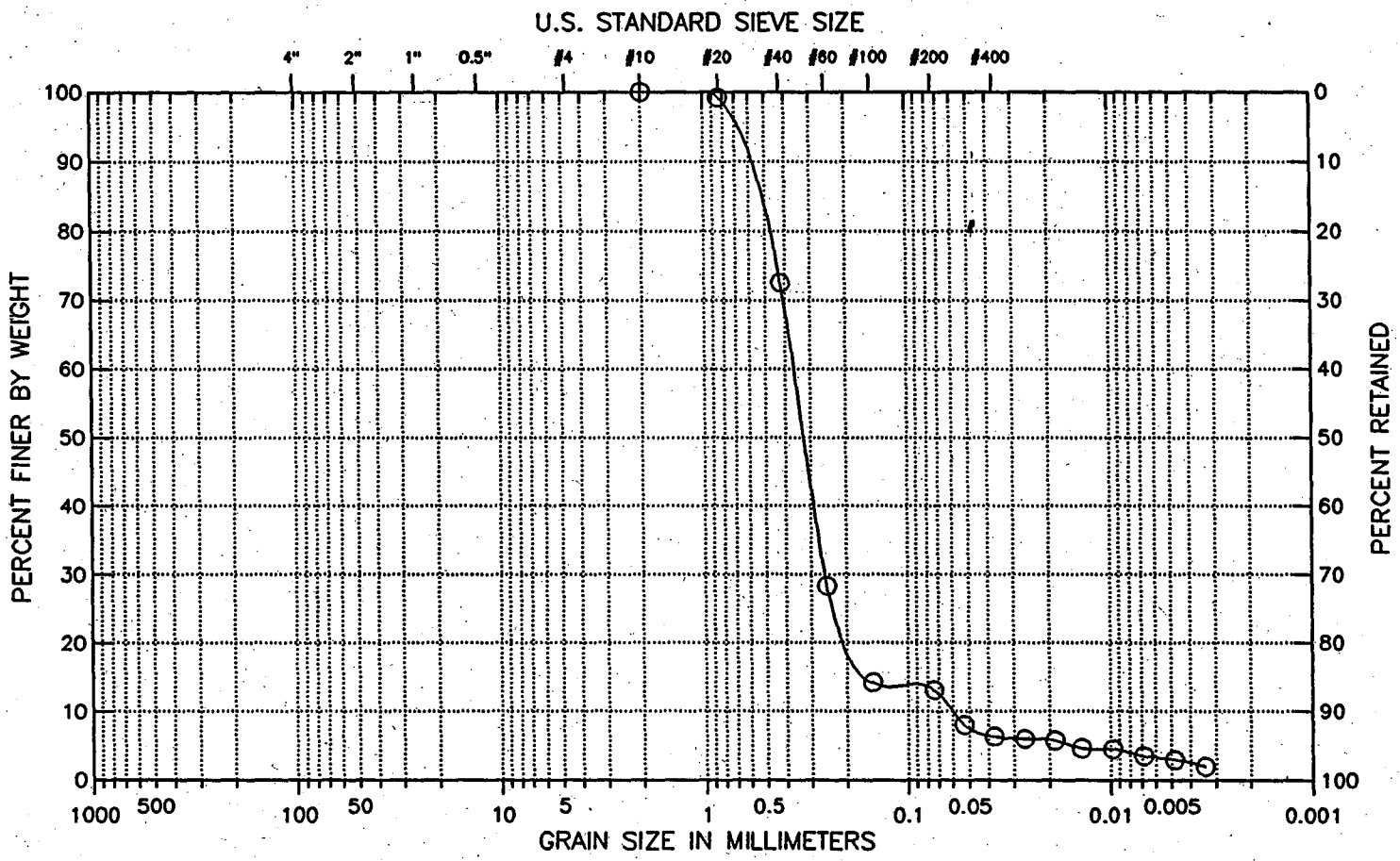
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.71	0.71	99
#40	0.017	0.42	23.61	24.32	73
#60	0.010	0.25	39.03	63.35	28
#100	0.006	0.15	12.51	75.86	14
#200	0.003	0.07	1.01	76.87	13
Pan			11.57	88.44	0

Total Dry Weight of Sample = 90.8

D85 : 0.5813 mm
D60 : 0.3626 mm
D50 : 0.3224 mm
D30 : 0.2548 mm
D15 : 0.1533 mm
D10 : 0.0602 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

Boring No. : --- Sample No: 041M160201 Test Method ASTM D422 Filename : 02	Project : NAS Pensacola # 951029 Project No.: GTX-939 Location: Pensacola, FL Test Date 12/14/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola # 951029
Project No. : GTX-939
Boring No. : ---
Sample No. : 041M160301
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/14/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 20.26 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.00	18.40	6.08	0.053	30	0.053
2.00	10.70	18.40	5.78	0.038	29	0.038
4.00	10.30	18.40	5.39	0.027	27	0.027
8.00	10.00	18.40	5.08	0.019	25	0.019
15.00	9.70	18.40	4.78	0.014	24	0.014
30.00	9.30	19.20	4.59	0.010	23	0.010
60.00	8.50	19.70	3.93	0.007	19	0.007
120.00	7.50	20.50	3.15	0.005	16	0.005
240.00	6.70	21.00	2.48	0.003	12	0.003
983.00	6.00	17.90	1.01	0.002	5	0.002

FINE SIEVE SET

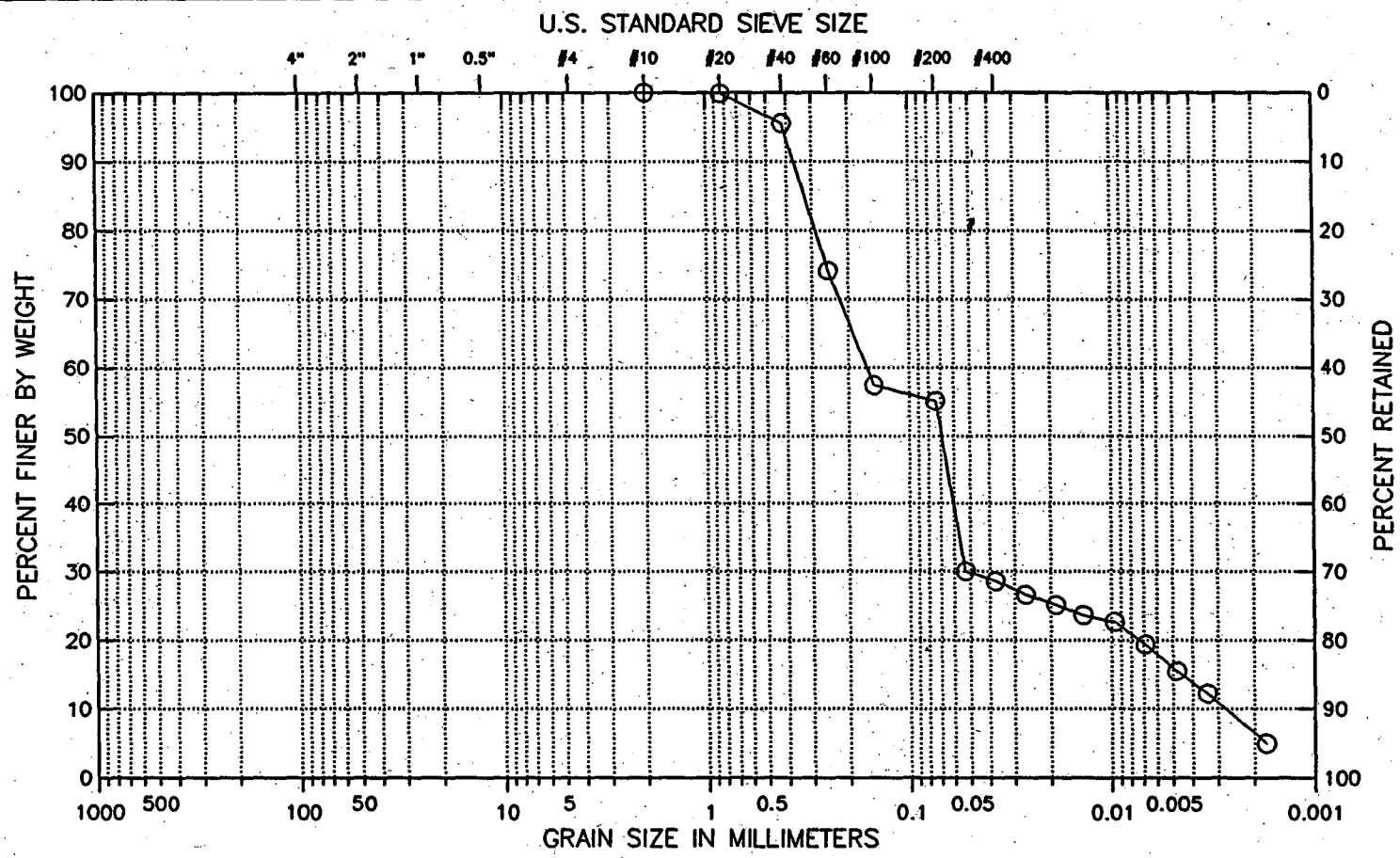
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.03	0.03	100
#40	0.017	0.42	1.01	1.04	96
#60	0.010	0.25	4.97	6.01	74
#100	0.006	0.15	3.90	9.91	57
#200	0.003	0.07	0.53	10.44	55
Pan			12.82	23.26	0

Total Dry Weight of Sample = 25.55

D85 : 0.3253 mm
D60 : 0.1615 mm
D50 : 0.0691 mm
D30 : 0.0521 mm
D15 : 0.0045 mm
D10 : 0.0028 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : ---	Project : NAS Pensacola # 951029
Sample No.: 041M160301	Project No.: GTX-939
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 12/14/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 04m170101
Location : Pensacola, Florida
Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422
Filename : 01
Elevation : ---
Tested by : jdt
Checked by : gtt
Soil Description : Moist very dark gray sand, trace silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.32	0.32	100
#40	0.017	0.42	18.23	18.55	80
#60	0.010	0.25	43.22	61.77	33
#100	0.006	0.15	26.19	87.96	4
#200	0.003	0.07	1.47	89.43	3
Pan			2.67	92.10	0

Total Dry Weight of Sample = 101.84

D85 : 0.5030 mm
D60 : 0.3372 mm
D50 : 0.3019 mm
D30 : 0.2370 mm
D15 : 0.1804 mm
D10 : 0.1647 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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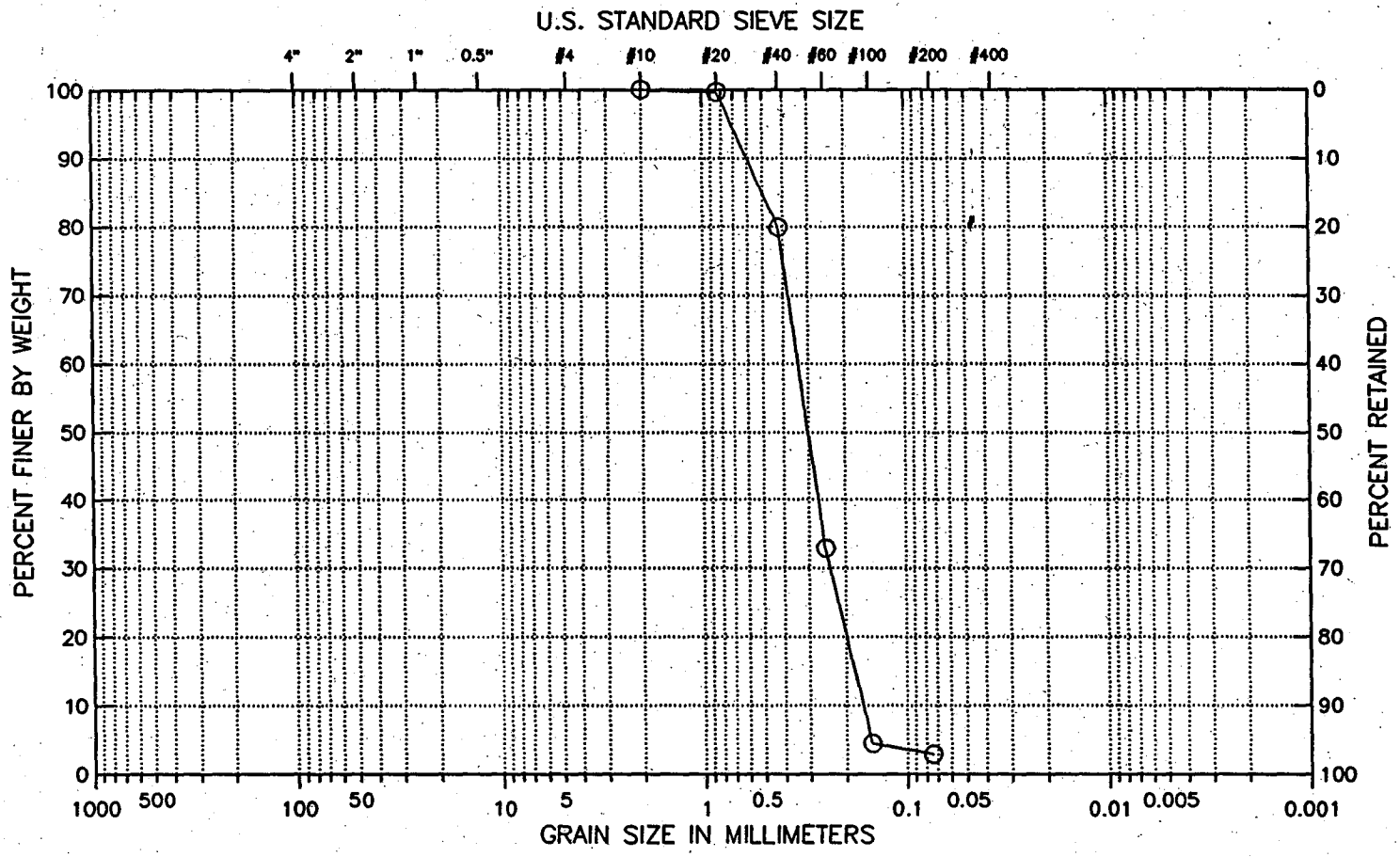
Boring No. : ---	Project : NAS Pensacola #960025
Sample No.: 04m170101	Project No.: GTX-955
Test Method ASTM D422	Location: Pensacola, Florida
Filename : 01	Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist very dark gray sand, trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m170201
Location : Pensacola, Florida

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Very dark grayish brown sand, trace silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.39	0.39	100
#40	0.017	0.42	12.91	13.30	83
#60	0.010	0.25	35.85	49.15	38
#100	0.006	0.15	27.33	76.48	4
#200	0.003	0.07	1.44	77.92	2
Pan			1.46	79.38	0

Total Dry Weight of Sample = 88.73

D85 : 0.4527 mm
D60 : 0.3216 mm
D50 : 0.2867 mm
D30 : 0.2214 mm
D15 : 0.1767 mm
D10 : 0.1639 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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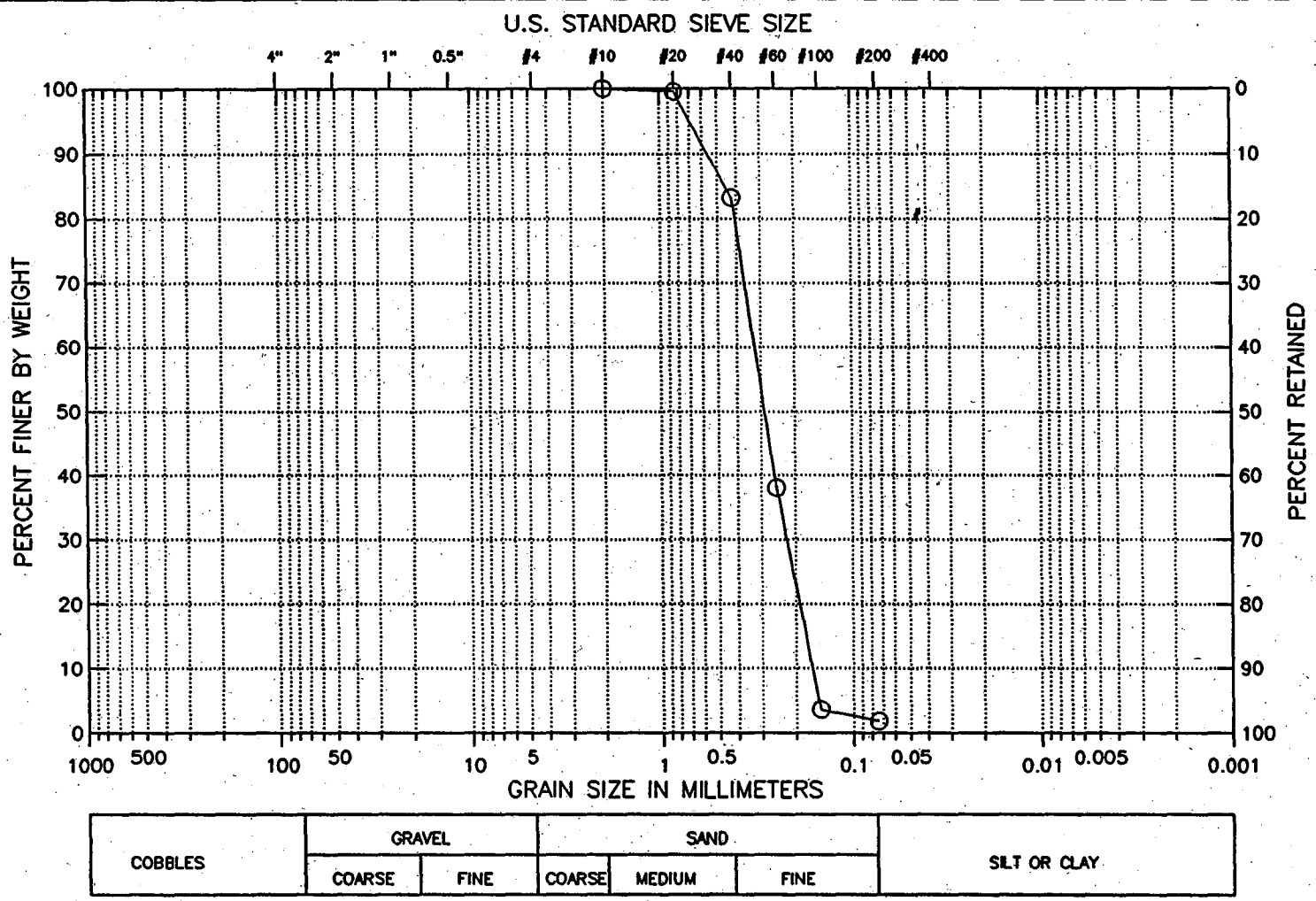
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041m170201	Project No.: GTX-955
Test Method ASTM D422	Location: Pensacola, Florida
Filename : 02	Test Date 01/19/96



Classification :
(SP) Poorly graded sand
Visual Description :
Very dark grayish brown sand, trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 2

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GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m170301
Location : Pensacola, Florida

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Very dark gray sand, trace silt
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.32	0.32	100
#40	0.017	0.42	13.26	13.58	82
#60	0.010	0.25	34.02	47.60	37
#100	0.006	0.15	24.82	72.42	5
#200	0.003	0.07	1.59	74.01	3
Pan			2.01	76.02	0

Total Dry Weight of Sample = 85.19

D85 : 0.4707 mm
D60 : 0.3249 mm
D50 : 0.2894 mm
D30 : 0.2224 mm
D15 : 0.1753 mm
D10 : 0.1620 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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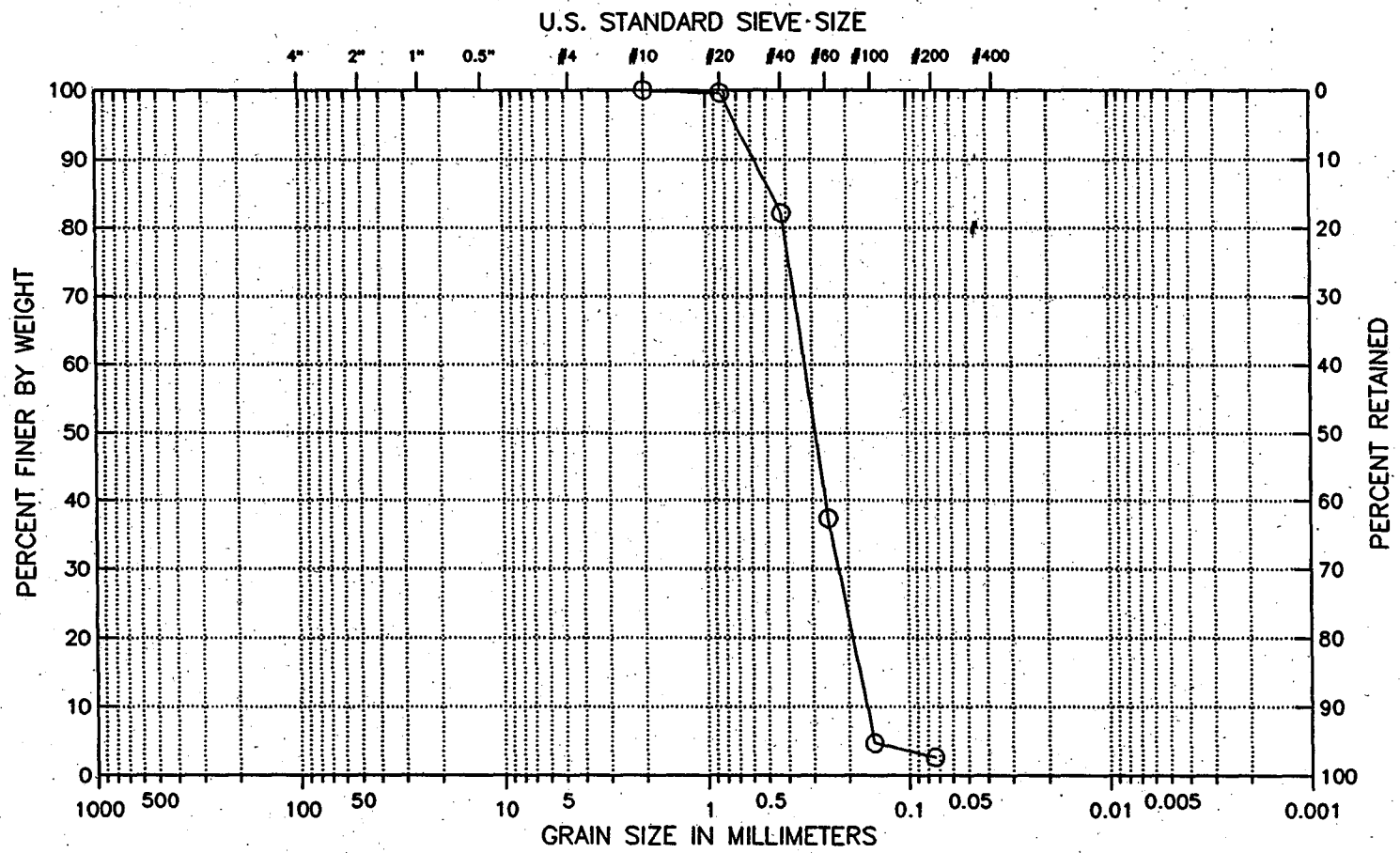
Boring No. : --- Sample No.: 041m170301 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #960025 Project No.: GTX-955 Location: Pensacola, Florida Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Very dark gray sand, trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951050
Project No. : GTX-945
Boring No. : ---
Sample No. : 041M18A101
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/20/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 11.1 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	7.00	20.10	2.54	0.053	23	0.053
2.00	6.80	20.10	2.34	0.038	21	0.038
4.00	6.50	20.10	2.04	0.027	18	0.027
8.00	6.30	20.10	1.84	0.019	17	0.019
15.00	6.00	20.10	1.54	0.014	14	0.014
30.00	5.80	20.40	1.42	0.010	13	0.010
60.00	5.20	20.50	0.85	0.007	8	0.007

FINE SIEVE SET

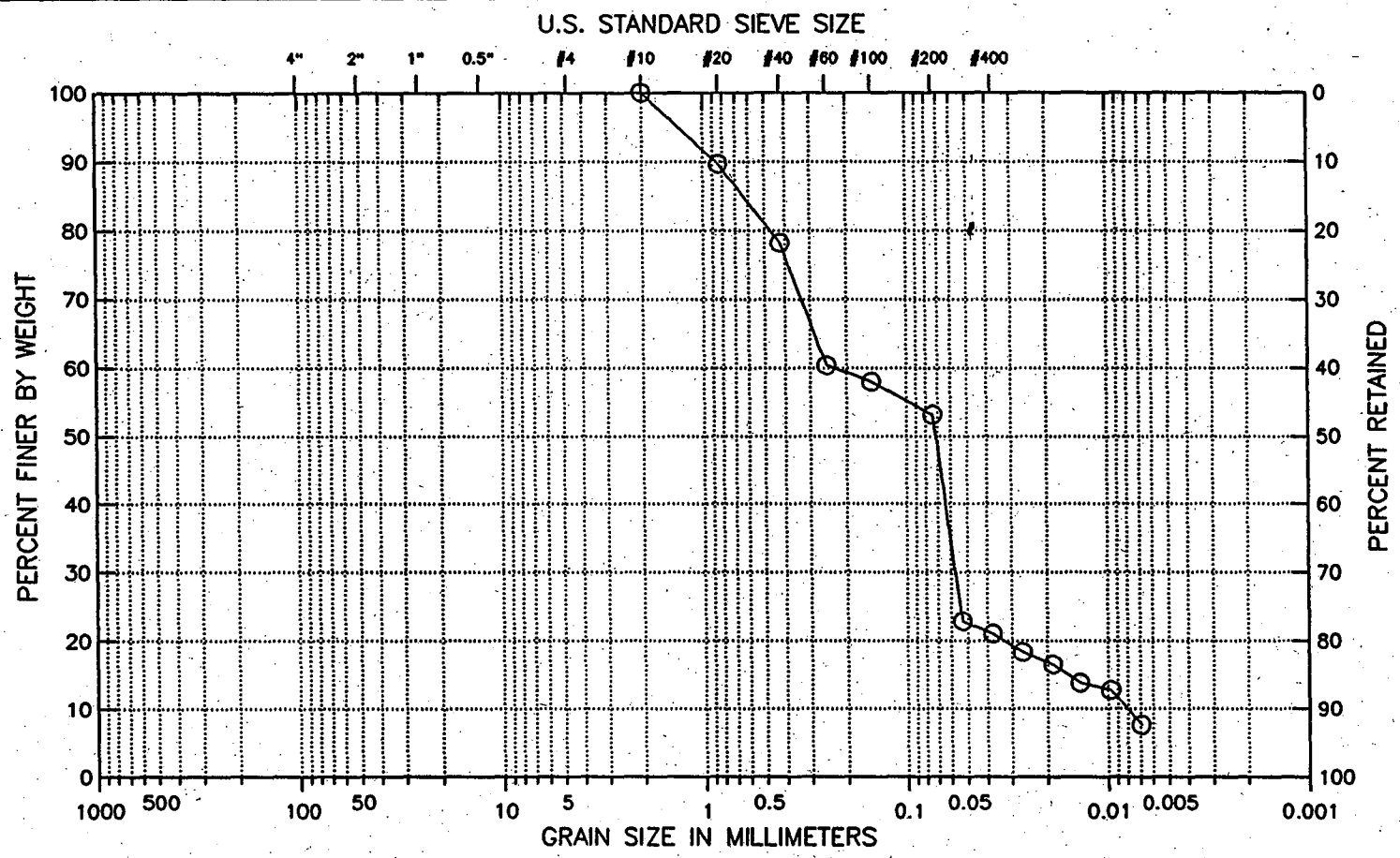
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.15	1.15	90
#40	0.017	0.42	1.27	2.42	78
#60	0.010	0.25	1.98	4.40	60
#100	0.006	0.15	0.27	4.67	58
#200	0.003	0.07	0.53	5.20	53
Pan			5.90	11.10	0

Total Dry Weight of Sample = 13.46

D85 : 0.6346 mm
D60 : 0.2315 mm
D50 : 0.0715 mm
D30 : 0.0574 mm
D15 : 0.0157 mm
D10 : 0.0081 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : ---	Project : NAS Pensacola #951050
Sample No: 041M18A101	Project No.: GTX-945
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 12/20/95



Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951050
Project No. : GTX-945
Boring No. : ---
Sample No. : 041M18A201
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/20/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

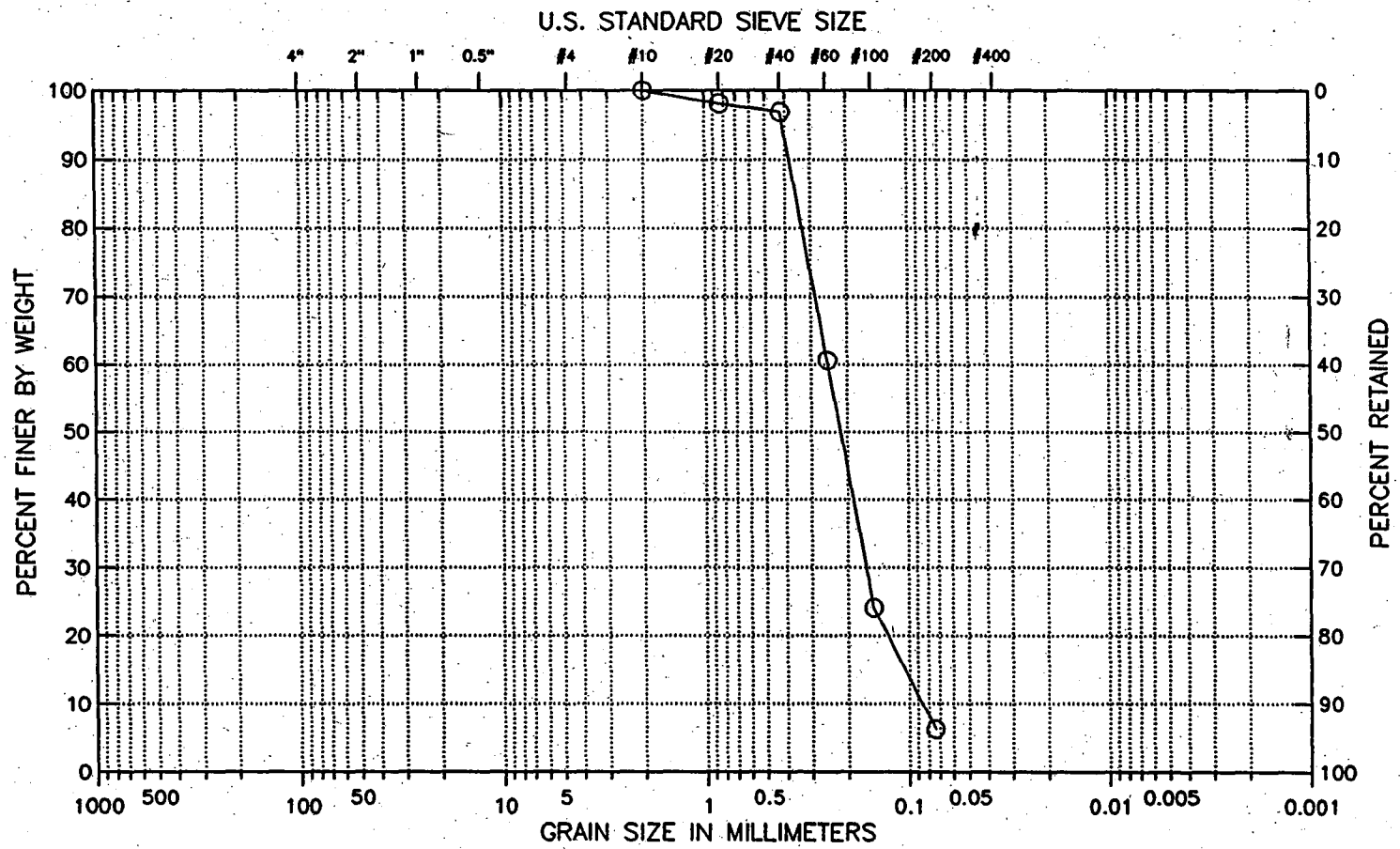
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.11	0.11	98
#40	0.017	0.42	0.07	0.18	97
#60	0.010	0.25	2.09	2.27	61
#100	0.006	0.15	2.10	4.37	24
#200	0.003	0.07	1.03	5.40	6
Pan			0.36	5.76	0

Total Dry Weight of Sample = 8.06

D85 : 0.3544 mm
D60 : 0.2479 mm
D50 : 0.2151 mm
D30 : 0.1619 mm
D15 : 0.1042 mm
D10 : 0.0857 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No.: 041M18A201 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #951050 Project No.: GTX-945 Location: Pensacola, FL Test Date 12/20/95



Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Black silty sand with organics

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951050
Project No. : GTX-945
Boring No. : ---
Sample No. : 041M18A301
Location : Pensacola, FL
Soil Description : Dark brown organic silt
Remarks : ---

Depth : ---
Test Date : 12/20/95
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 8.27 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	7.00	20.20	2.56	0.053	31	0.053
2.00	6.00	20.20	1.56	0.038	19	0.038
4.00	5.80	20.20	1.36	0.027	17	0.027
8.00	5.60	20.20	1.16	0.019	14	0.019
15.00	5.30	20.20	0.86	0.014	10	0.014
30.00	5.20	20.40	0.82	0.010	10	0.010
60.00	5.10	20.50	0.75	0.007	9	0.007
120.00	5.10	20.90	0.85	0.005	10	0.005
240.00	5.10	21.00	0.88	0.003	11	0.003

FINE SIEVE SET

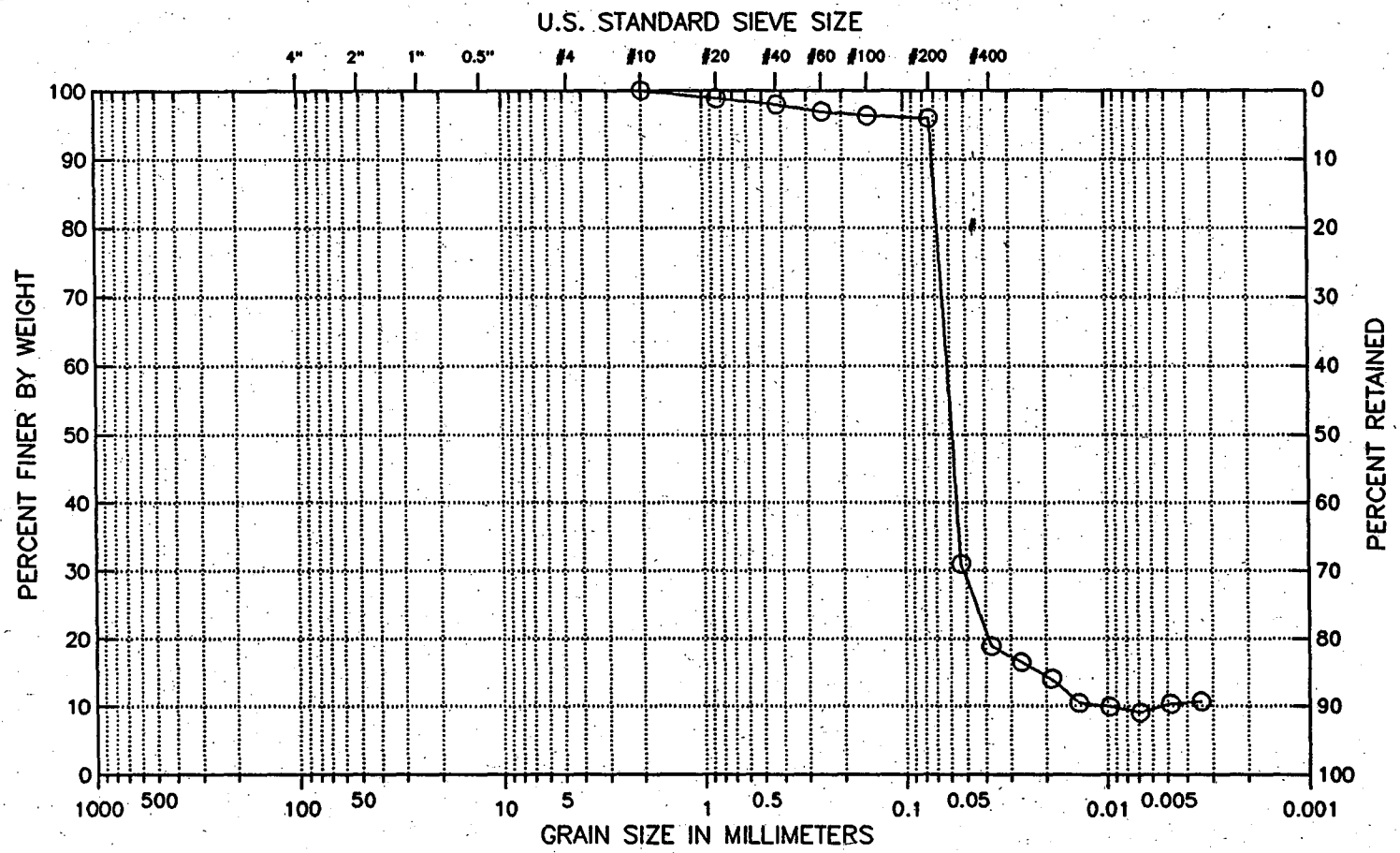
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.23	0.23	99
#40	0.017	0.42	0.18	0.41	98
#60	0.010	0.25	0.21	0.62	97
#100	0.006	0.15	0.12	0.74	96
#200	0.003	0.07	0.08	0.82	96
Pan			19.45	20.27	0

Total Dry Weight of Sample = 22.61

D85 : 0.0699 mm
D60 : 0.0615 mm
D50 : 0.0584 mm
D30 : 0.0514 mm
D15 : 0.0215 mm
D10 : 0.0070 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : ---	Project : NAS Pensacola #951050
Sample No: 041M18A301	Project No.: GTX-945
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 12/20/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown organic silt

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #951050
Project No. : GTX-945
Boring No. : ---
Sample No. : 041M18B101
Location : Pensacola, FL
Soil Description : Black sandy organic silt
Remarks : ---

Depth : ---
Test Date : 12/20/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 10.84 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	6.50	20.40	2.12	0.053	20	0.053
2.00	6.20	20.40	1.82	0.038	17	0.038
4.00	5.80	20.40	1.42	0.027	13	0.027
8.00	5.50	20.40	1.12	0.019	10	0.019
15.00	5.30	20.40	0.92	0.014	8	0.014
30.00	5.10	20.40	0.72	0.010	7	0.010
60.00	5.00	20.50	0.65	0.007	6	0.007

FINE SIEVE SET

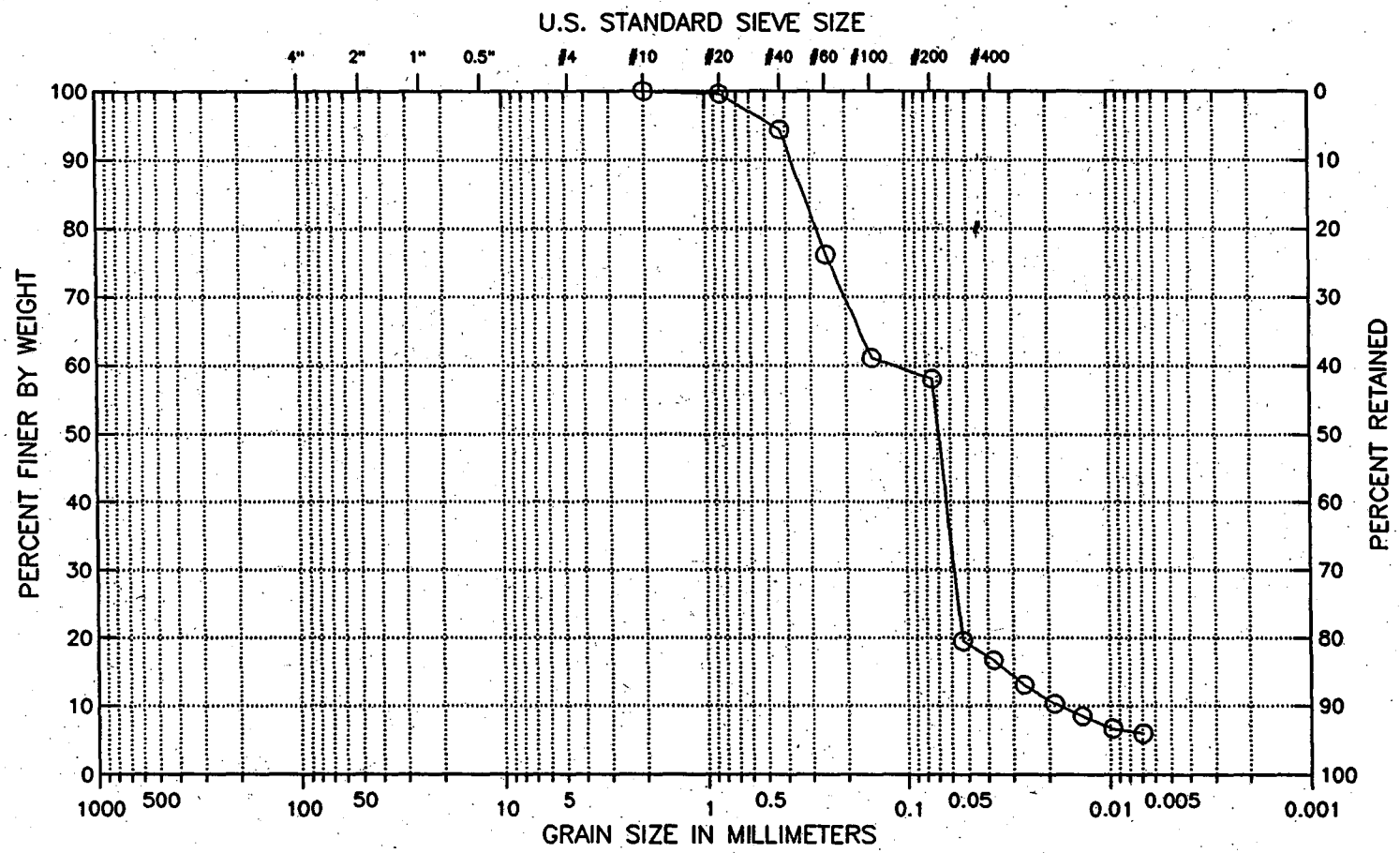
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.05	0.05	100
#40	0.017	0.42	0.62	0.67	94
#60	0.010	0.25	2.15	2.82	76
#100	0.006	0.15	1.79	4.61	61
#200	0.003	0.07	0.36	4.97	58
Pan			6.87	11.84	0

Total Dry Weight of Sample = 14.2

D85 : 0.3216 mm
D60 : 0.1166 mm
D50 : 0.0690 mm
D30 : 0.0580 mm
D15 : 0.0317 mm
D10 : 0.0178 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

Boring No. : ---	Project : NAS Pensacola #951050
Sample No: 041M18B101	Project No.: GTX-945
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 12/20/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black sandy organic silt

Figure 2

2217

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m19a101
Location : Pensacola, Florida
Soil Description : Saturated brown silt
Remarks :

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 57.04 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	9.00	19.80	4.45	0.053	8	0.053
2.00	7.80	19.80	3.25	0.037	6	0.037
4.00	6.90	19.80	2.35	0.027	4	0.027
8.00	6.40	19.80	1.85	0.019	3	0.019
15.00	6.20	20.00	1.71	0.014	3	0.014
30.00	5.90	19.90	1.38	0.010	2	0.010
60.00	4.90	20.00	0.41	0.007	1	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#20	0.033	0.84	0.00	0.00	100
#40	0.017	0.42	1.12	1.12	98
#60	0.010	0.25	3.93	5.05	91
#100	0.006	0.15	1.38	6.43	89
#200	0.003	0.07	0.20	6.63	88
Pan			50.44	57.07	0

Total Dry Weight of Sample = 66.29

D85 : 0.0729 mm
D60 : 0.0656 mm
D50 : 0.0629 mm
D30 : 0.0578 mm
D15 : 0.0543 mm
D10 : 0.0531 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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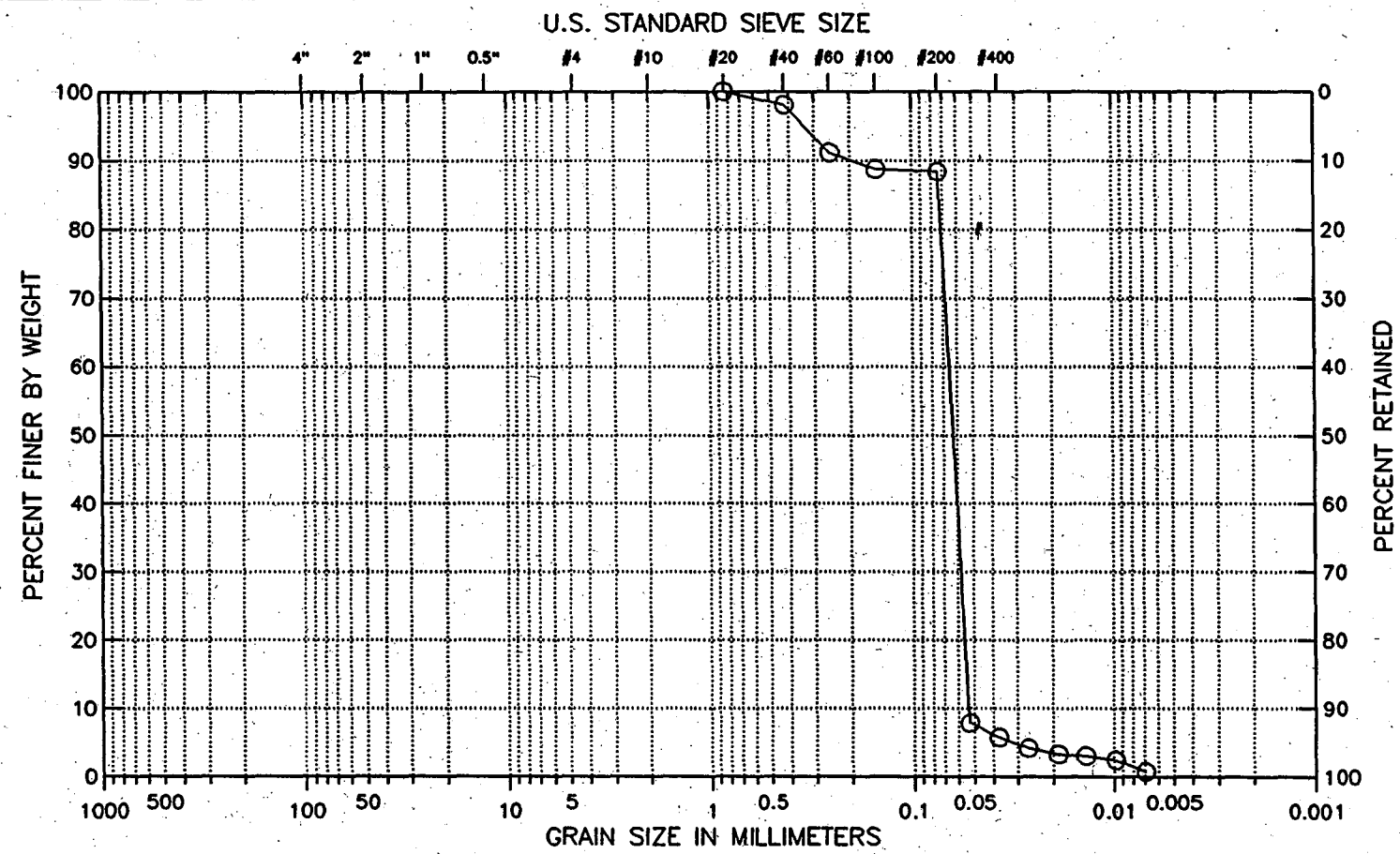
Boring No. : --- Sample No.: 041m19a101 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #960025 Project No.: GTX-955 Location: Pensacola, Florida Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated brown silt

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m19a201
Location : Pensacola, Florida
Soil Description : Light olive brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

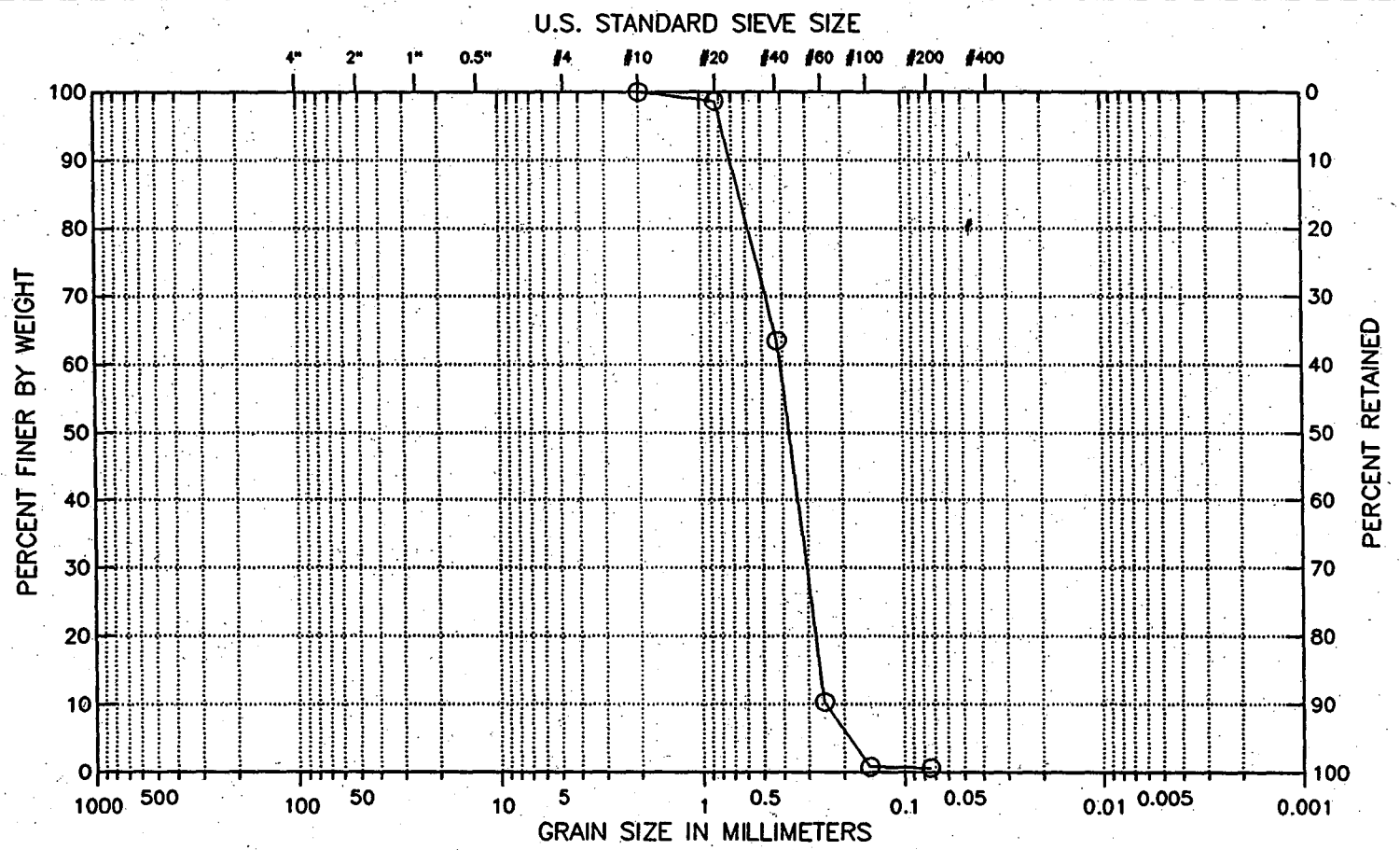
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.02	1.02	99
#40	0.017	0.42	26.69	27.71	63
#60	0.010	0.25	40.33	68.04	10
#100	0.006	0.15	7.25	75.29	1
#200	0.003	0.07	0.12	75.41	1
Pan			0.47	75.88	0

Total Dry Weight of Sample = 85.19

D85 : 0.6423 mm
D60 : 0.4060 mm
D50 : 0.3682 mm
D30 : 0.3029 mm
D15 : 0.2617 mm
D10 : 0.2455 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No: 041m19a201 Test Method ASTM D422 Filename : 05	Project : NAS Pensacola #960025 Project No.: GTX-955 Location: Pensacola, Florida Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light olive brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 5

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m19b101
Location : Pensacola, Florida
Soil Description : Very dark gray sand, trace silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.50	0.50	99
#40	0.017	0.42	10.16	10.66	83
#60	0.010	0.25	32.86	43.52	31
#100	0.006	0.15	14.56	58.08	8
#200	0.003	0.07	2.95	61.03	4
Pan			2.35	63.38	0

Total Dry Weight of Sample = 72.69

D85 : 0.4544 mm
D60 : 0.3331 mm
D50 : 0.3013 mm
D30 : 0.2426 mm
D15 : 0.1730 mm
D10 : 0.1546 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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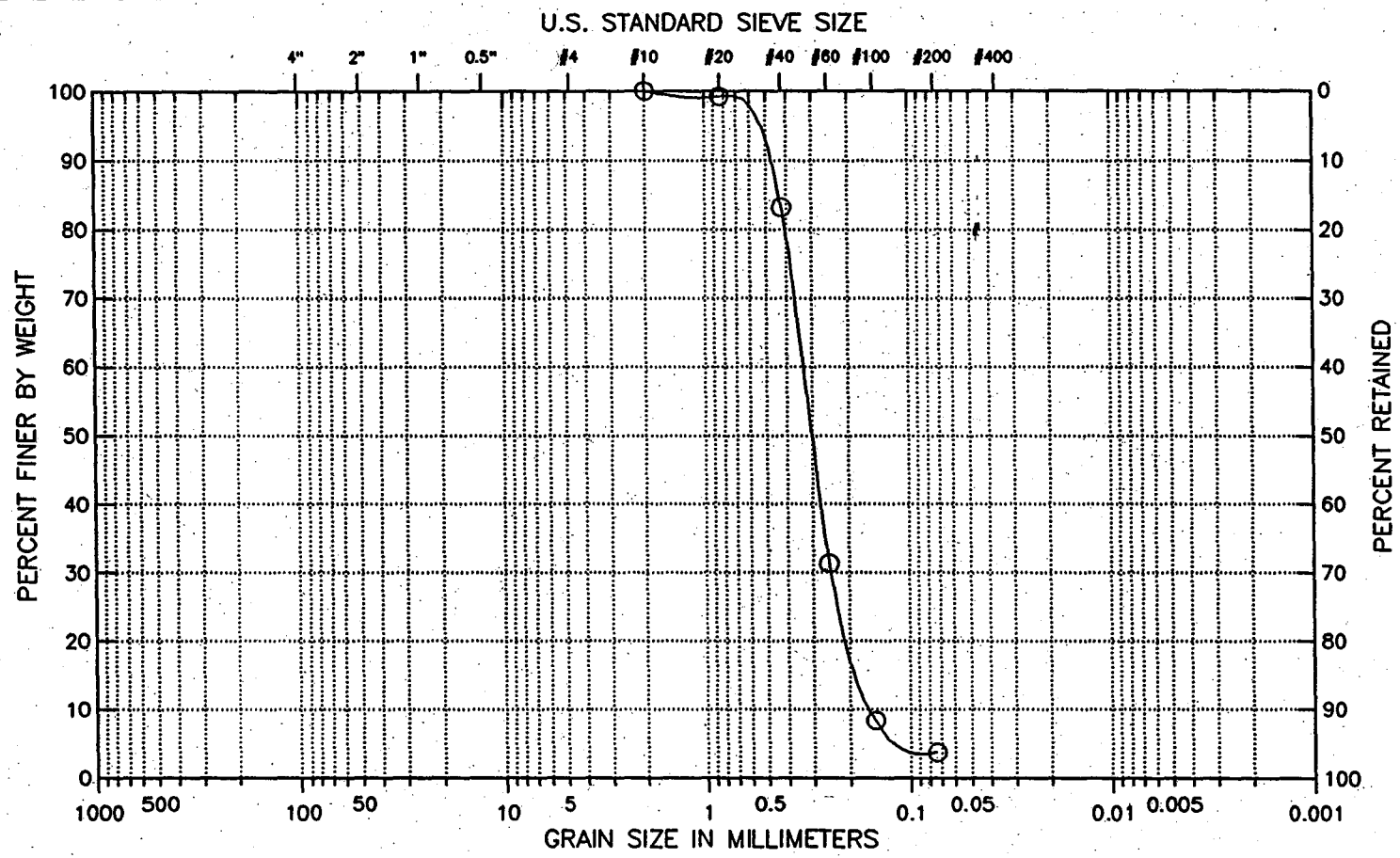
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041m19b101	Project No.: GTX-955
Test Method ASTM D422	Location: Pensacola, Florida
Filename : 06	Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Very dark gray sand, trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 6

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960043
Project No. : GTX-962
Boring No. : ---
Sample No. : 041M480101
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 153 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	13.50	18.10	8.54	0.052	6	0.052
2.00	13.00	18.10	8.04	0.037	5	0.037
4.00	11.80	18.10	6.84	0.026	4	0.026
8.00	10.90	18.10	5.94	0.019	4	0.019
15.00	10.10	18.10	5.14	0.014	3	0.014
30.00	9.60	18.60	4.73	0.010	3	0.010
61.00	9.10	19.10	4.36	0.007	3	0.007
120.00	8.50	20.30	4.09	0.005	3	0.005
240.00	7.50	21.60	3.45	0.003	2	0.003
1000.00	7.50	17.00	2.38	0.002	2	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	3.19	3.19	98
#40	0.017	0.42	44.50	47.69	69
#60	0.010	0.25	66.54	114.23	25
#100	0.006	0.15	23.41	137.64	10
#200	0.003	0.07	0.63	138.27	10
Pan			14.73	153.00	0

Total Dry Weight of Sample = 162.12

D85 : 0.6179 mm
D60 : 0.3780 mm
D50 : 0.3355 mm
D30 : 0.2643 mm
D15 : 0.1762 mm
D10 : 0.1394 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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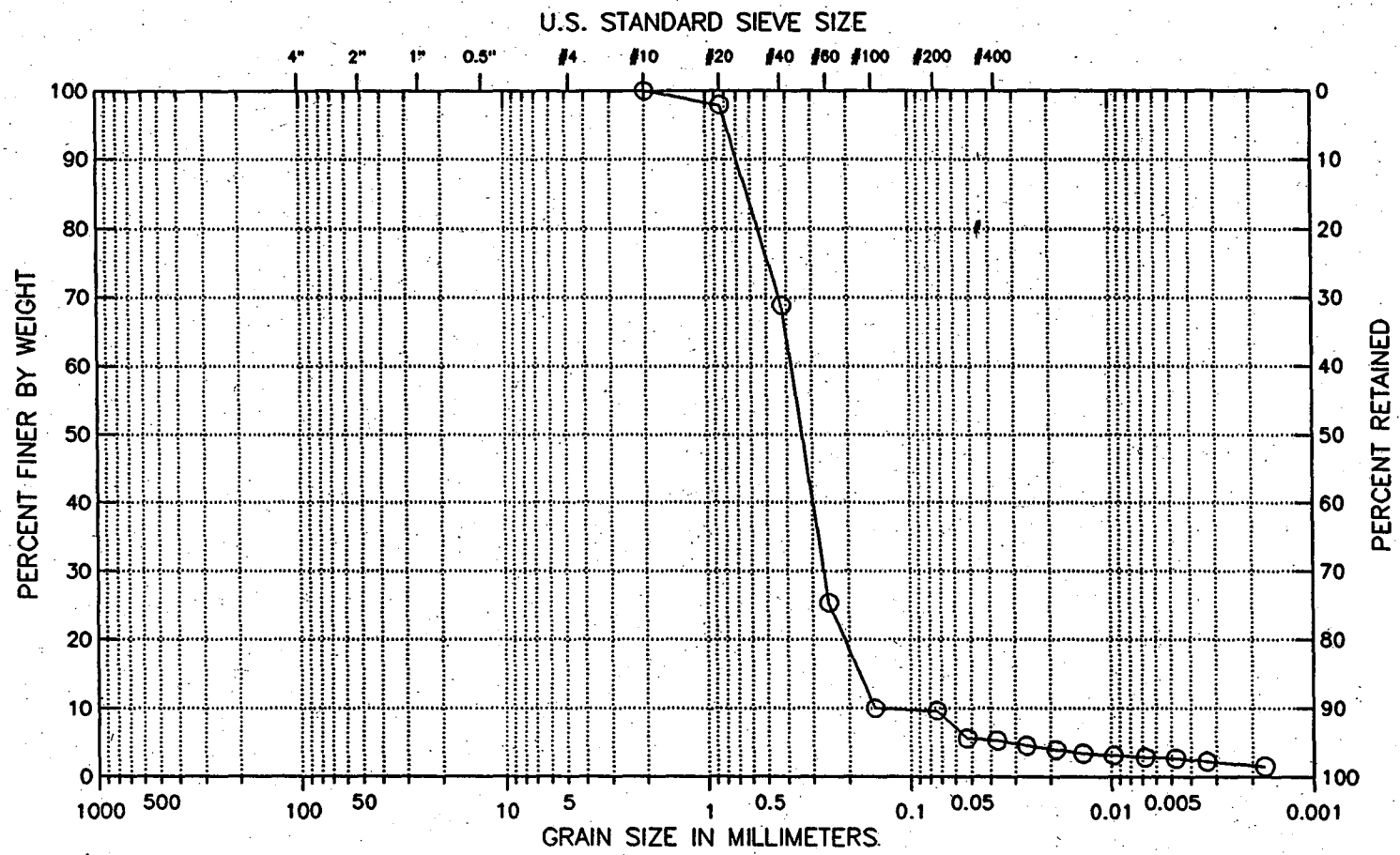
Boring No. : ---	Project : NAS Pensacola #960043
Sample No.: 041M480101	Project No.: GTX-962
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 01/24/96



Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 4

2103

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m490101
Location : Pensacola, Florida
Soil Description : Moist dark brown sand, some silt and organics
Remarks :

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 07
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 103.27 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	15.70	19.40	11.05	0.051	11	0.051
2.00	14.10	19.40	9.45	0.036	9	0.036
4.00	12.80	19.30	8.12	0.026	8	0.026
8.00	11.90	19.30	7.22	0.018	7	0.018
15.00	11.10	19.30	6.42	0.014	6	0.014
41.00	10.40	19.60	5.80	0.008	6	0.008
60.00	7.40	20.10	2.94	0.007	3	0.007
120.00	6.20	20.20	1.76	0.005	2	0.005
291.00	5.50	21.00	1.28	0.003	1	0.003
1309.00	5.40	18.00	0.42	0.002	0	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	2.70	2.70	97
#40	0.017	0.42	24.85	27.55	69
#60	0.010	0.25	45.18	72.73	19
#100	0.006	0.15	6.75	79.48	11
#200	0.003	0.07	0.46	79.94	11
Pan			9.61	89.55	0

Total Dry Weight of Sample = 98.81

D85 : 0.6231 mm
D60 : 0.3820 mm
D50 : 0.3446 mm
D30 : 0.2806 mm
D15 : 0.1928 mm
D10 : 0.0436 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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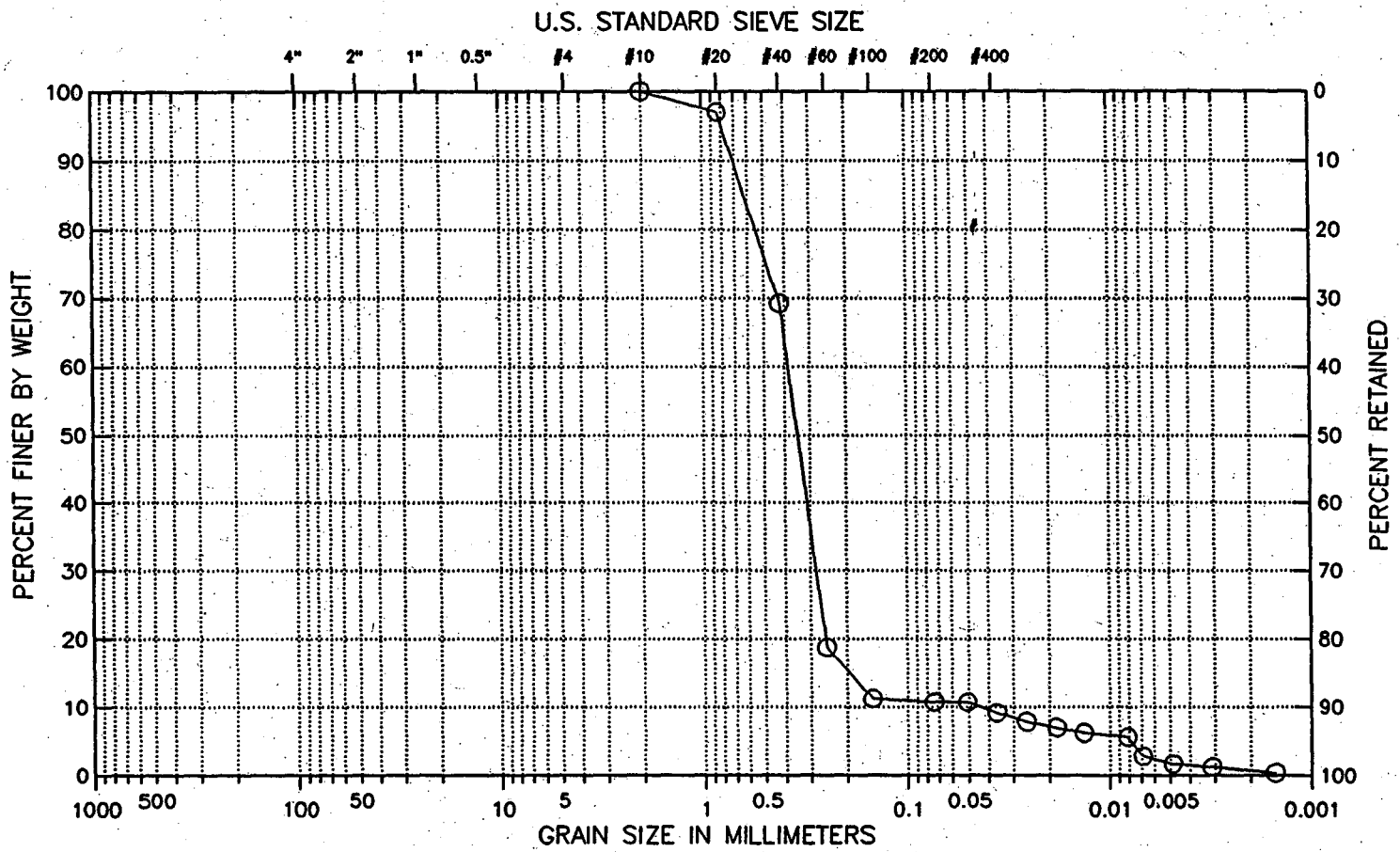
Boring No. : --- Sample No: 041m490101 Test Method ASTM D422 Filename : 07	Project : NAS Pensacola #960025 Project No.: GTX-955 Location: Pensacola, Florida Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Moist dark brown sand, some silt and organics

Figure 7

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m490201
Location : Pensacola, Florida
Soil Description : Very dark gray sandy silt
Remarks :

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 08
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 95.44 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	14.40	18.30	9.47	0.052	10	0.052
2.00	14.20	18.30	9.27	0.037	10	0.037
4.00	12.00	18.20	7.06	0.026	7	0.026
8.00	11.20	18.20	6.25	0.019	7	0.019
15.00	10.40	18.20	5.46	0.014	6	0.014
30.00	8.20	18.80	3.38	0.010	4	0.010
60.00	6.00	19.20	1.29	0.007	1	0.007
150.00	5.10	19.90	0.58	0.004	1	0.004
283.00	4.40	21.00	0.18	0.003	0	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.67	0.67	99
#40	0.017	0.42	15.32	15.99	74
#60	0.010	0.25	29.29	45.28	27
#100	0.006	0.15	6.20	51.48	17
#200	0.003	0.07	0.28	51.76	17
Pan			10.55	62.31	0

Total Dry Weight of Sample = 71.64

D85 : 0.5676 mm
D60 : 0.3585 mm
D50 : 0.3211 mm
D30 : 0.2575 mm
D15 : 0.0671 mm
D10 : 0.0522 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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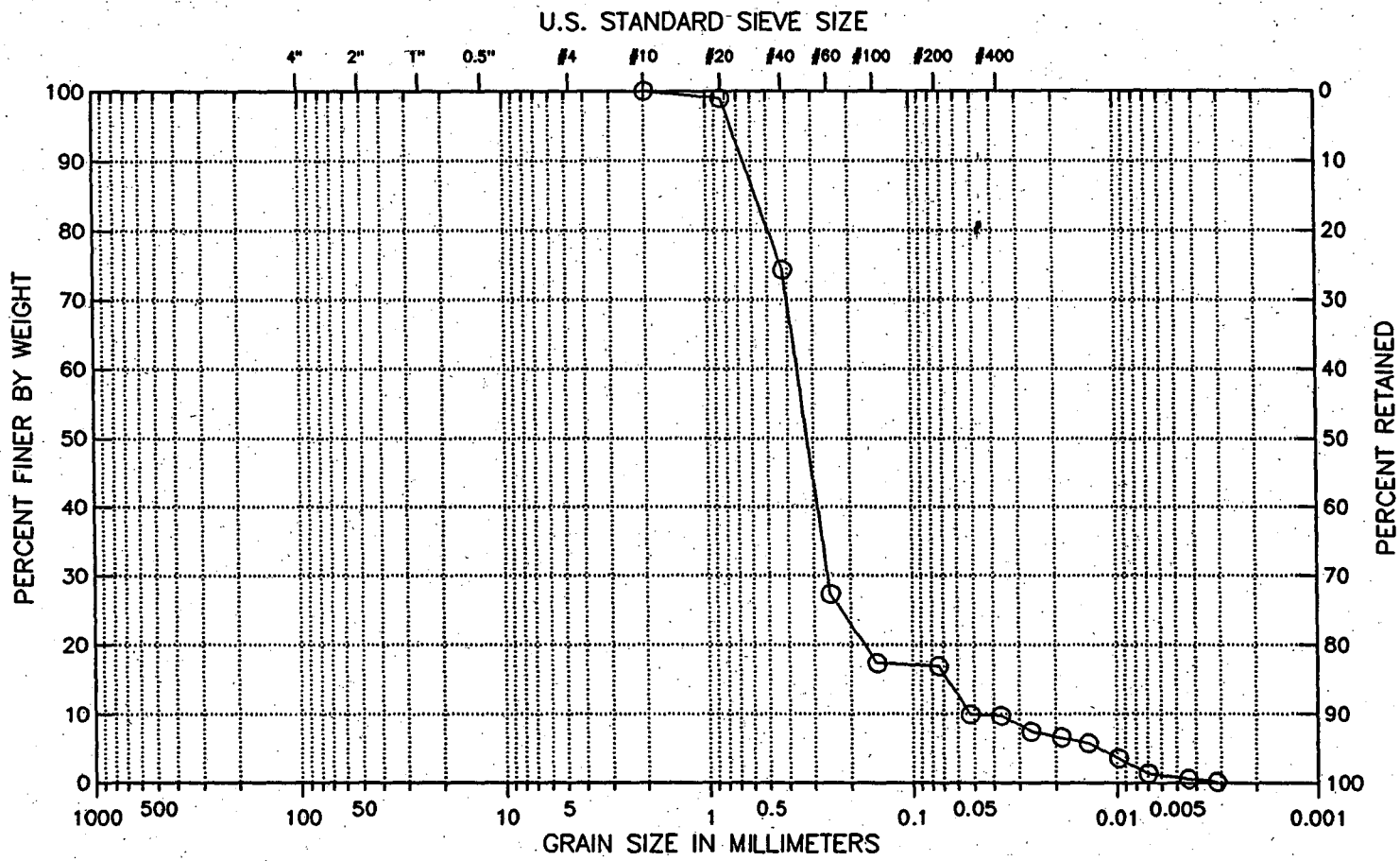
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041m490201	Project No.: GTX-955
Test Method ASTM D422	Location: Pensacola, Florida
Filename : 08	Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Very dark gray sandy silt

Figure 8

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-955
Boring No. : ---
Sample No. : 041m490301
Location : Pensacola, Florida

Depth : ---
Test Date : 01/19/96
Test Method : ASTM D422

Filename : 09
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Saturated dark brown sand, some silt and organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.32	0.32	100
#20	0.033	0.84	0.80	1.12	98
#40	0.017	0.42	16.98	18.10	73
#60	0.010	0.25	37.12	55.22	17
#100	0.006	0.15	5.75	60.97	8
#200	0.003	0.07	0.87	61.84	7
Pan			4.73	66.57	0

Total Dry Weight of Sample = 75.73

D85 : 0.5853 mm
D60 : 0.3728 mm
D50 : 0.3397 mm
D30 : 0.2820 mm
D15 : 0.2211 mm
D10 : 0.1639 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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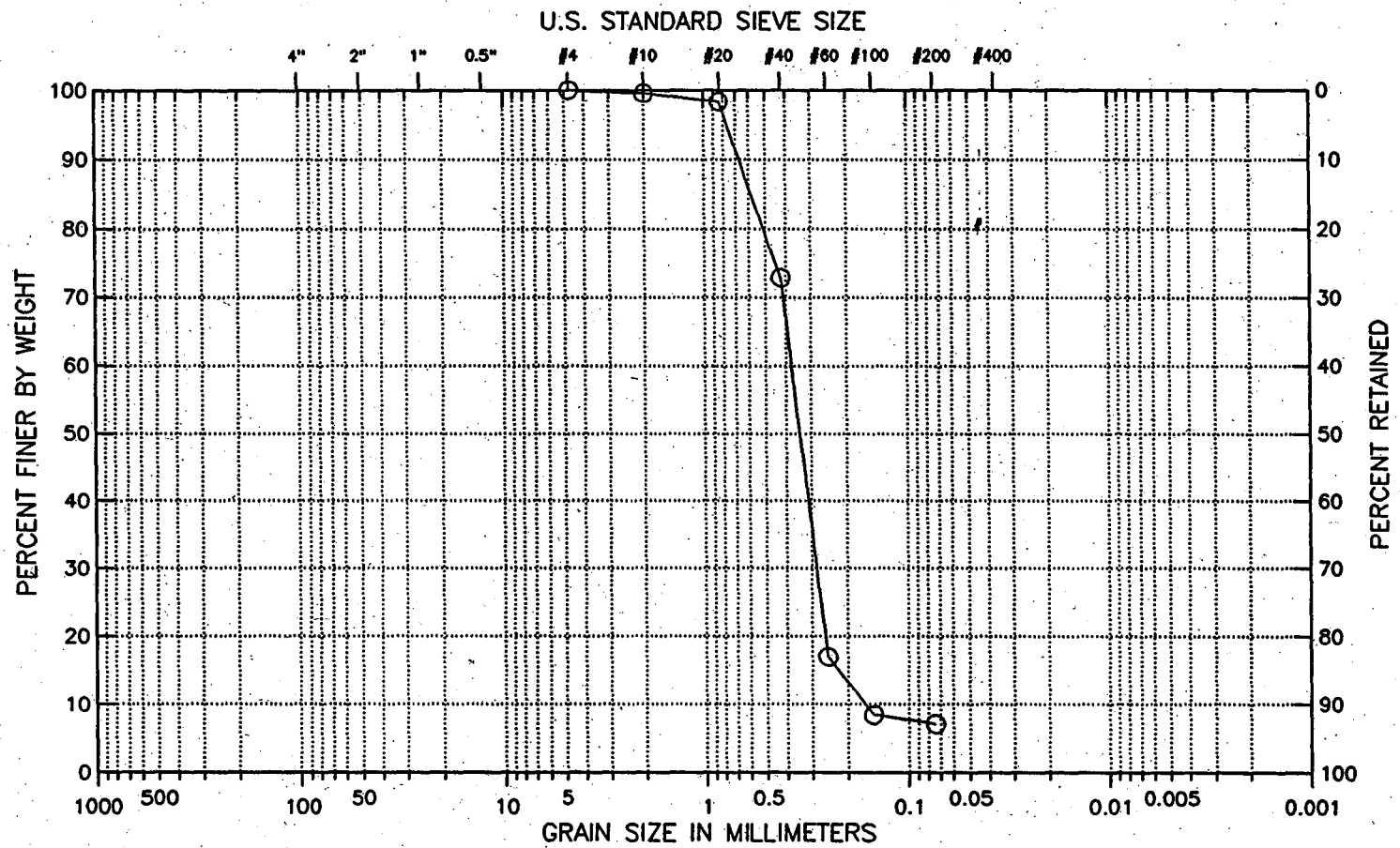
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041m490301	Project No.: GTX-955
Test Method ASTM D422	Location: Pensacola, Florida
Filename : 09	Test Date 01/19/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Saturated dark brown sand, some silt and organics

Figure 9

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-964
Boring No. : ---
Sample No. : 041M52A101
Location : Pensacola, FL
Soil Description : Black organic silt
Remarks : ---

Depth : ---
Test Date : 01/25/96
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 15 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	13.30	19.10	8.56	0.052	57	0.052
2.00	12.40	19.10	7.66	0.037	51	0.037
4.00	12.00	19.10	7.26	0.026	48	0.026
8.00	11.20	19.20	6.49	0.019	43	0.019
15.00	10.20	19.30	5.52	0.014	37	0.014
30.00	9.20	19.60	4.60	0.010	31	0.010
60.00	8.10	19.80	3.55	0.007	24	0.007
120.00	7.00	20.60	2.67	0.005	18	0.005
240.00	6.10	20.70	1.80	0.003	12	0.003
1014.00	6.60	18.80	1.78	0.002	12	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.62	1.62	94
#40	0.017	0.42	1.06	2.68	90
#60	0.010	0.25	0.61	3.29	87
#100	0.006	0.15	0.29	3.58	86
#200	0.003	0.07	0.19	3.77	85
Pan			22.15	25.92	0

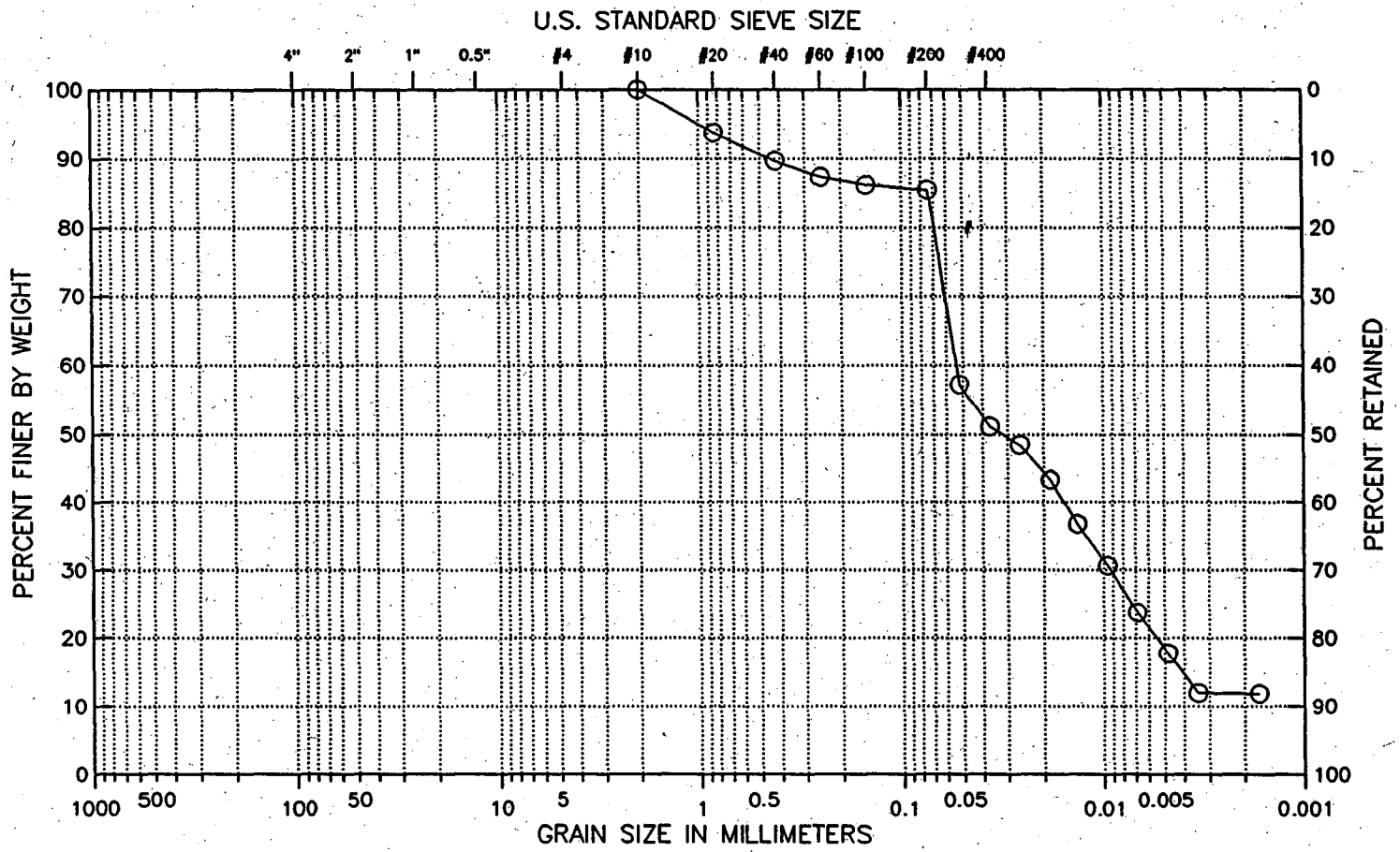
Total Dry Weight of Sample = 35.16

D85 : 0.0736 mm
D60 : 0.0537 mm
D50 : 0.0317 mm
D30 : 0.0093 mm
D15 : 0.0041 mm
D10 : 0.0000 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

1805

Boring No. : ---	Project : NAS Pensacola #960055
Sample No: 041M52A101	Project No.: GTX-964
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 01/25/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black organic silt

Figure 1

1804

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-964
Boring No. : ---
Sample No. : 041M52D101
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/25/96
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 64.88 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.20	18.90	6.41	0.053	10	0.053
2.00	10.10	18.90	5.31	0.037	8	0.037
4.00	9.10	18.90	4.31	0.027	7	0.027
8.00	8.80	19.00	4.04	0.019	6	0.019
15.00	7.90	19.00	3.14	0.014	5	0.014
31.00	7.40	19.10	2.66	0.010	4	0.010
60.00	7.00	19.50	2.37	0.007	4	0.007
120.00	6.10	20.30	1.69	0.005	3	0.005
272.00	5.20	20.70	0.90	0.003	1	0.003
1010.00	4.90	18.90	0.11	0.002	0	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	1.16	1.16	98
#40	0.017	0.42	6.01	7.17	89
#60	0.010	0.25	27.69	34.86	46
#100	0.006	0.15	18.17	53.03	18
#200	0.003	0.07	0.91	53.94	17
Pan			10.94	64.88	0

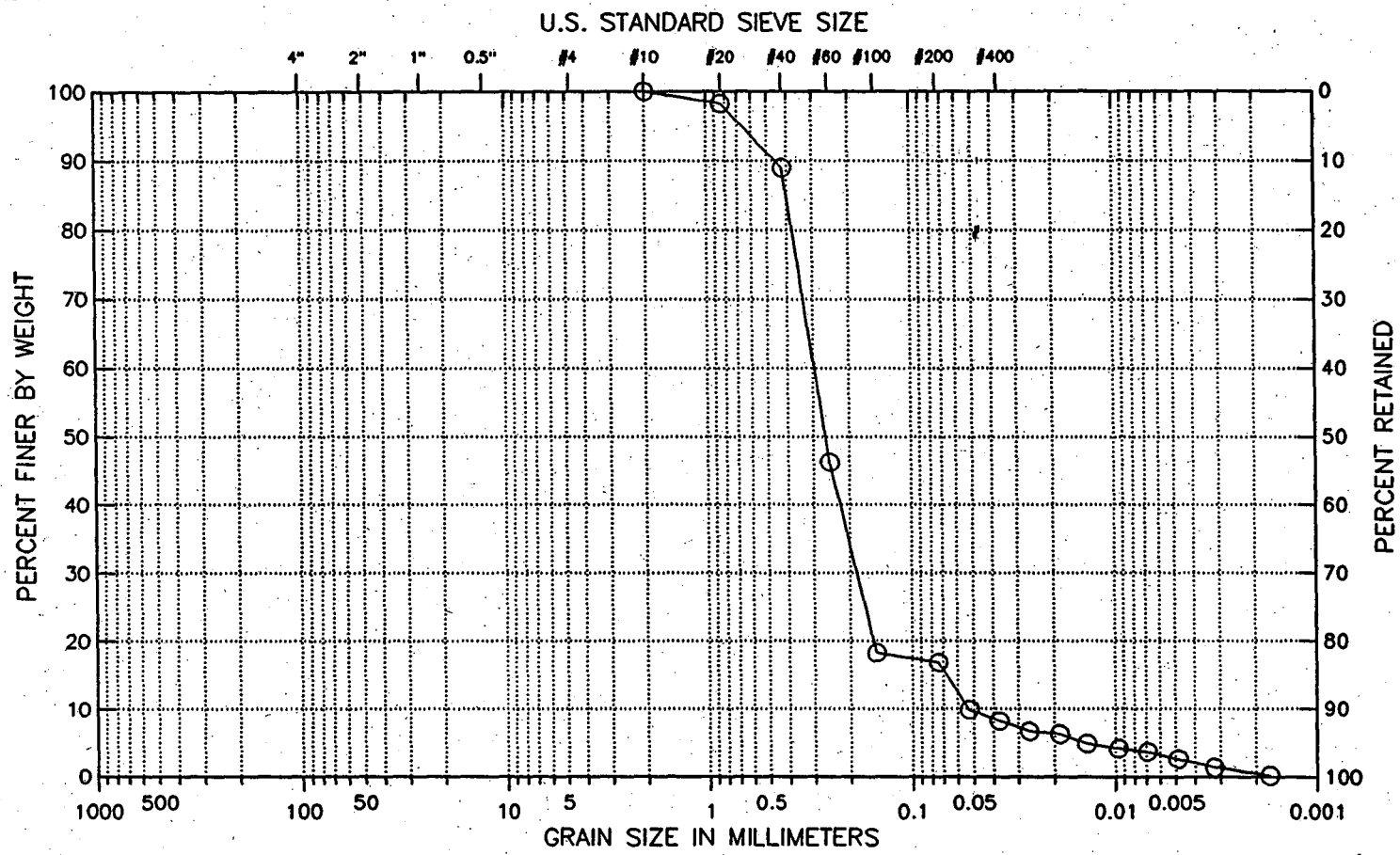
Total Dry Weight of Sample = 74.03

D85 : 0.4003 mm
D60 : 0.2954 mm
D50 : 0.2616 mm
D30 : 0.1851 mm
D15 : 0.0676 mm
D10 : 0.0529 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

1807

Boring No. : ---	Project : NAS Pensacola #960055
Sample No.: 041M52D101	Project No.: GTX-964
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 01/25/96



Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-964
Boring No. : ---
Sample No. : 041M52E101
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/25/96
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 68.06 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	7.10	19.00	2.34	0.054	3	0.054
2.00	6.20	19.00	1.44	0.038	2	0.038
4.00	6.10	19.00	1.34	0.027	2	0.027
9.00	6.00	19.00	1.24	0.018	2	0.018
15.00	5.80	19.10	1.06	0.014	2	0.014
30.00	5.10	19.30	0.42	0.010	1	0.010

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.08	0.08	100
#40	0.017	0.42	8.17	8.25	88
#60	0.010	0.25	37.26	45.51	33
#100	0.006	0.15	14.09	59.60	12
#200	0.003	0.07	1.01	60.61	11
Pan			7.45	68.06	0

Total Dry Weight of Sample = 77.27

D85 : 0.4087 mm
D60 : 0.3225 mm
D50 : 0.2933 mm
D30 : 0.2312 mm
D15 : 0.1589 mm
D10 : 0.0711 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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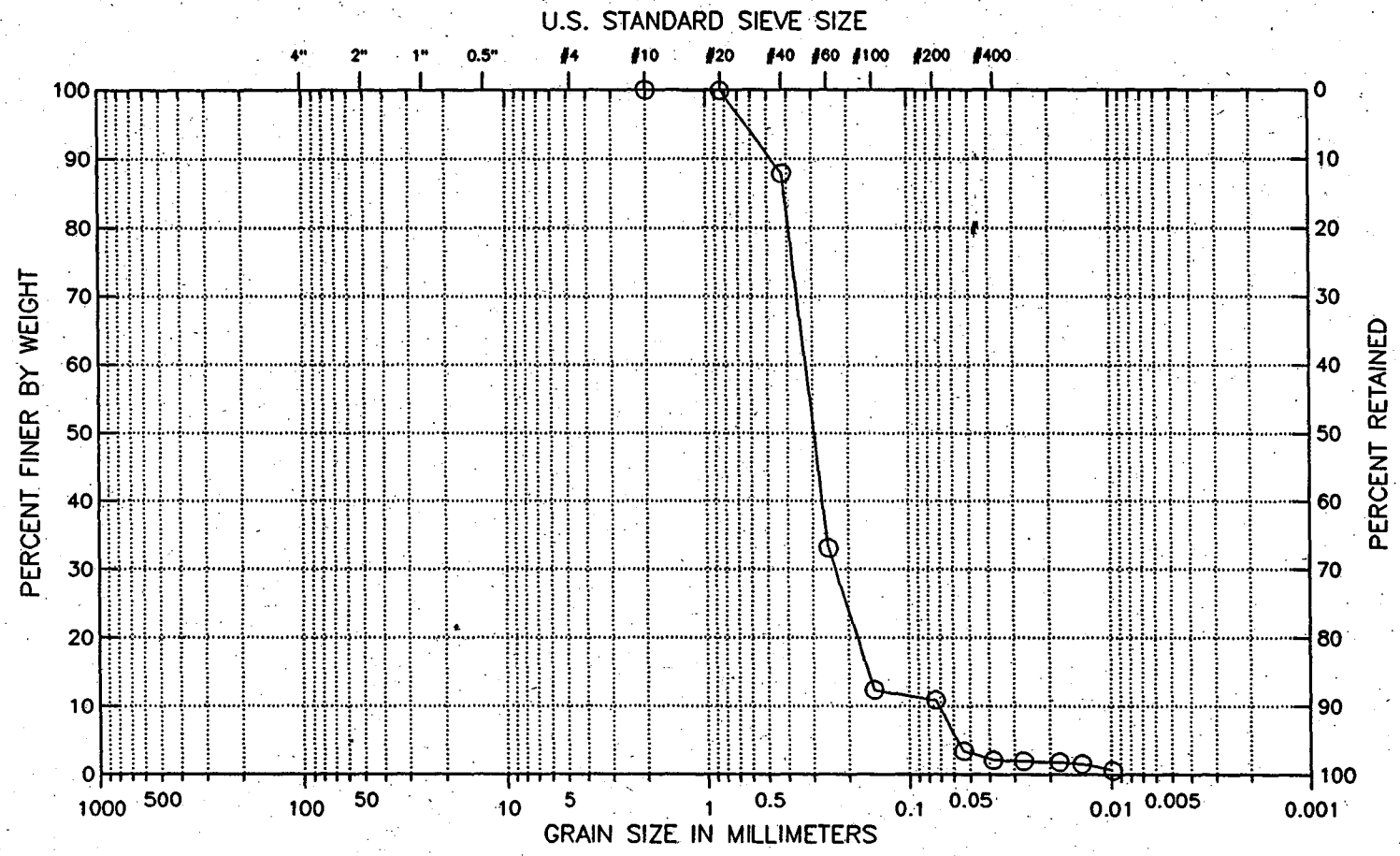
Boring No. : --- Sample No: 041M52E101 Test Method ASTM D422 Filename : 03	Project : NAS Pensacola #960055 Project No.: GTX-964 Location: Pensacola, FL Test Date 01/25/96



Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-964
Boring No. : ---
Sample No. : 041M52E201
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/25/96
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 64.37 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	14.90	18.90	10.11	0.051	16	0.051
2.00	14.00	18.90	9.21	0.037	14	0.037
4.00	12.20	18.90	7.41	0.026	12	0.026
8.00	11.10	18.90	6.31	0.019	10	0.019
15.00	10.20	19.00	5.44	0.014	8	0.014
30.00	9.10	19.10	4.36	0.010	7	0.010
60.00	8.10	19.50	3.47	0.007	5	0.007
120.00	7.10	20.40	2.72	0.005	4	0.005
266.00	6.30	20.70	2.00	0.003	3	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.94	0.94	99
#40	0.017	0.42	6.09	7.03	89
#60	0.010	0.25	23.02	30.05	53
#100	0.006	0.15	18.59	48.64	24
#200	0.003	0.07	1.20	49.84	23
Pan			14.53	64.37	0

Total Dry Weight of Sample = 73.58

D85 : 0.3959 mm
D60 : 0.2755 mm
D50 : 0.2356 mm
D30 : 0.1646 mm
D15 : 0.0431 mm
D10 : 0.0193 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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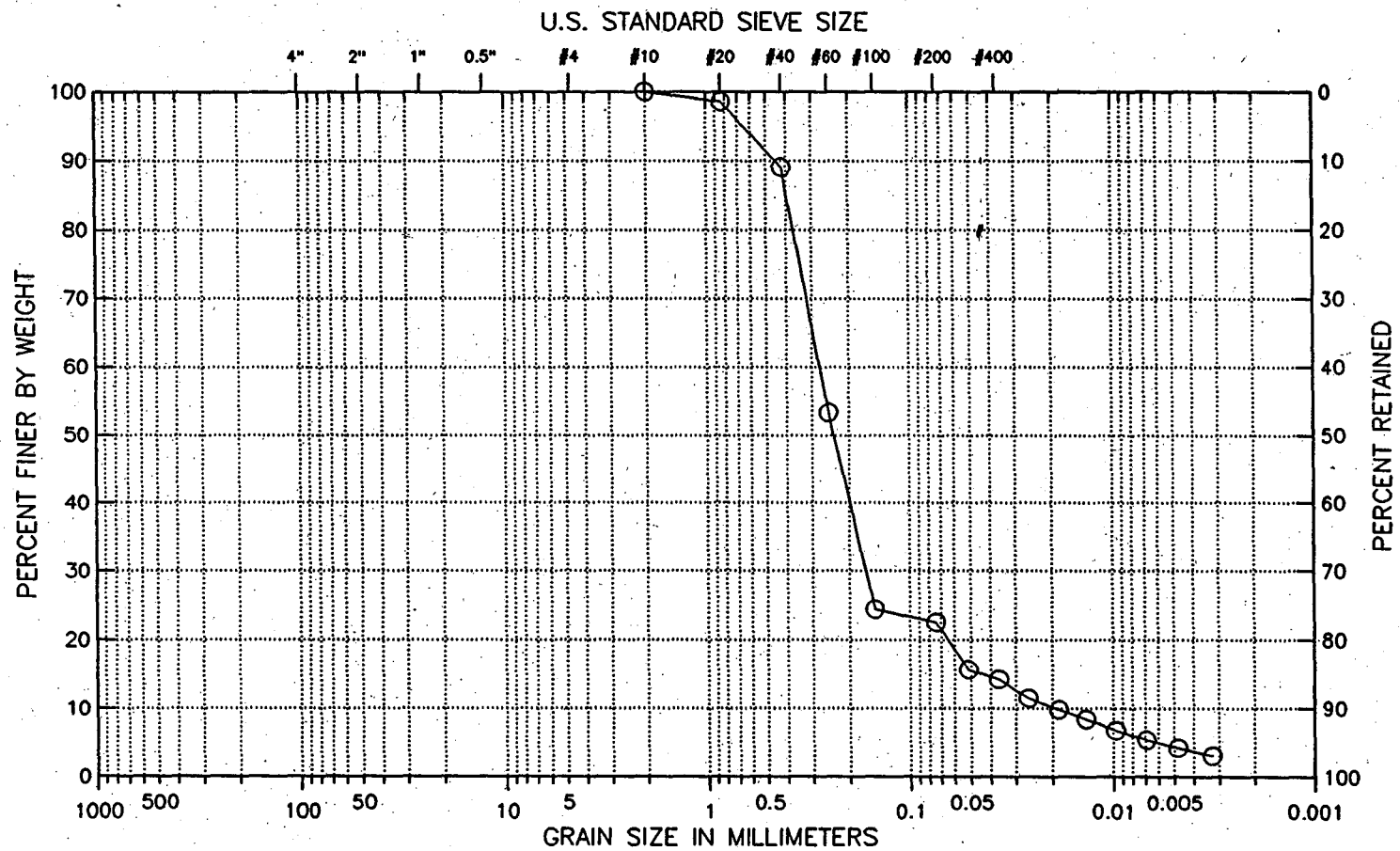
Boring No. : --- Sample No: 041M52E201 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #960055 Project No.: GTX-964 Location: Pensacola, FL Test Date 01/25/96



Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041M52E301
Location : Pensacola, FL
Soil Description : Brown sand with silt and organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : gph
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.66	0.66	100
#20	0.033	0.84	1.78	2.44	98
#40	0.017	0.42	28.81	31.25	79
#60	0.010	0.25	78.64	109.89	26
#100	0.006	0.15	26.71	136.60	8
#200	0.003	0.07	1.08	137.68	8
Pan			11.29	148.97	0

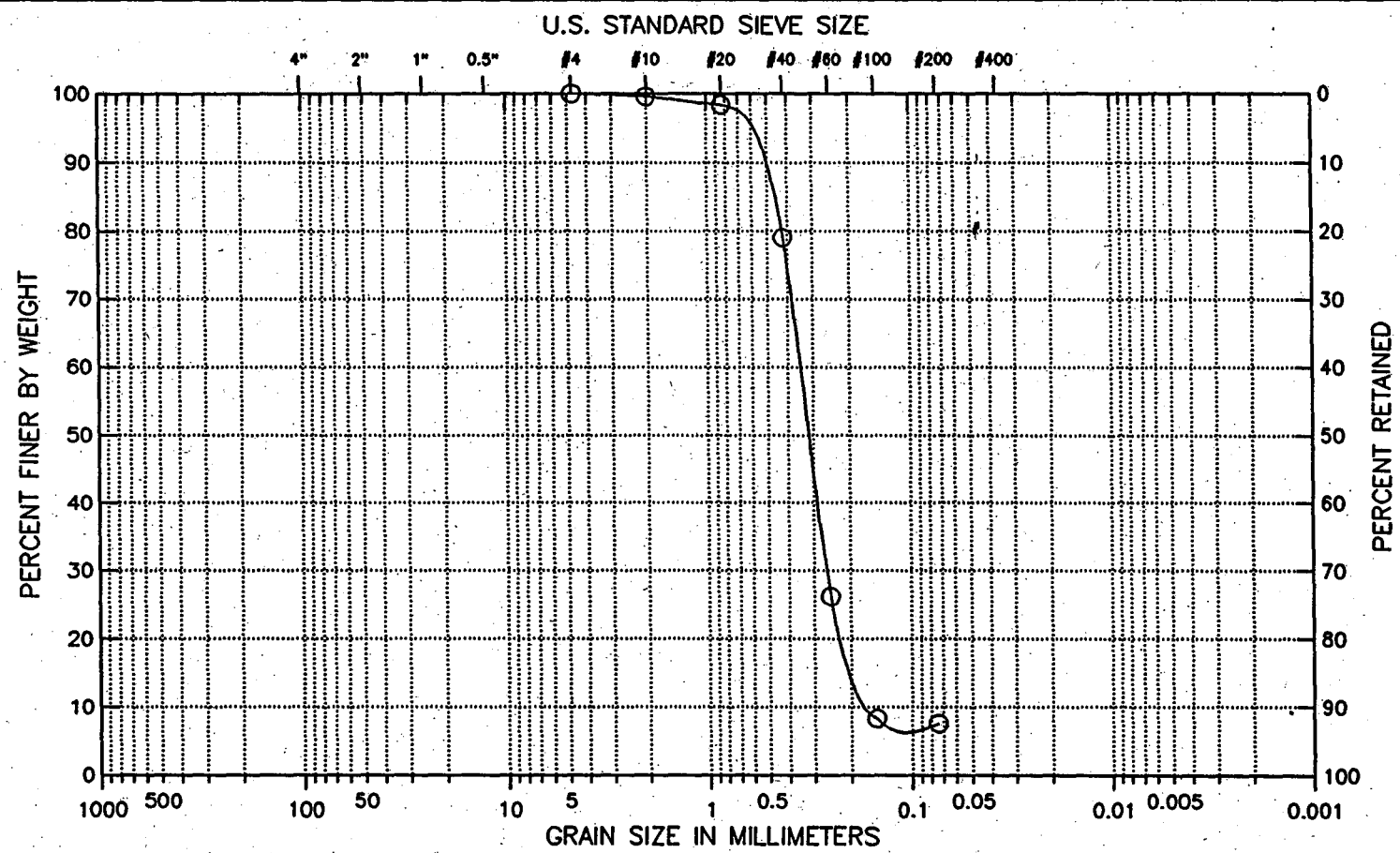
Total Dry Weight of Sample = 158.33

D85 : 0.5205 mm
D60 : 0.3484 mm
D50 : 0.3158 mm
D30 : 0.2594 mm
D15 : 0.1808 mm
D10 : 0.1565 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1820

Boring No. : --- Sample No: 041M52E301 Test Method ASTM D422 Filename : 04	Project : NAS Pensacola #960055 Project No.: GTX-969 Location: Pensacola, FL Test Date 02/01/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Brown sand with silt and organics

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041M56A101
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 169.06 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	16.50	20.30	12.09	0.050	7	0.050
2.00	15.10	20.30	10.69	0.036	6	0.036
4.00	14.40	20.30	9.99	0.025	6	0.025
8.00	13.90	20.30	9.49	0.018	6	0.018
15.00	12.20	20.20	7.76	0.013	5	0.013
30.00	11.00	20.20	6.56	0.009	4	0.009
60.00	9.80	20.60	5.47	0.007	3	0.007
142.00	8.00	21.70	3.97	0.004	2	0.004
256.00	7.20	21.80	3.20	0.003	2	0.003
957.00	6.00	20.40	1.62	0.002	1	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.48	0.48	100
#40	0.017	0.42	20.73	21.21	87
#60	0.010	0.25	99.62	120.83	29
#100	0.006	0.15	29.83	150.66	11
#200	0.003	0.07	2.13	152.79	10
Pan			16.27	169.06	0

Total Dry Weight of Sample = 178.76

D85 : 0.4110 mm
D60 : 0.3298 mm
D50 : 0.3020 mm
D30 : 0.2533 mm
D15 : 0.1681 mm
D10 : 0.0912 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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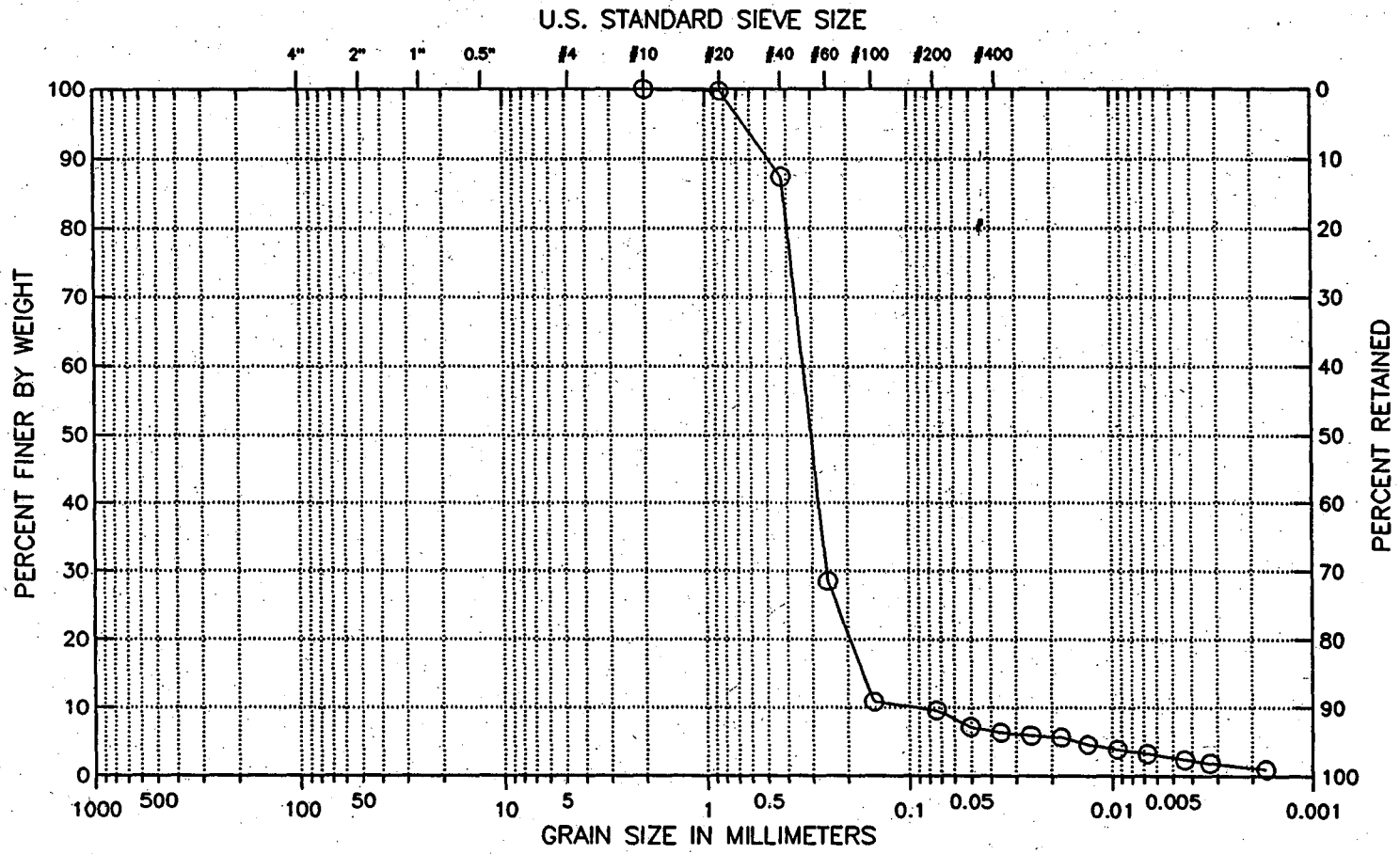
Boring No. : ---	Project : NAS Pensacola #960055
Sample No: 041M56A101	Project No.: GTX-969
Test Method ASTM D422	Location: Pensacola, FL
Filename : 05	Test Date 02/01/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 5

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950991
Project No. : GTX-929
Boring No. : ---
Sample No. : 041M570101
Location : Pensacola, FL
Soil Description : Dark brown, silty med-fine sand with organics
Remarks : ---

Depth : ---
Test Date : 12/04/95
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : rl
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 72.83 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.50	20.00	6.83	0.051	9	0.051
2.00	11.00	20.00	5.33	0.037	7	0.037
4.00	10.30	20.00	4.63	0.026	6	0.026
8.00	10.00	20.00	4.33	0.018	6	0.018
15.00	9.70	20.00	4.03	0.014	6	0.014
30.00	9.60	20.40	4.07	0.010	6	0.010
60.00	9.30	20.60	3.84	0.007	5	0.007
120.00	9.20	20.80	3.81	0.005	5	0.005
240.00	9.20	20.50	3.70	0.003	5	0.003
1062.00	9.20	18.90	3.14	0.002	4	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.57	0.57	99
#40	0.017	0.42	10.43	11.00	85
#60	0.010	0.25	45.73	56.73	22
#100	0.006	0.15	7.79	64.52	11
#200	0.003	0.07	0.36	64.88	11
Pan			7.95	72.83	0

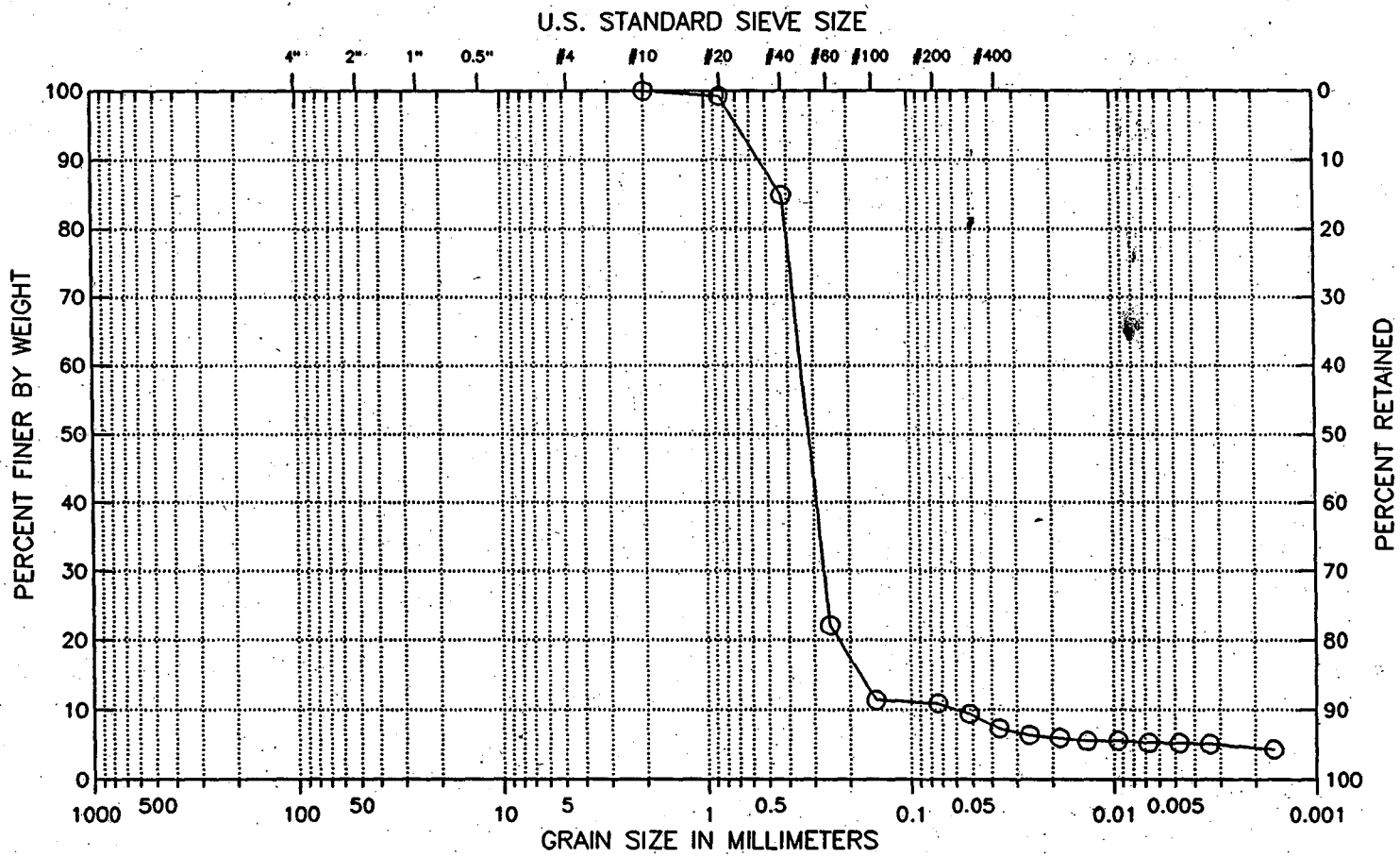
Total Dry Weight of Sample = 82.12

D85 : 0.4221 mm
D60 : 0.3419 mm
D50 : 0.3148 mm
D30 : 0.2668 mm
D15 : 0.1773 mm
D10 : 0.0596 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

2035

Boring No. : ---	Project : NAS Pensacola #950991
Sample No: 041M570101	Project No.: GTX-929
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 12/04/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

2
Classification :

Remarks :

3
Visual Description :
Dark brown, silty med-fine sand with organics

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041M580101
Location : Pensacola, FL

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Brown medium sand with trace silt, organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.28	0.28	100
#20	0.033	0.84	1.06	1.34	99
#40	0.017	0.42	54.51	55.85	63
#60	0.010	0.25	89.54	145.39	5
#100	0.006	0.15	4.44	149.83	2
#200	0.003	0.07	0.17	150.00	2
Pan			2.47	152.47	0

Total Dry Weight of Sample = 161.83

D85 : 0.6393 mm
D60 : 0.4077 mm
D50 : 0.3732 mm
D30 : 0.3128 mm
D15 : 0.2740 mm
D10 : 0.2621 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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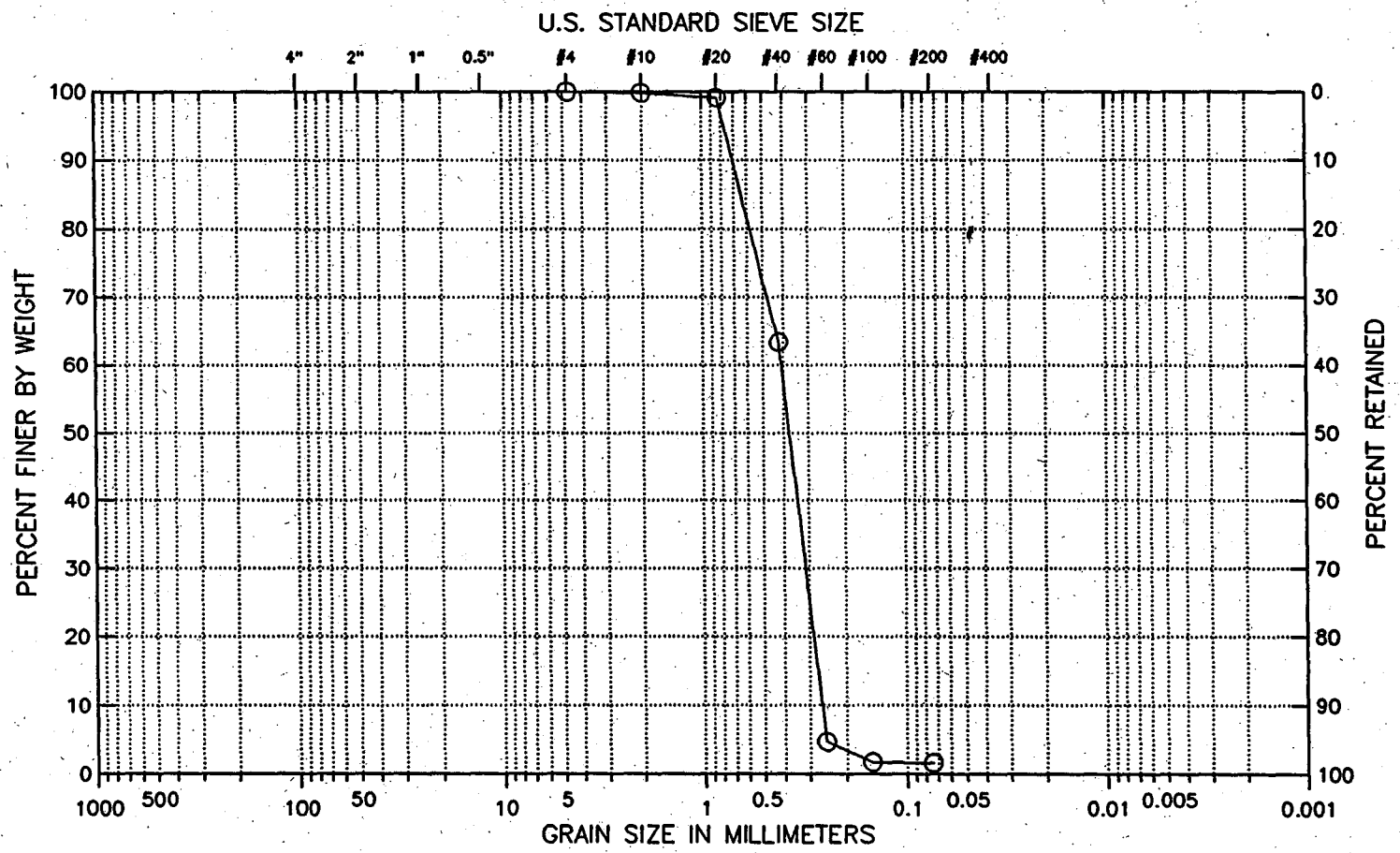
Boring No. : --- Sample No: 041M580101 Test Method ASTM D422 Filename : 06	Project : NAS Pensacola #960055 Project No.: GTX-969 Location: Pensacola, FL Test Date 02/01/96



Classification :
(SP) Poorly graded sand
Visual Description :
Brown medium sand with trace silt, organics

Remarks :
Hydrometer not required, fines < 10%

Figure 6

1823

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-960
Boring No. : ---
Sample No. : 041M63A101
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Dark grayish brown sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

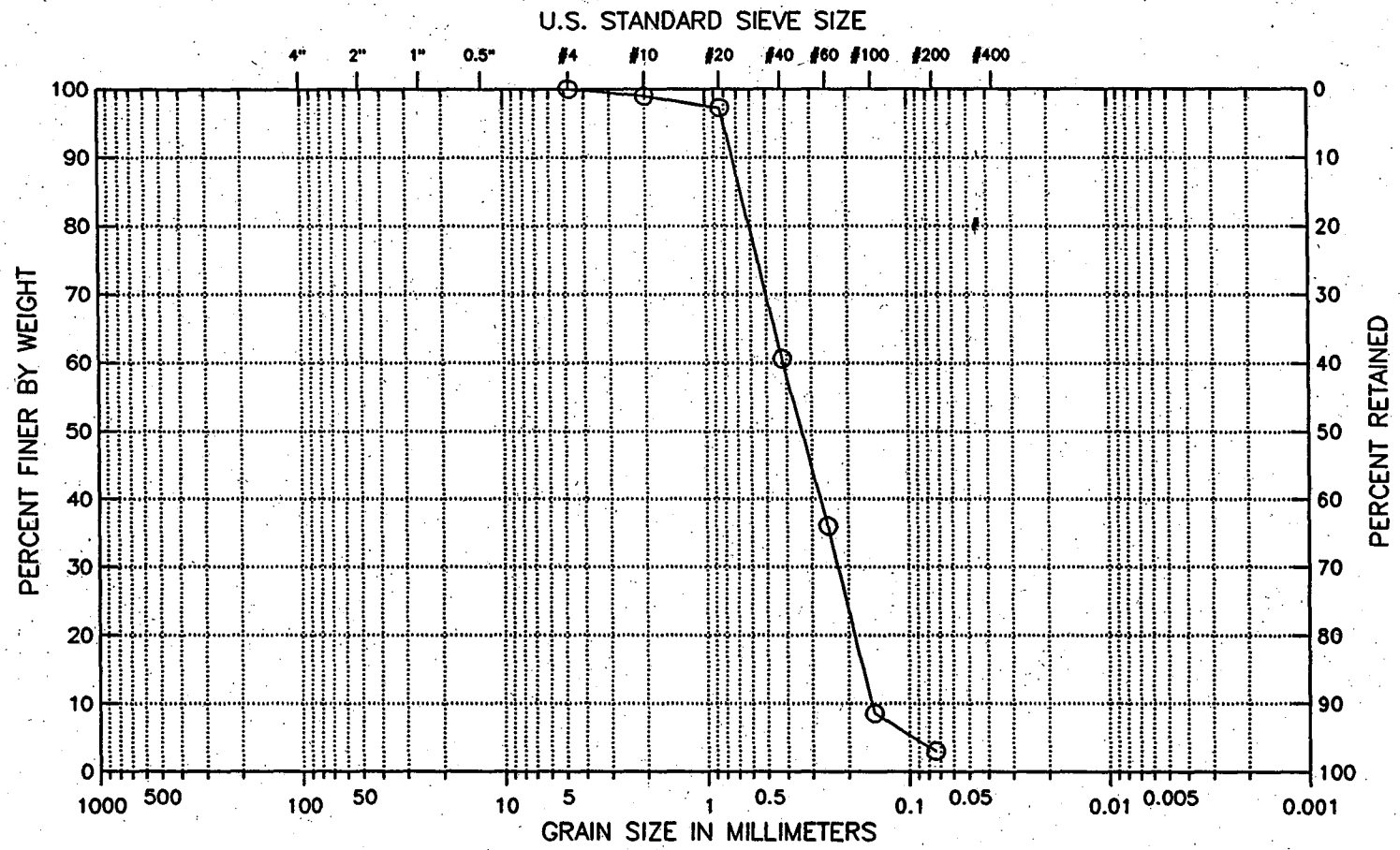
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.40	1.40	99
#20	0.033	0.84	2.35	3.75	97
#40	0.017	0.42	48.73	52.48	61
#60	0.010	0.25	32.75	85.23	36
#100	0.006	0.15	36.65	121.88	9
#200	0.003	0.07	7.39	129.27	3
Pan			3.98	133.25	0

Total Dry Weight of Sample = 142.48

D85 : 0.6673 mm
D60 : 0.4146 mm
D50 : 0.3357 mm
D30 : 0.2232 mm
D15 : 0.1683 mm
D10 : 0.1532 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---	Project : NAS Pensacola #960025
Sample No.: 041M63A101	Project No.: GTX-960
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Dark grayish brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 1

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1864

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-960
Boring No. : ---
Sample No. : 041M63A201
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Dark grayish brown sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.10	1.10	99
#20	0.033	0.84	4.27	5.37	95
#40	0.017	0.42	52.29	57.66	50
#60	0.010	0.25	42.83	100.49	13
#100	0.006	0.15	11.80	112.29	3
#200	0.003	0.07	1.61	113.90	1
Pan			1.65	115.55	0

Total Dry Weight of Sample = 124.74

D85 : 0.7175 mm
D60 : 0.4889 mm
D50 : 0.4194 mm
D30 : 0.3170 mm
D15 : 0.2570 mm
D10 : 0.2144 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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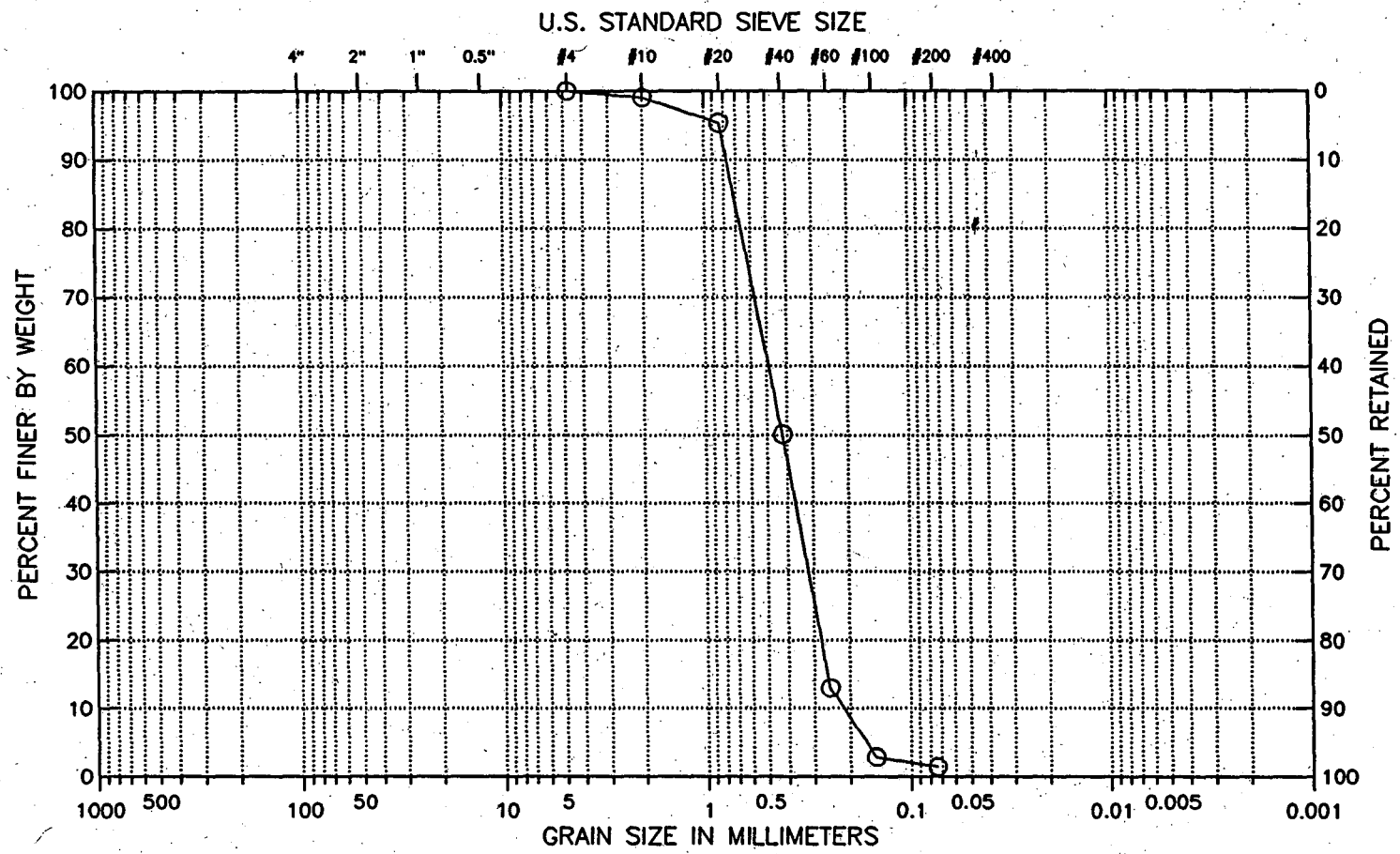
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041M63A201	Project No.: GTX-960
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Dark grayish brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960025
Project No. : GTX-960
Boring No. : ---
Sample No. : 041M63A301
Location : Pensacola, FL
Soil Description : Dark brown sand with organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	2.11	2.11	92
#20	0.033	0.84	4.37	6.48	75
#40	0.017	0.42	10.61	17.09	33
#60	0.010	0.25	6.33	23.42	8
#100	0.006	0.15	0.91	24.33	4
#200	0.003	0.07	0.42	24.75	3
Pan			0.70	25.45	0

Total Dry Weight of Sample = 34.71

D85 : 1.4257 mm
D60 : 0.6601 mm
D50 : 0.5589 mm
D30 : 0.3958 mm
D15 : 0.2894 mm
D10 : 0.2608 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

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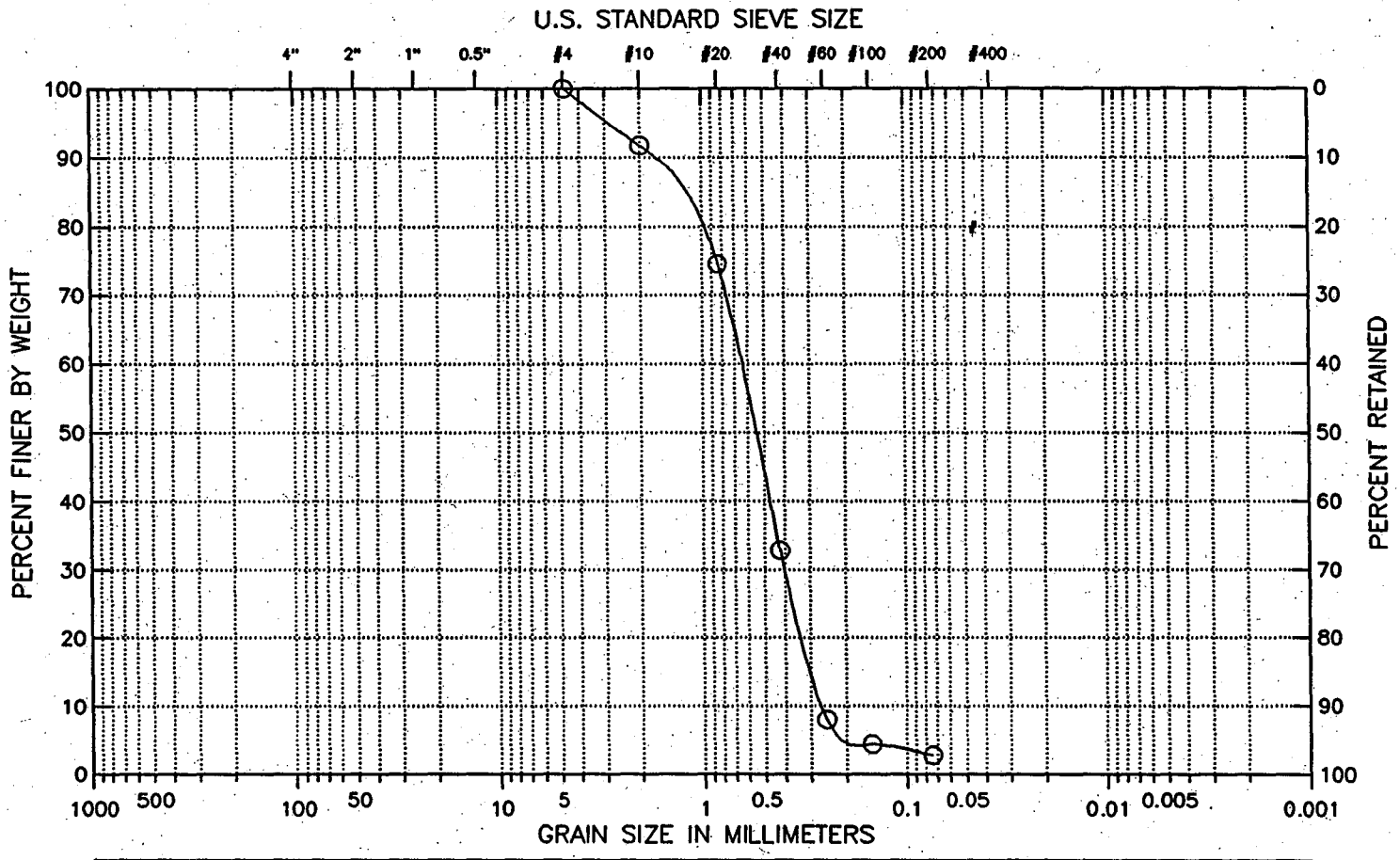
Boring No. : ---	Project : NAS Pensacola #960025
Sample No: 041M63A301	Project No.: GTX-960
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Dark brown sand with organics

Remarks :
Hydrometer not required, fines < 10%

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M63A401
Location : Pensacola, FL
Soil Description : Light olive brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 24 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.10	18.60	5.23	0.053	22	0.053
2.00	8.10	18.60	3.23	0.038	13	0.038
4.00	7.10	18.60	2.23	0.027	9	0.027
8.00	6.10	18.60	1.23	0.019	5	0.019
15.00	5.10	18.60	0.23	0.014	1	0.014

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.25	0.25	99
#40	0.017	0.42	4.76	5.01	79
#60	0.010	0.25	5.28	10.29	57
#100	0.006	0.15	3.10	13.39	44
#200	0.003	0.07	1.16	14.55	39
Pan			9.45	24.00	0

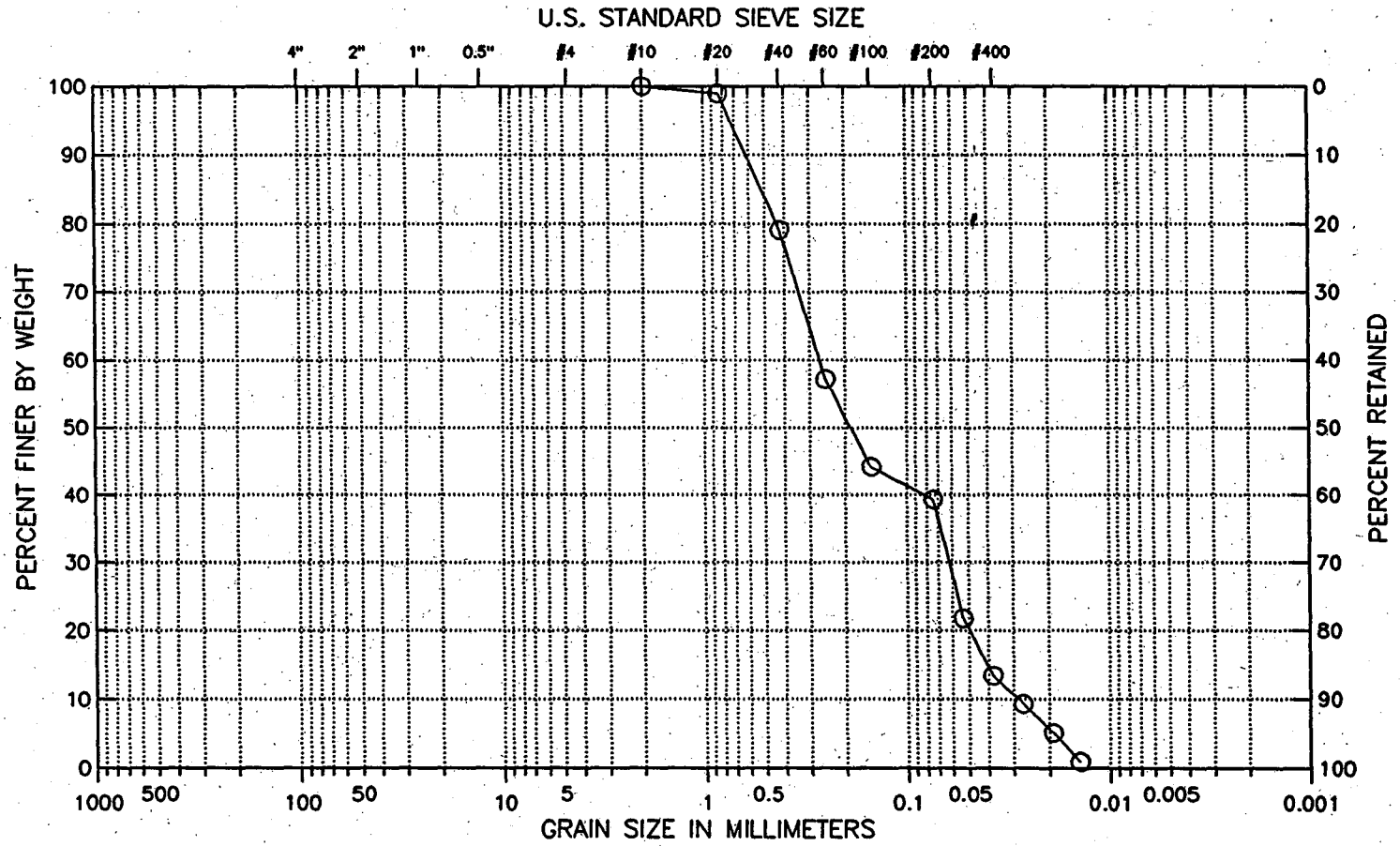
Total Dry Weight of Sample = 33.23

D85 : 0.5159 mm
D60 : 0.2675 mm
D50 : 0.1879 mm
D30 : 0.0620 mm
D15 : 0.0404 mm
D10 : 0.0286 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

1510

Boring No. : ---	Project : NAS Pensacola #960039
Sample No.: 041M63A401	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 01/24/96



Classification :

Remarks :

Visual Description :
Light olive brown silty sand with organics

Figure 1

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M63A501
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 02
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Dark grayish brown medium sand with sea shells
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	1.00	1.00	99
#10	0.079	2.00	1.22	2.22	98
#20	0.033	0.84	4.26	6.48	94
#40	0.017	0.42	62.15	68.63	32
#60	0.010	0.25	30.13	98.76	2
#100	0.006	0.15	0.83	99.59	1
#200	0.003	0.07	0.11	99.70	1
Pan		-	0.57	100.27	0

Total Dry Weight of Sample = 109.58

D85 : 0.7643 mm
D60 : 0.5776 mm
D50 : 0.5164 mm
D30 : 0.4089 mm
D15 : 0.3156 mm
D10 : 0.2895 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

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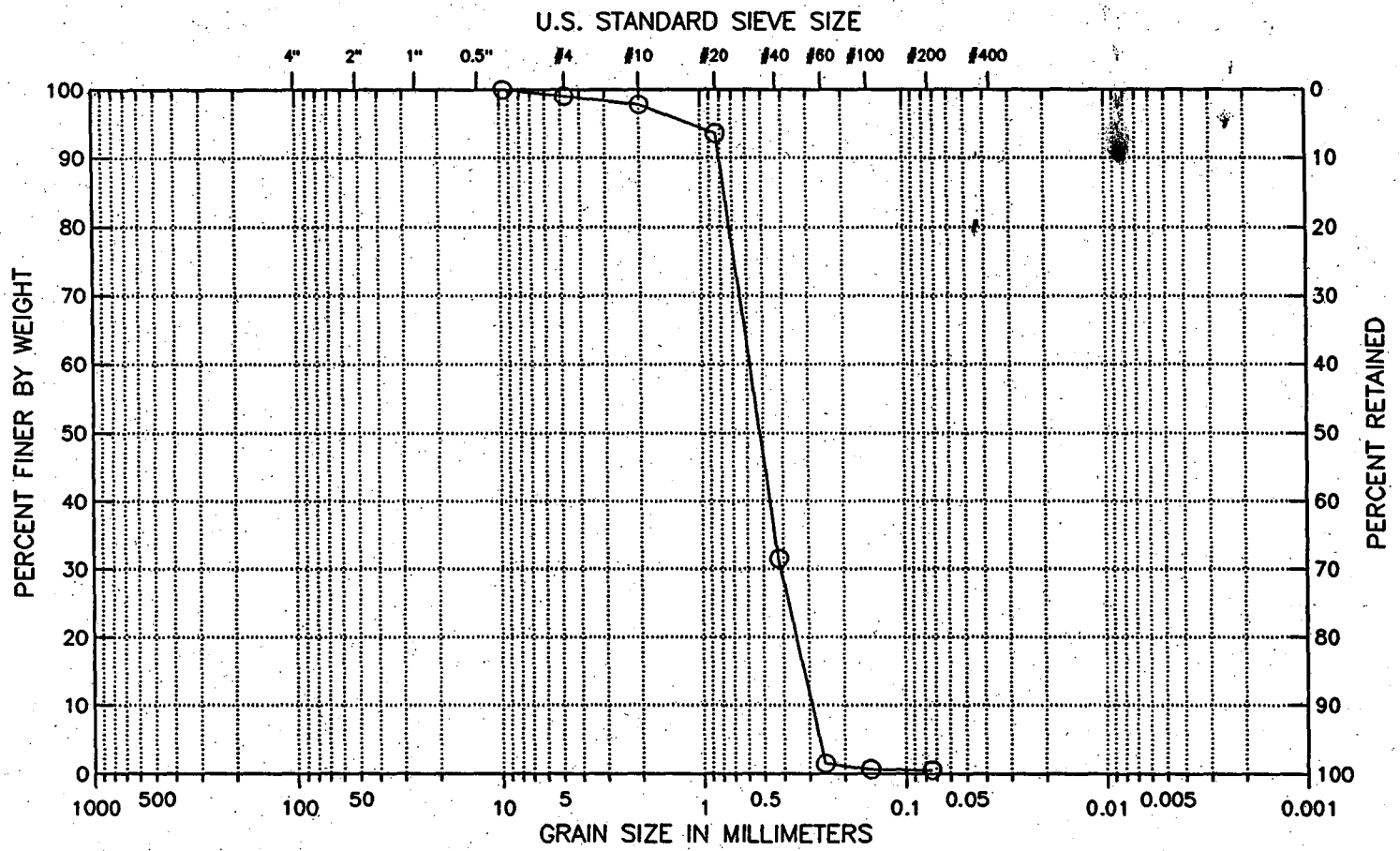
Boring No. : ---	Project : NAS Pensacola #960039
Sample No: 041M63A501	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 02	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Dark grayish brown medium sand with sea shells

Remarks :
Hydrometer not required, fines < 10%

Figure 2

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M63B101
Location : Pensacola, FL
Soil Description : Black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 21 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	7.50	16.50	2.30	0.055	11	0.055
2.00	7.10	16.50	1.90	0.039	9	0.039
4.00	6.80	16.50	1.60	0.028	8	0.028
8.00	6.40	16.50	1.20	0.020	6	0.020
15.00	5.80	16.50	0.60	0.014	3	0.014
30.00	5.50	18.50	0.60	0.010	3	0.010
60.00	5.30	19.10	0.56	0.007	3	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	2.58	2.58	95
#40	0.017	0.42	18.84	21.42	58
#60	0.010	0.25	15.10	36.52	28
#100	0.006	0.15	4.27	40.79	20
#200	0.003	0.07	0.60	41.39	19
Pan			9.61	51.00	0

Total Dry Weight of Sample = 60.28

D85 : 0.6977 mm
D60 : 0.4361 mm
D50 : 0.3651 mm
D30 : 0.2571 mm
D15 : 0.0643 mm
D10 : 0.0465 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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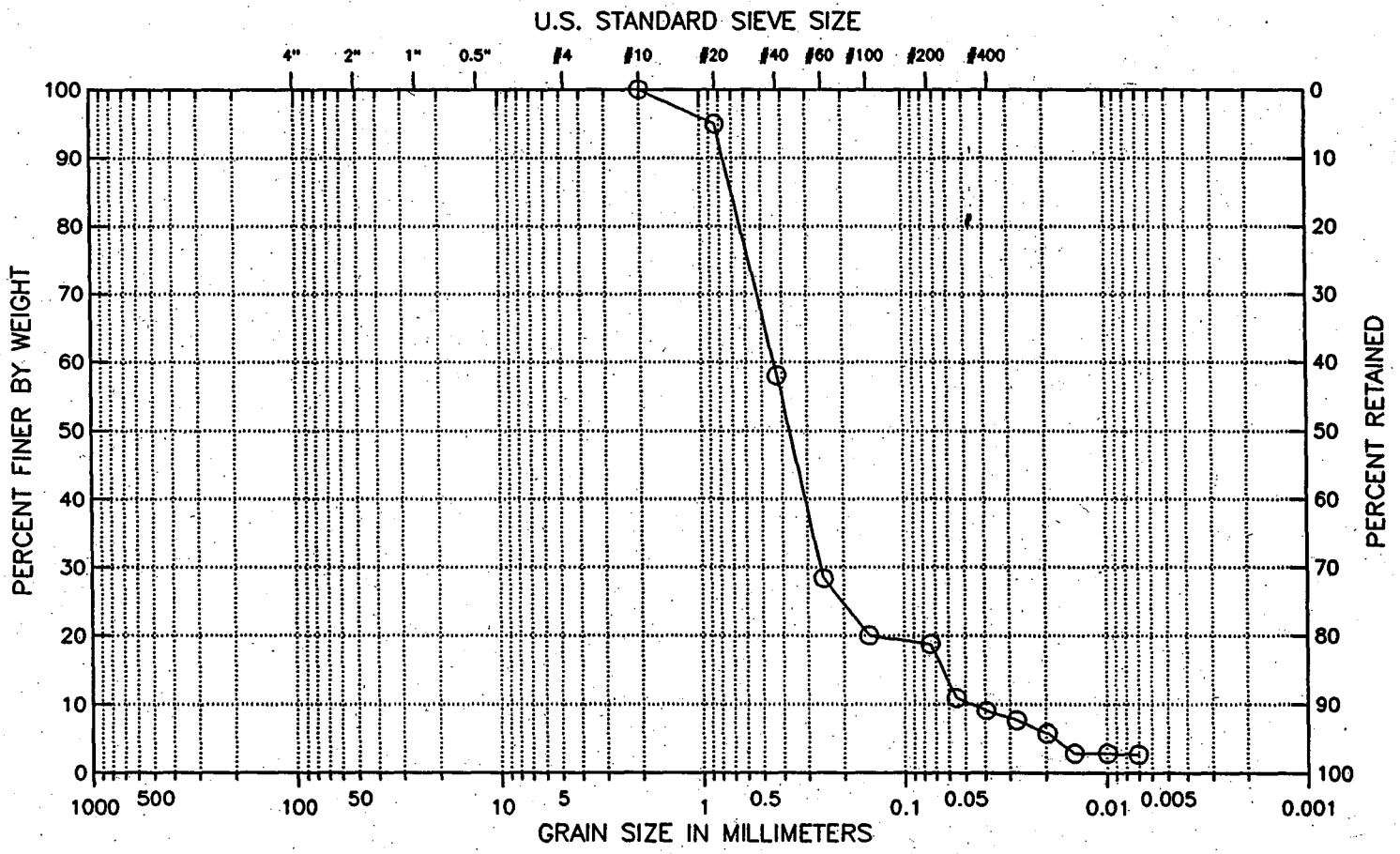
Boring No. : ---	Project : NAS Pensacola #960039
Sample No.: 041M63B101	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Black silty sand with organics

Figure 3

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M63B201
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Dark grayish brown sand with trace silt, organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.72	0.72	99
#20	0.033	0.84	0.72	1.44	99
#40	0.017	0.42	5.81	7.25	93
#60	0.010	0.25	29.45	36.70	63
#100	0.006	0.15	50.02	86.72	12
#200	0.003	0.07	9.68	96.40	2
Pan			2.31	98.71	0

Total Dry Weight of Sample = 100

D85 : 0.3677 mm
D60 : 0.2429 mm
D50 : 0.2193 mm
D30 : 0.1788 mm
D15 : 0.1534 mm
D10 : 0.1278 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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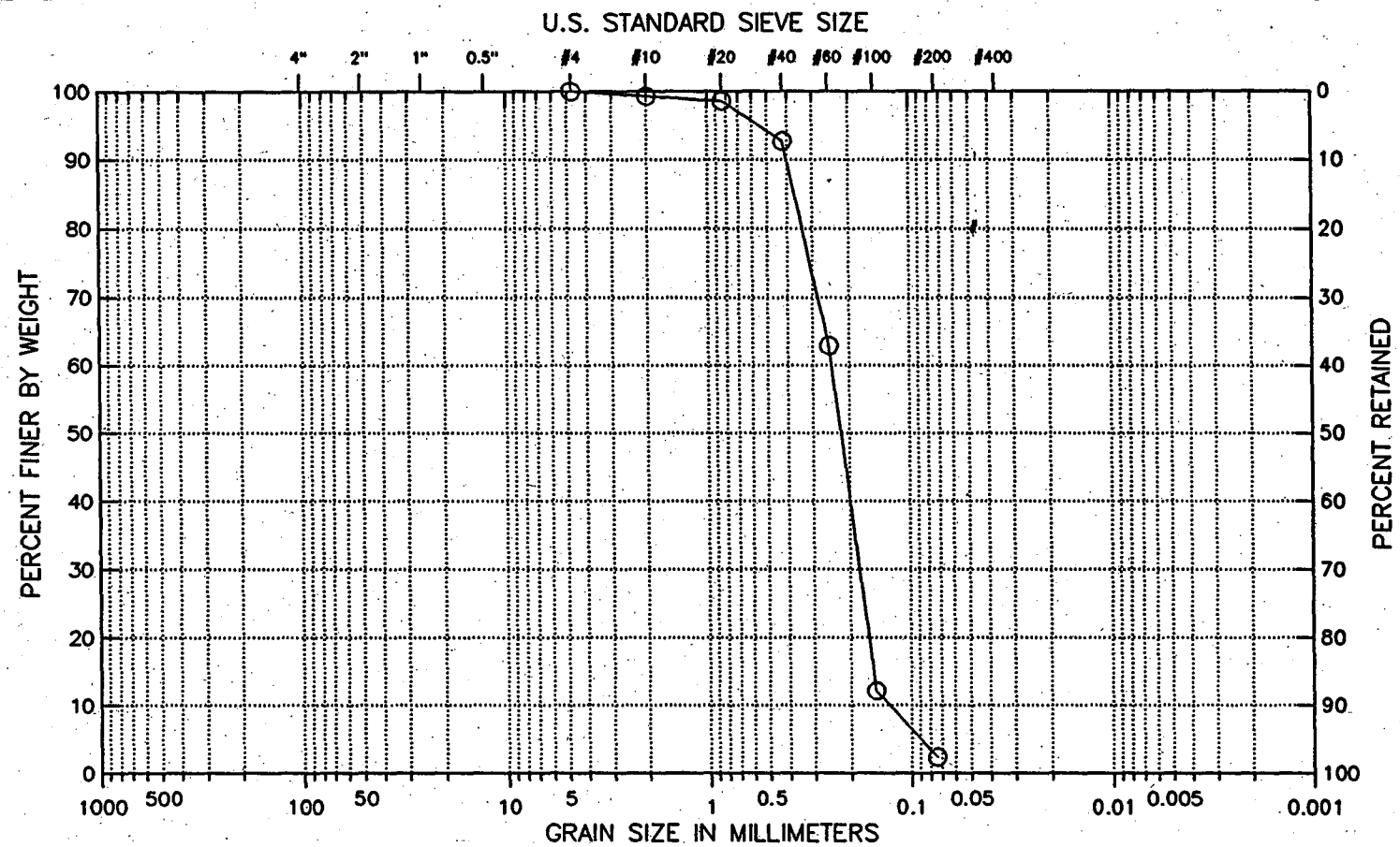
Boring No. : ---	Project : NAS Pensacola #960039
Sample No.: 041M63B201	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 01/24/96



Classification :
(SP) Poorly graded sand
Visual Description :
Dark grayish brown sand with trace silt, organics

Remarks :
Hydrometer not required, fines < 10%

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960039
Project No. : GTX-961
Boring No. : ---
Sample No. : 041M63B301
Location : Pensacola, FL

Depth : ---
Test Date : 01/24/96
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : gph
Checked by : gtt

Soil Description : Light yellowish brown medium sand w/ some organics
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.66	0.66	99
#10	0.079	2.00	0.99	1.65	98
#20	0.033	0.84	1.52	3.17	97
#40	0.017	0.42	42.64	45.81	53
#60	0.010	0.25	41.24	87.05	11
#100	0.006	0.15	9.23	96.28	2
#200	0.003	0.07	0.57	96.85	1
Pan			0.91	97.76	0

Total Dry Weight of Sample = 107.09

D85 : 0.6974 mm
D60 : 0.4685 mm
D50 : 0.4041 mm
D30 : 0.3160 mm
D15 : 0.2627 mm
D10 : 0.2372 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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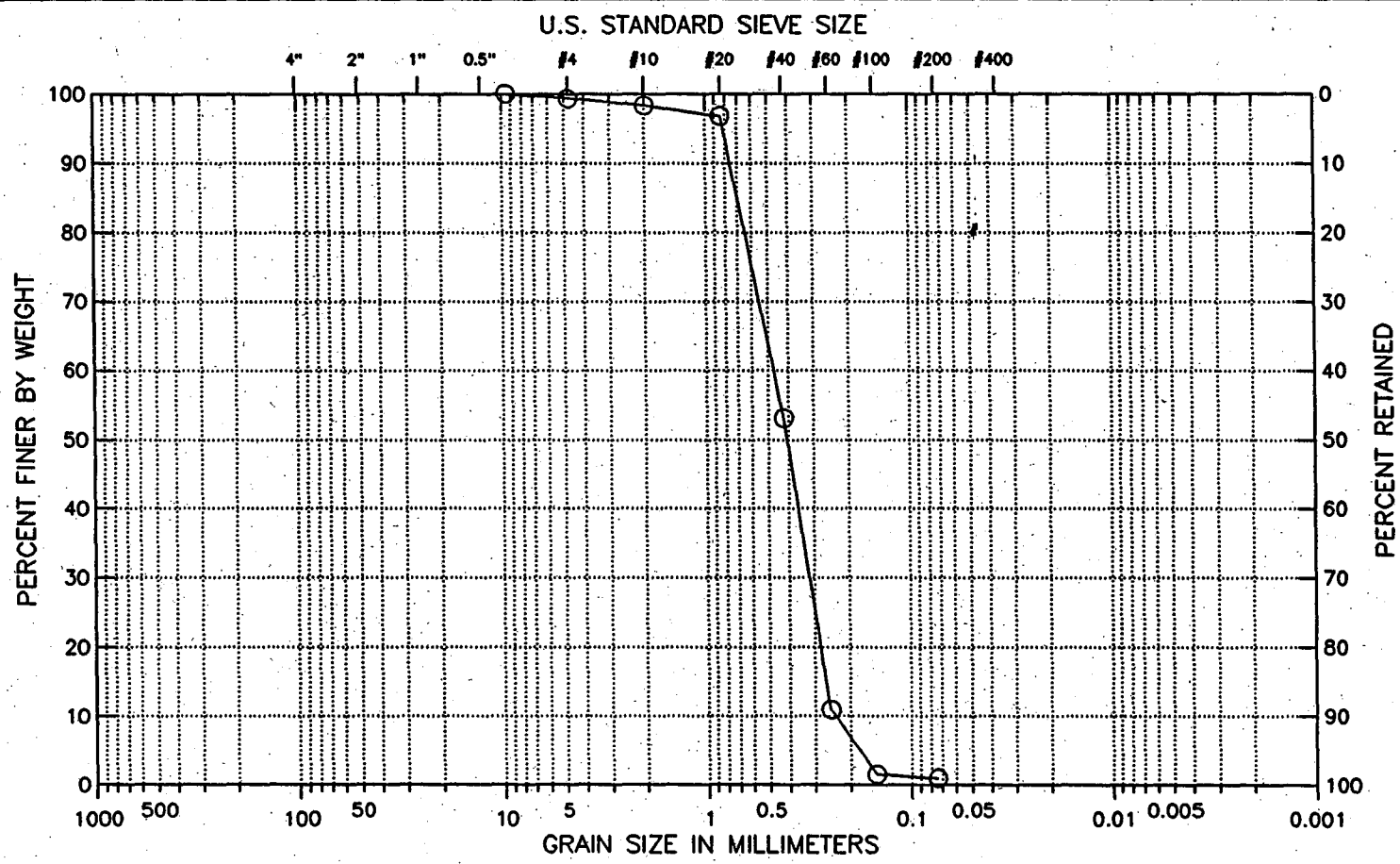
Boring No. : ---	Project : NAS Pensacola #960039
Sample No: 041M63B301	Project No.: GTX-961
Test Method ASTM D422	Location: Pensacola, FL
Filename : 05	Test Date 01/24/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand

Visual Description :
Light yellowish brown medium sand w/ some organics

Remarks :
Hydrometer not required, fines < 10%

Figure 5

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041M63B401
Location : Pensacola, FL
Soil Description : Pale brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 01
Elevation : ---
Tested by : gph
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.71	0.71	100
#40	0.017	0.42	57.93	58.64	72
#60	0.010	0.25	105.82	164.46	20
#100	0.006	0.15	39.31	203.77	1
#200	0.003	0.07	0.27	204.04	1
Pan			2.26	206.30	0

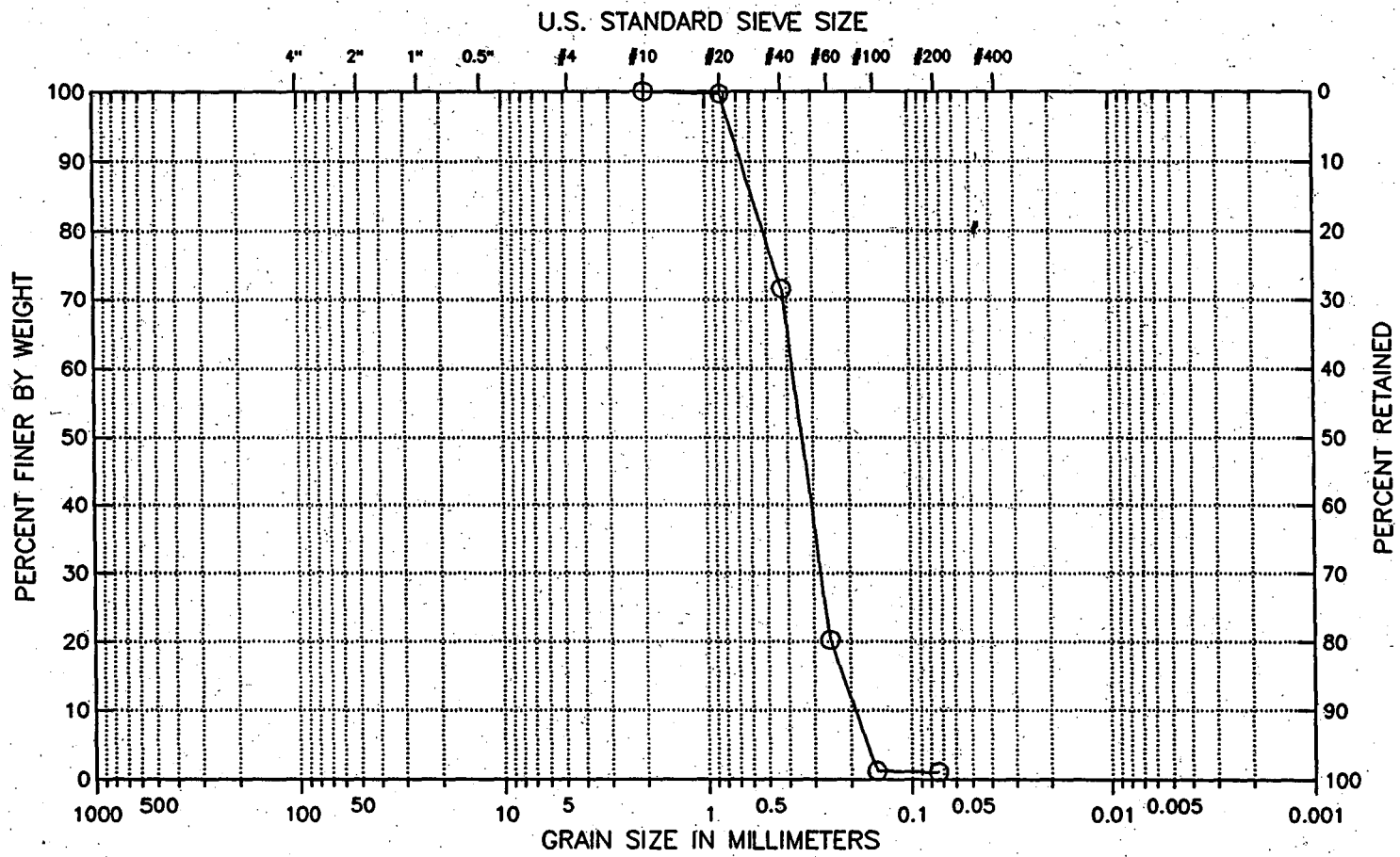
Total Dry Weight of Sample = 215.62

D85 : 0.5853 mm
D60 : 0.3736 mm
D50 : 0.3377 mm
D30 : 0.2758 mm
D15 : 0.2166 mm
D10 : 0.1891 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

1814

Boring No. : ---	Project : NAS Pensacola #960055
Sample No.: 041M63B401	Project No.: GTX-969
Test Method ASTM D422	Location: Pensacola, FL
Filename : 01	Test Date 02/01/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Pale brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 1

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1813

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640201
Location : Pensacola, FL
Soil Description : Saturated, dark brown sandy organic silt
Remarks : ---

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 12
Elevation : ---
Tested by : swj
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 12.85 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.10	20.40	5.57	0.052	43	0.052
2.00	10.30	20.40	4.77	0.037	37	0.037
4.00	9.30	20.40	3.77	0.026	29	0.026
8.00	8.70	20.40	3.17	0.019	25	0.019
15.00	8.30	20.40	2.77	0.014	22	0.014
30.00	8.00	20.40	2.47	0.010	19	0.010
60.00	7.70	20.30	2.13	0.007	17	0.007
120.00	7.10	20.20	1.50	0.005	12	0.005
240.00	6.80	19.80	1.06	0.003	8	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.10	0.10	99
#40	0.017	0.42	0.45	0.55	96
#60	0.010	0.25	1.69	2.24	84
#100	0.006	0.15	1.38	3.62	74
#200	0.003	0.07	0.34	3.96	71
Pan			9.89	13.85	0

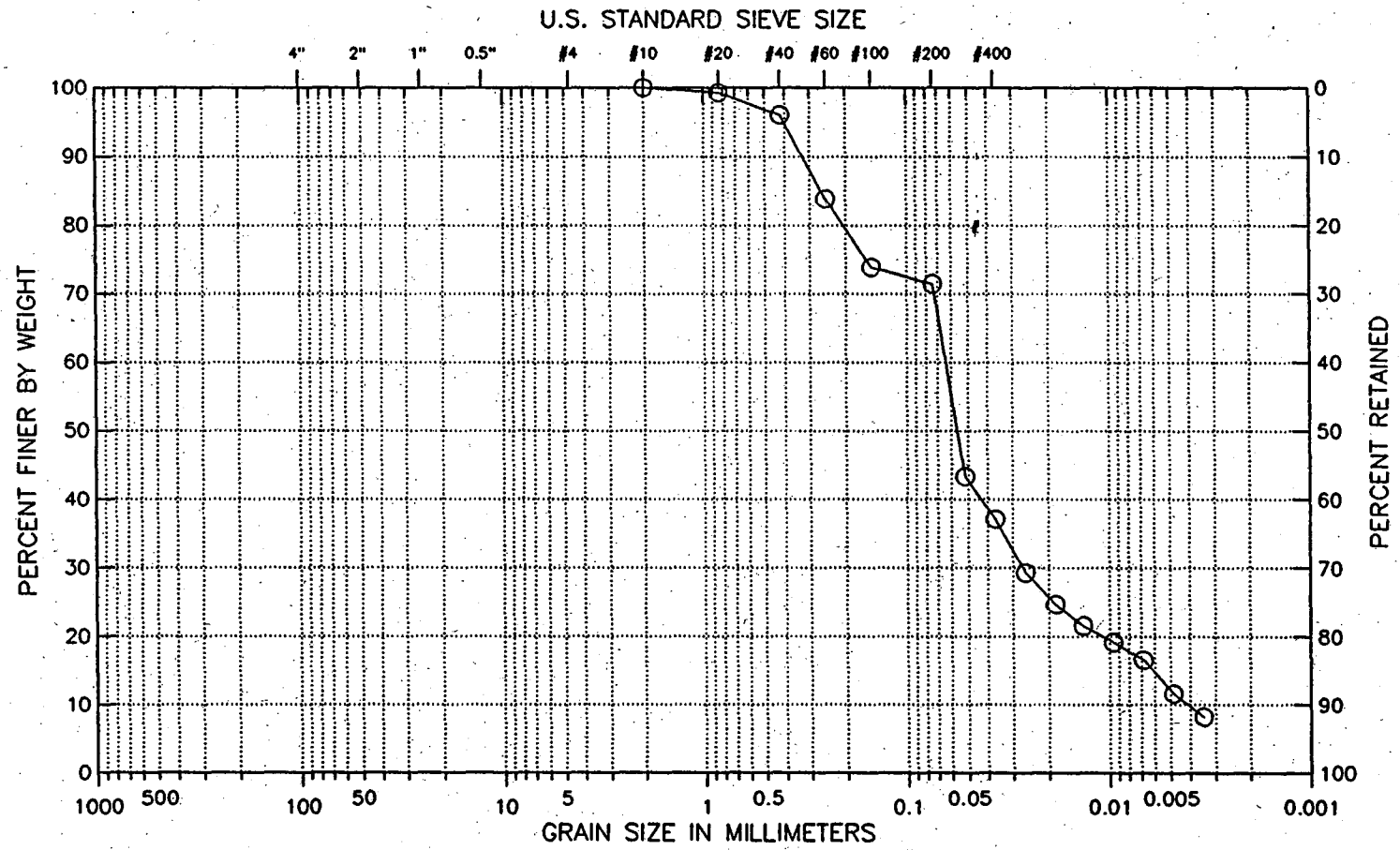
Total Dry Weight of Sample = 23

D85 : 0.2628 mm
D60 : 0.0639 mm
D50 : 0.0562 mm
D30 : 0.0268 mm
D15 : 0.0061 mm
D10 : 0.0041 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2639

Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M640201	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 12	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark brown sandy organic silt

Figure 12

2030

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640301
Location : Pensacola, FL
Soil Description : Saturated, dark brown sandy organic silt
Remarks : ---

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 13
Elevation : ---
Tested by : swj
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 6.95 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	9.10	20.40	3.57	0.052	51	0.052
2.00	8.40	20.40	2.87	0.037	41	0.037
4.00	8.10	20.40	2.57	0.026	37	0.026
8.00	8.00	20.40	2.47	0.019	36	0.019
15.00	7.10	20.30	1.53	0.014	22	0.014
30.00	6.50	20.30	0.93	0.010	13	0.010

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.37	0.37	95
#40	0.017	0.42	0.15	0.52	93
#60	0.010	0.25	0.19	0.71	91
#100	0.006	0.15	0.11	0.82	90
#200	0.003	0.07	0.13	0.95	88
Pan			7.00	7.95	0

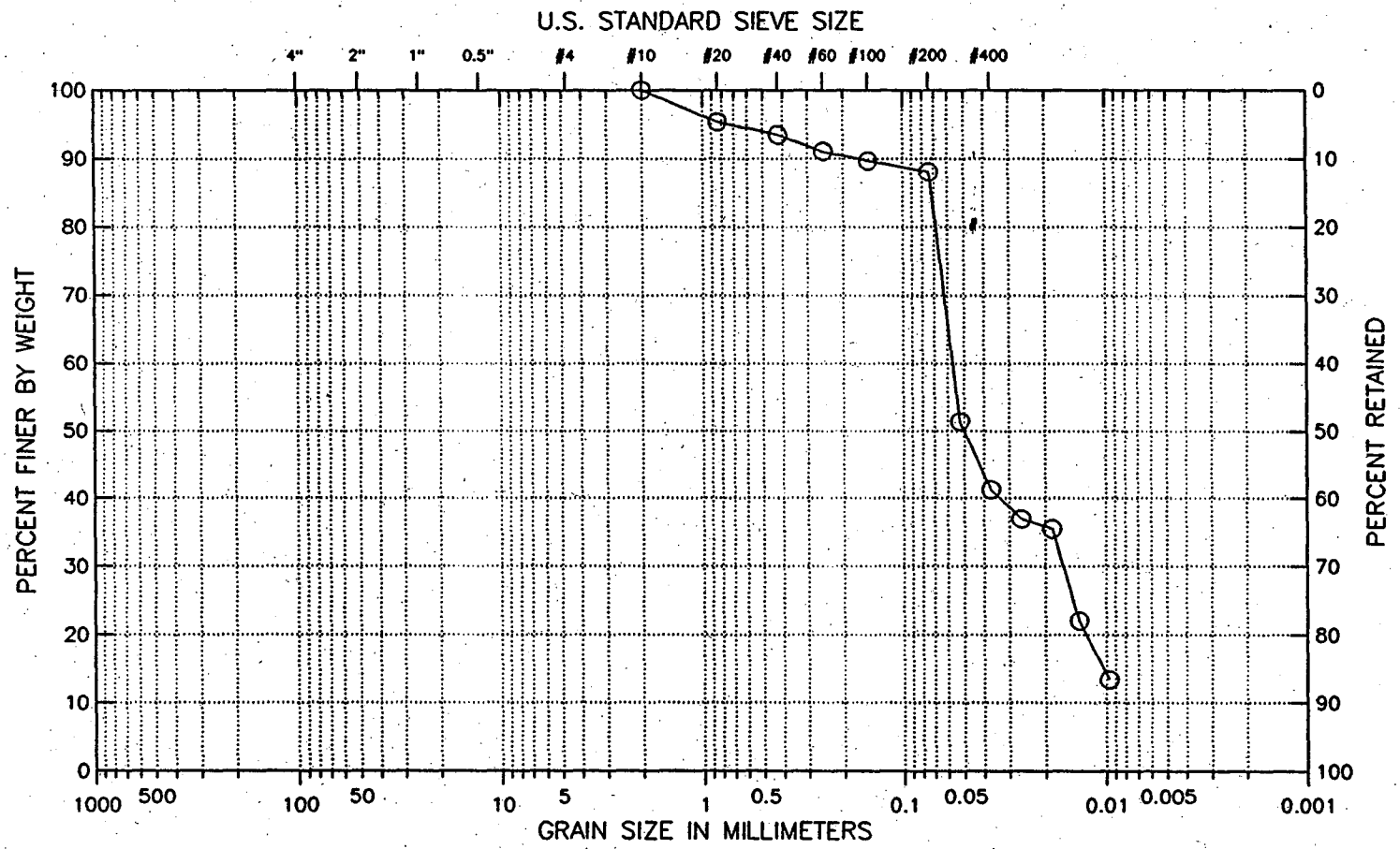
Total Dry Weight of Sample = 17.43

D85 : 0.0719 mm
D60 : 0.0567 mm
D50 : 0.0498 mm
D30 : 0.0164 mm
D15 : 0.0103 mm
D10 : 0.0085 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2641

Boring No. : --- Sample No: 041M640301 Test Method ASTM D422 Filename : 13	Project : NAS Pensacola #950941 Project No.: GTX-921 Location: Pensacola, FL Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark brown sandy organic silt

Figure 13

2610

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640501
Location : Pensacola, FL
Soil Description : Saturated, dark brown sand with silt, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 14
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.41	0.41	98
#20	0.033	0.84	1.43	1.84	93
#40	0.017	0.42	3.86	5.70	77
#60	0.010	0.25	10.32	16.02	35
#100	0.006	0.15	6.31	22.33	10
#200	0.003	0.07	0.80	23.13	7
Pan			1.69	24.82	0

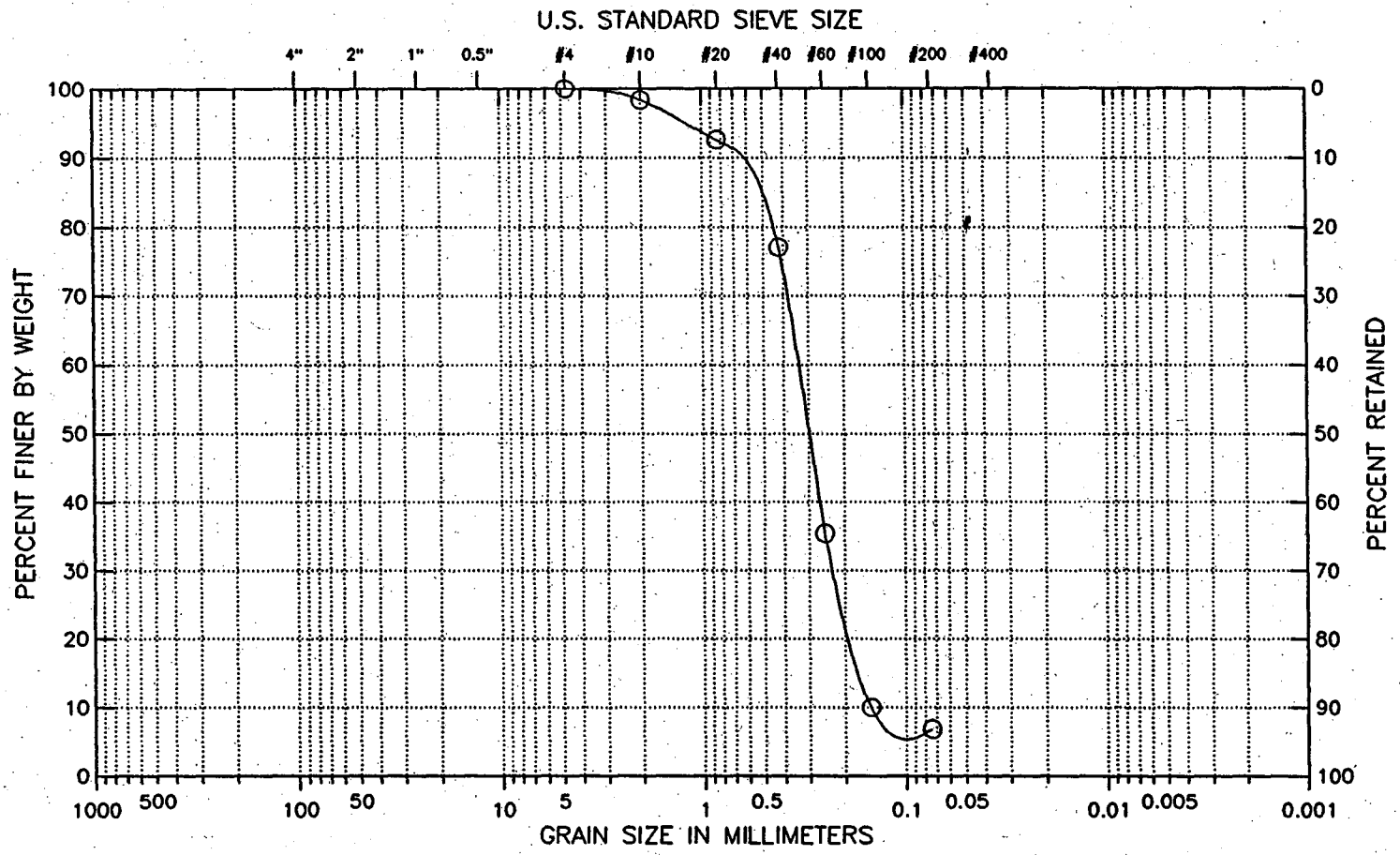
Total Dry Weight of Sample = 34.82

D85 : 0.5994 mm
D60 : 0.3396 mm
D50 : 0.2997 mm
D30 : 0.2237 mm
D15 : 0.1649 mm
D10 : 0.1480 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2643

Boring No. : ---	Project : NAS Pensacola #950941
Sample No: 041M640501	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 14	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Saturated, dark brown sand with silt, organics

Figure 14

2612

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640601
Location : Pensacola, FL
Soil Description : Saturated, black silty sand with organics
Remarks : ---

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 15
Elevation : ---
Tested by : swj
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 30.05 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	9.00	18.60	2.84	0.053	9	0.053
2.00	8.80	18.60	2.64	0.038	9	0.038
4.00	8.50	18.60	2.34	0.027	8	0.027
8.00	8.30	18.60	2.14	0.019	7	0.019
15.00	7.80	18.60	1.64	0.014	5	0.014
30.00	7.20	19.20	1.25	0.010	4	0.010
60.00	7.00	19.60	1.19	0.007	4	0.007
100.00	5.90	20.00	0.23	0.005	1	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.55	0.55	98
#20	0.033	0.84	1.04	1.59	95
#40	0.017	0.42	6.63	8.22	73
#60	0.010	0.25	13.24	21.46	29
#100	0.006	0.15	4.09	25.55	15
#200	0.003	0.07	0.39	25.94	14
Pan			4.11	30.05	0

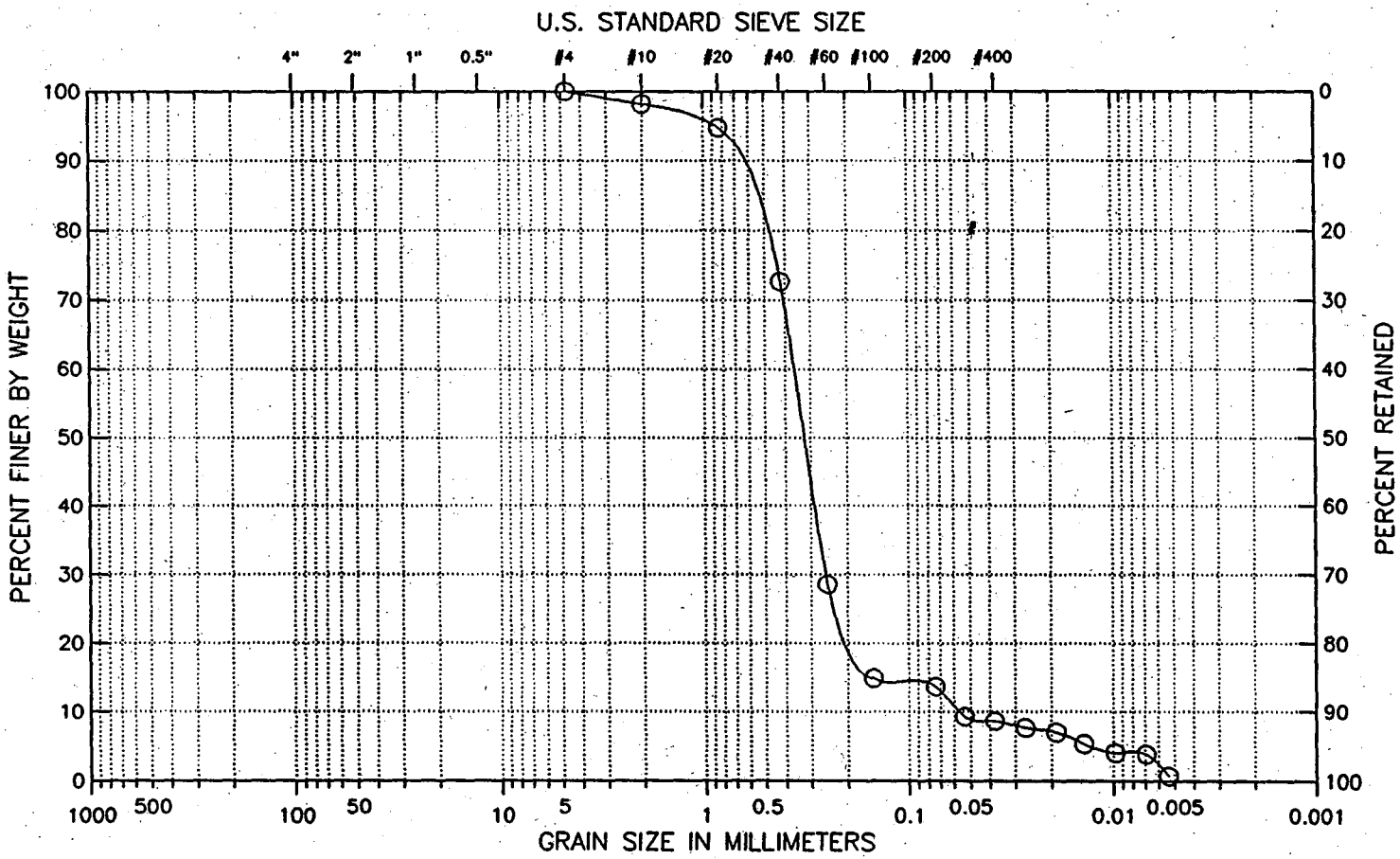
Total Dry Weight of Sample = 39.73

D85 : 0.6196 mm
D60 : 0.3619 mm
D50 : 0.3217 mm
D30 : 0.2542 mm
D15 : 0.1491 mm
D10 : 0.0564 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

2645

Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M640601	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 15	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, black silty sand with organics

Figure 15

2640

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640701
Location : Pensacola, FL
Soil Description : Saturated, dark brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 16
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	0.70	0.70	99
#10	0.079	2.00	0.22	0.92	98
#20	0.033	0.84	0.50	1.42	97
#40	0.017	0.42	6.80	8.22	85
#60	0.010	0.25	32.36	40.58	24
#100	0.006	0.15	10.99	51.57	4
#200	0.003	0.07	0.69	52.26	3
Pan			1.40	53.66	0

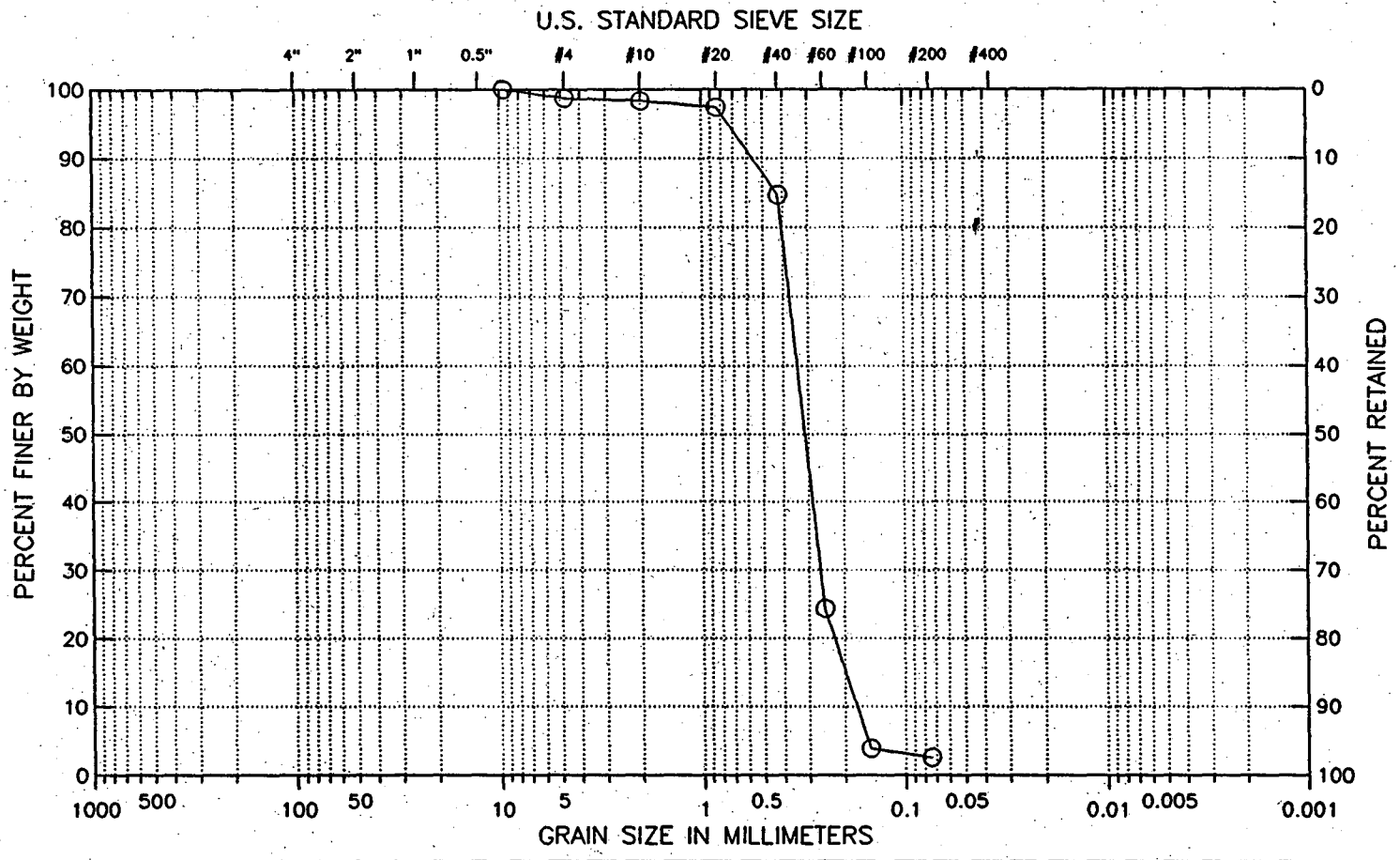
Total Dry Weight of Sample = 62.85

D85 : 0.4274 mm
D60 : 0.3397 mm
D50 : 0.3117 mm
D30 : 0.2624 mm
D15 : 0.1973 mm
D10 : 0.1739 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2647

Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M640701	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 16	Test Date 11/22/95



Classification :
(SP) Poorly graded sand
Visual Description :
Saturated, dark brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 16

2646

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M640901
Location : Pensacola, FL

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 17
Elevation : ---
Tested by : swj
Checked by : gtt

Soil Description : Saturated, light brown and dark gray sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.33	0.33	100
#20	0.033	0.84	1.27	1.60	98
#40	0.017	0.42	43.43	45.03	46
#60	0.010	0.25	29.40	74.43	10
#100	0.006	0.15	5.83	80.26	3
#200	0.003	0.07	0.28	80.54	3
Pan			2.13	82.67	0

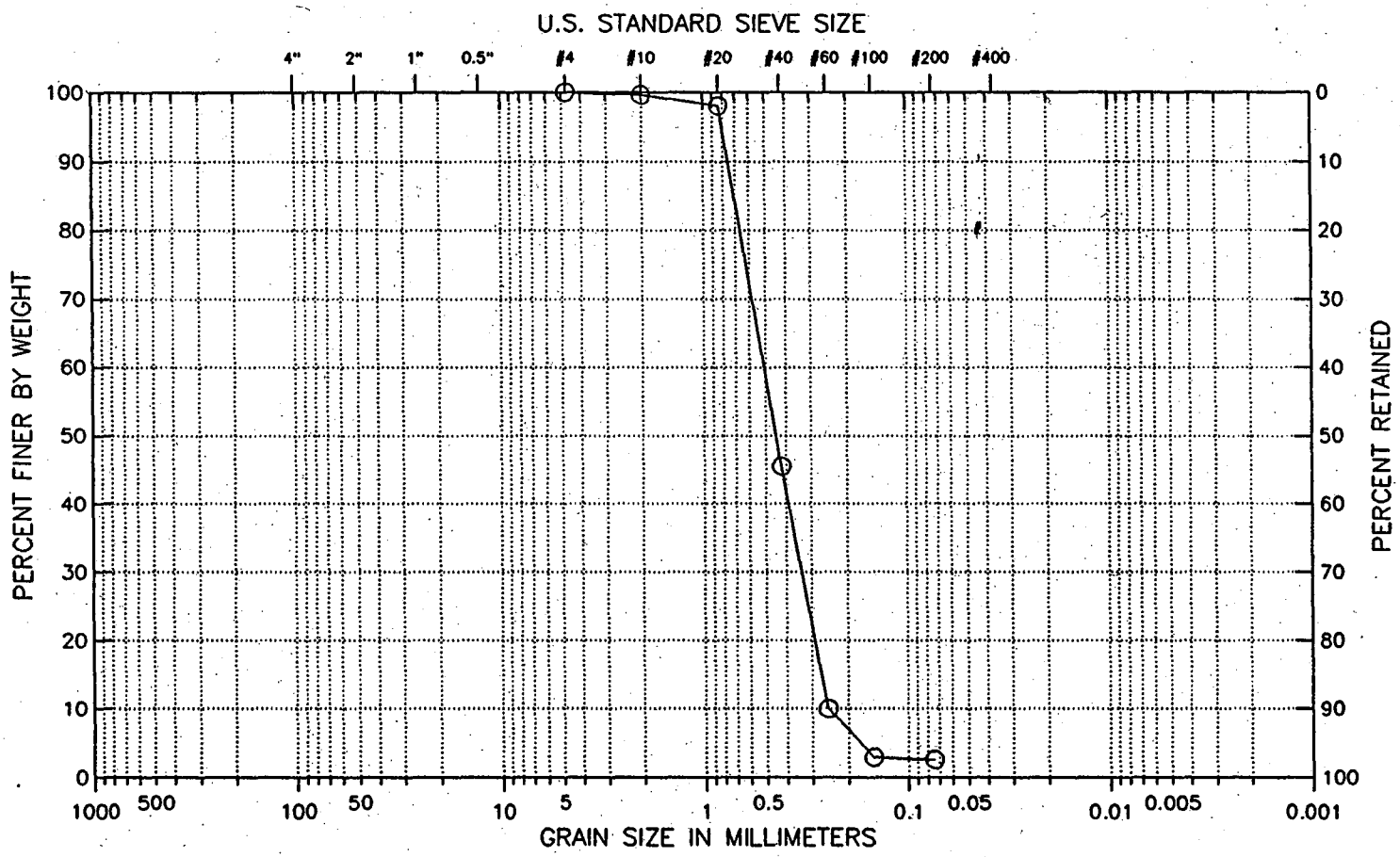
Total Dry Weight of Sample = 85.1

D85 : 0.7076 mm
D60 : 0.5085 mm
D50 : 0.4456 mm
D30 : 0.3349 mm
D15 : 0.2690 mm
D10 : 0.2501 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

2649

Boring No. : ---	Project : NAS Pensacola #950941
Sample No: 041M640901	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 17	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand

Visual Description :
Saturated, light brown and dark gray sand

Remarks :
Hydrometer not required, fines < 10%

Figure 17

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641001
Location : Pensacola, FL
Soil Description : Saturated, dark gray organic silt
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 10.7 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	15.40	19.90	9.69	0.051	91	0.051
2.00	14.30	19.90	8.59	0.036	80	0.036
4.00	13.20	20.00	7.53	0.026	70	0.026
8.00	11.10	19.90	5.39	0.018	50	0.018
15.00	8.20	20.00	2.53	0.014	24	0.014
30.00	7.10	20.40	1.57	0.010	15	0.010
60.00	6.20	20.40	0.67	0.007	6	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#20	0.033	0.84	0.00	0.00	100
#40	0.017	0.42	0.04	0.04	100
#60	0.010	0.25	0.23	0.27	97
#100	0.006	0.15	0.23	0.50	95
#200	0.003	0.07	0.13	0.63	94
Pan			9.53	10.16	0

Total Dry Weight of Sample = 12.51

D85 : 0.0420 mm
D60 : 0.0215 mm
D50 : 0.0183 mm
D30 : 0.0146 mm
D15 : 0.0098 mm
D10 : 0.0080 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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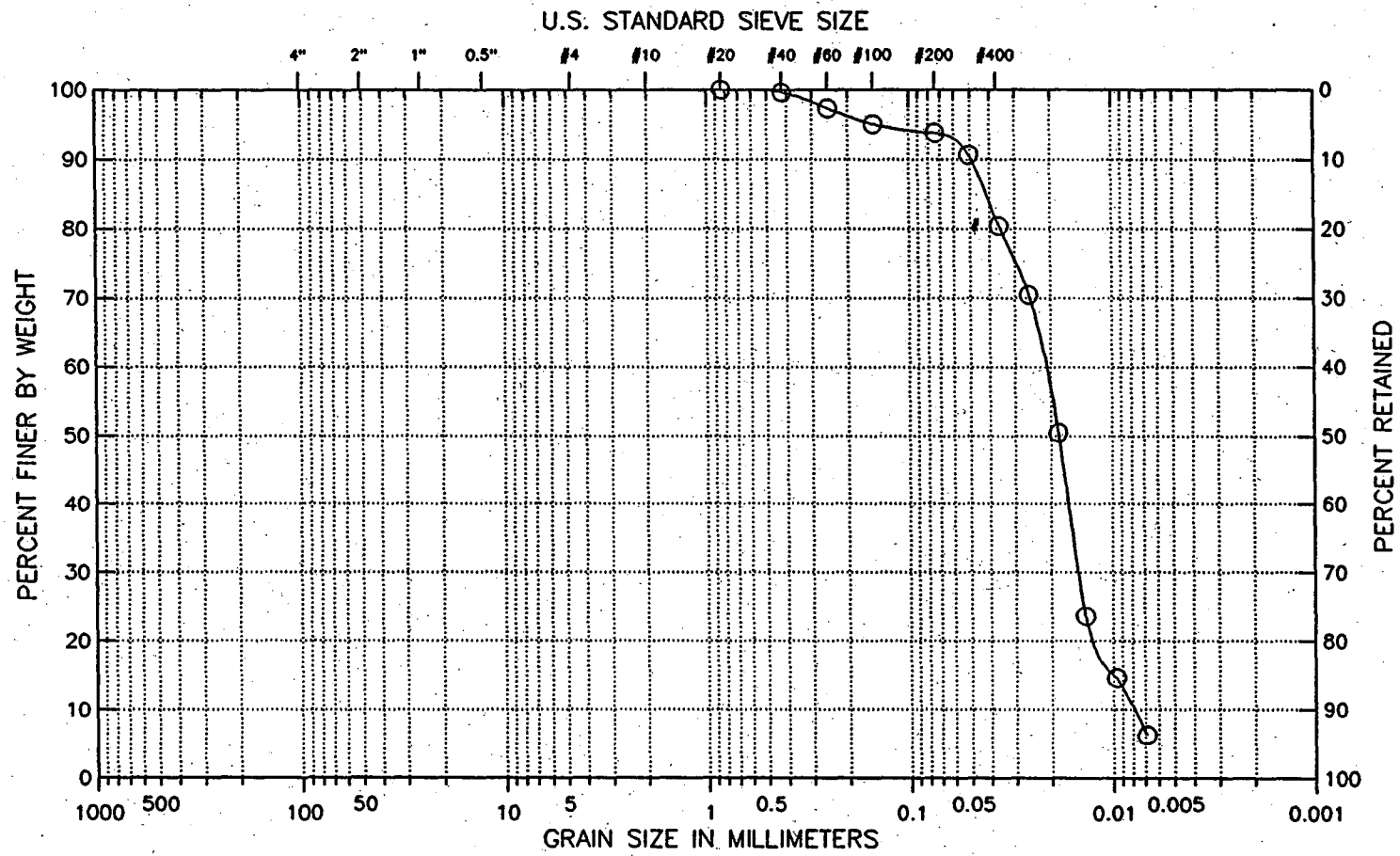
Boring No. : ---	Project : NAS Pensacola #950950
Sample No.: 041M641001	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 06	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark gray organic silt

Figure 6

2436

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641101
Location : Pensacola, FL
Soil Description : Saturated, dark gray silty sand with organics
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 07
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hyl
Weight of air-dried soil = 13.82 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	10.60	19.90	4.89	0.052	35	0.052
2.00	10.00	19.90	4.29	0.037	31	0.037
4.00	9.80	20.00	4.13	0.026	30	0.026
8.00	9.00	20.00	3.33	0.019	24	0.019
15.00	8.20	20.00	2.53	0.014	18	0.014
30.00	6.90	20.40	1.37	0.010	10	0.010
60.00	5.70	20.40	0.17	0.007	1	0.007

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.19	0.19	99
#40	0.017	0.42	0.99	1.18	93
#60	0.010	0.25	4.68	5.86	66
#100	0.006	0.15	4.38	10.24	40
#200	0.003	0.07	0.69	10.93	36
Pan			6.26	17.19	0

Total Dry Weight of Sample = 19.59

D85 : 0.3597 mm
D60 : 0.2217 mm
D50 : 0.1810 mm
D30 : 0.0269 mm
D15 : 0.0119 mm
D10 : 0.0097 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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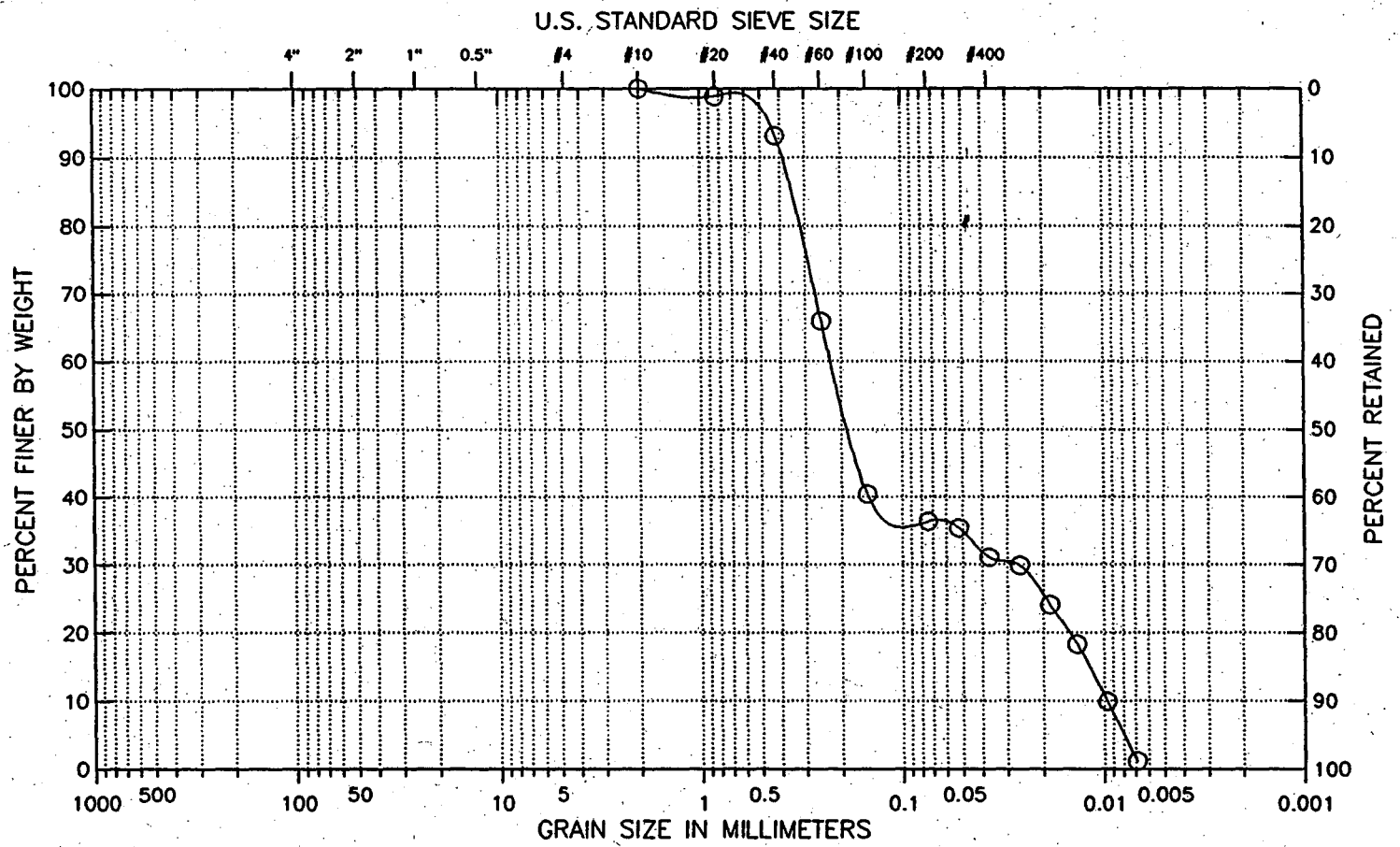
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M641101	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 07	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark gray silty sand with organics

Figure 7

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041M641201
Location : Pensacola, FL
Soil Description : Moist, brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 18
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.36	0.36	100
#20	0.033	0.84	1.10	1.46	98
#40	0.017	0.42	38.30	39.76	55
#60	0.010	0.25	38.07	77.83	12
#100	0.006	0.15	9.56	87.39	1
#200	0.003	0.07	0.20	87.59	1
Pan			0.97	88.56	0

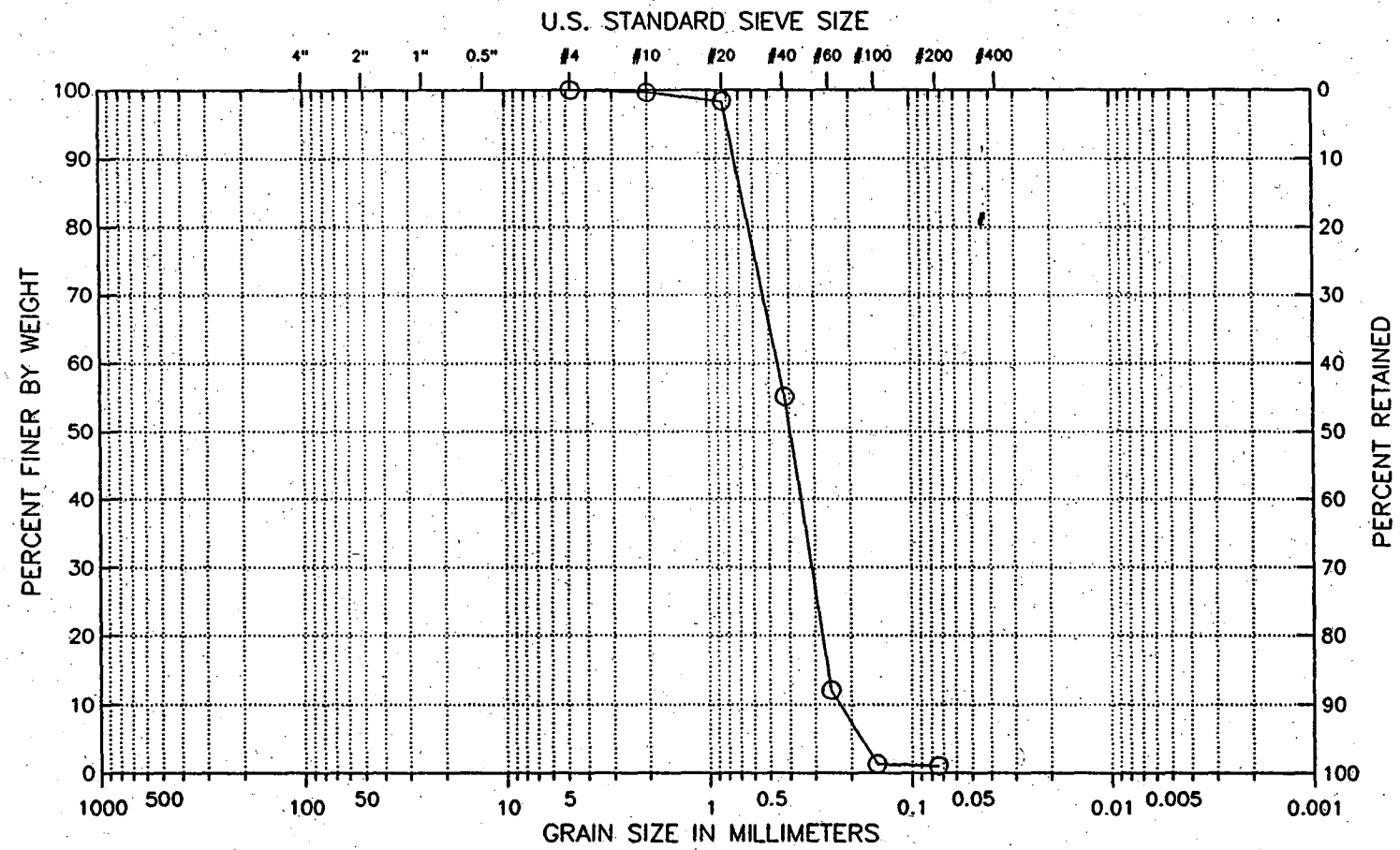
Total Dry Weight of Sample = 90.89

D85 : 0.6787 mm
D60 : 0.4543 mm
D50 : 0.3949 mm
D30 : 0.3102 mm
D15 : 0.2589 mm
D10 : 0.2259 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2651

Boring No. : ---	Project : NAS Pensacola #950941
Sample No.: 041M641201	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 18	Test Date 11/22/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 18

2650

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641301
Location : Pensacola, FL
Soil Description : Saturated, dark gray organic silt
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 08
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 8.94 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	12.60	18.80	6.51	0.052	73	0.052
2.00	11.50	18.90	5.44	0.037	61	0.037
4.00	10.40	18.90	4.34	0.026	49	0.026
8.00	9.10	18.90	3.04	0.019	34	0.019
15.00	8.00	18.90	1.94	0.014	22	0.014
31.00	6.90	19.00	0.88	0.010	10	0.010
67.00	6.70	19.30	0.78	0.007	9	0.007
120.00	6.20	19.40	0.32	0.005	4	0.005

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.09	0.09	99
#40	0.017	0.42	0.07	0.16	98
#60	0.010	0.25	0.07	0.23	97
#100	0.006	0.15	0.17	0.40	95
#200	0.003	0.07	0.08	0.48	95
Pan			8.40	8.88	0

Total Dry Weight of Sample = 11.15

D85 : 0.0635 mm
D60 : 0.0362 mm
D50 : 0.0275 mm
D30 : 0.0170 mm
D15 : 0.0113 mm
D10 : 0.0097 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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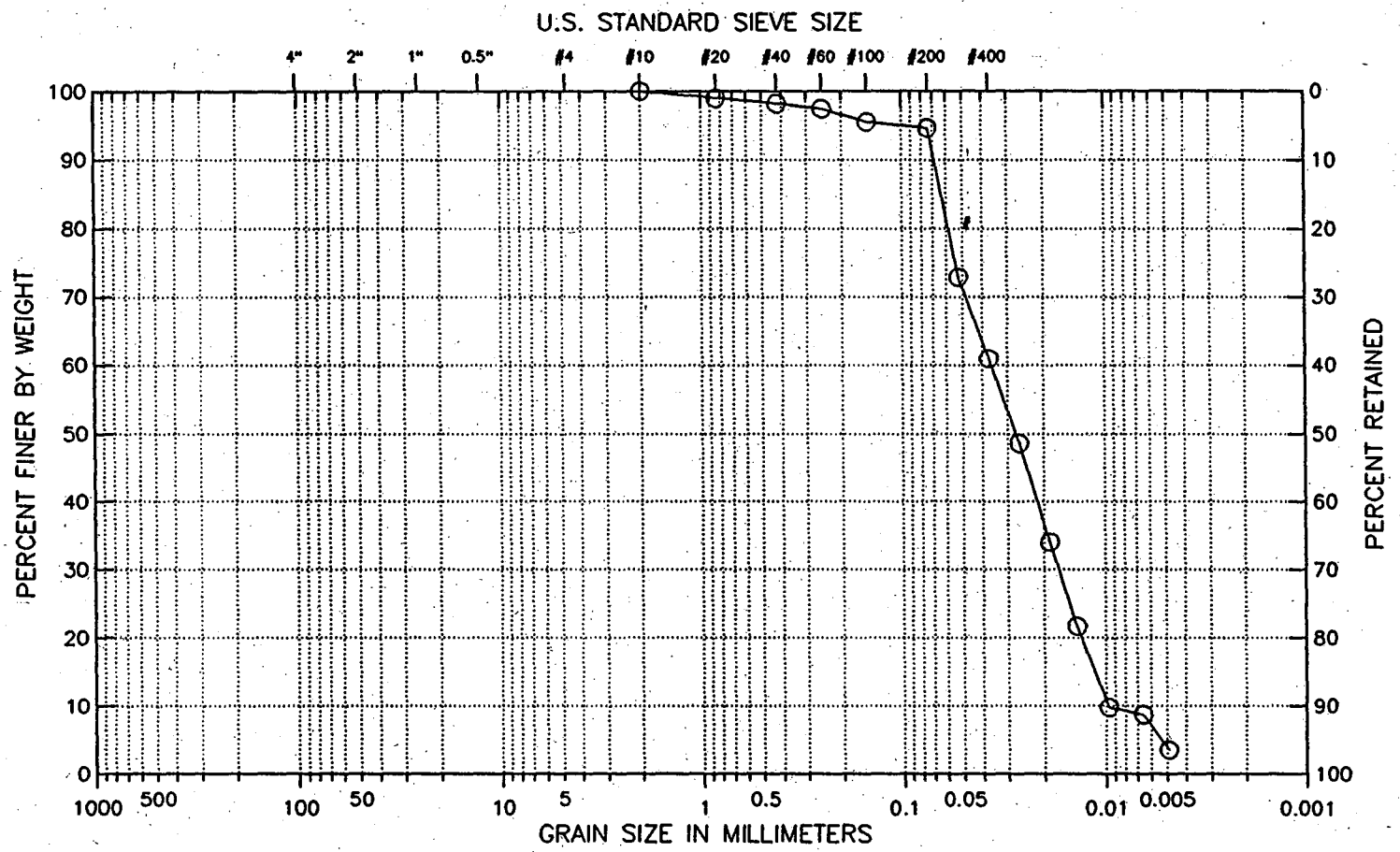
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M641301	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 08	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark gray organic silt

Figure 8

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641401
Location : Pensacola, FL
Soil Description : Saturated, dark gray sandy organic silt
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 09
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 8.26 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.90	18.80	5.81	0.052	70	0.052
2.00	10.10	18.80	4.01	0.037	49	0.037
4.00	9.00	18.90	2.94	0.027	36	0.027
8.00	7.70	18.90	1.64	0.019	20	0.019
15.00	7.00	19.00	0.98	0.014	12	0.014

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.03	0.03	100
#40	0.017	0.42	0.04	0.07	99
#60	0.010	0.25	0.16	0.23	98
#100	0.006	0.15	0.68	0.91	91
#200	0.003	0.07	0.30	1.21	89
Pan			9.33	10.54	0

Total Dry Weight of Sample = 12.85

D85 : 0.0692 mm
D60 : 0.0447 mm
D50 : 0.0383 mm
D30 : 0.0236 mm
D15 : 0.0157 mm
D10 : 0.0129 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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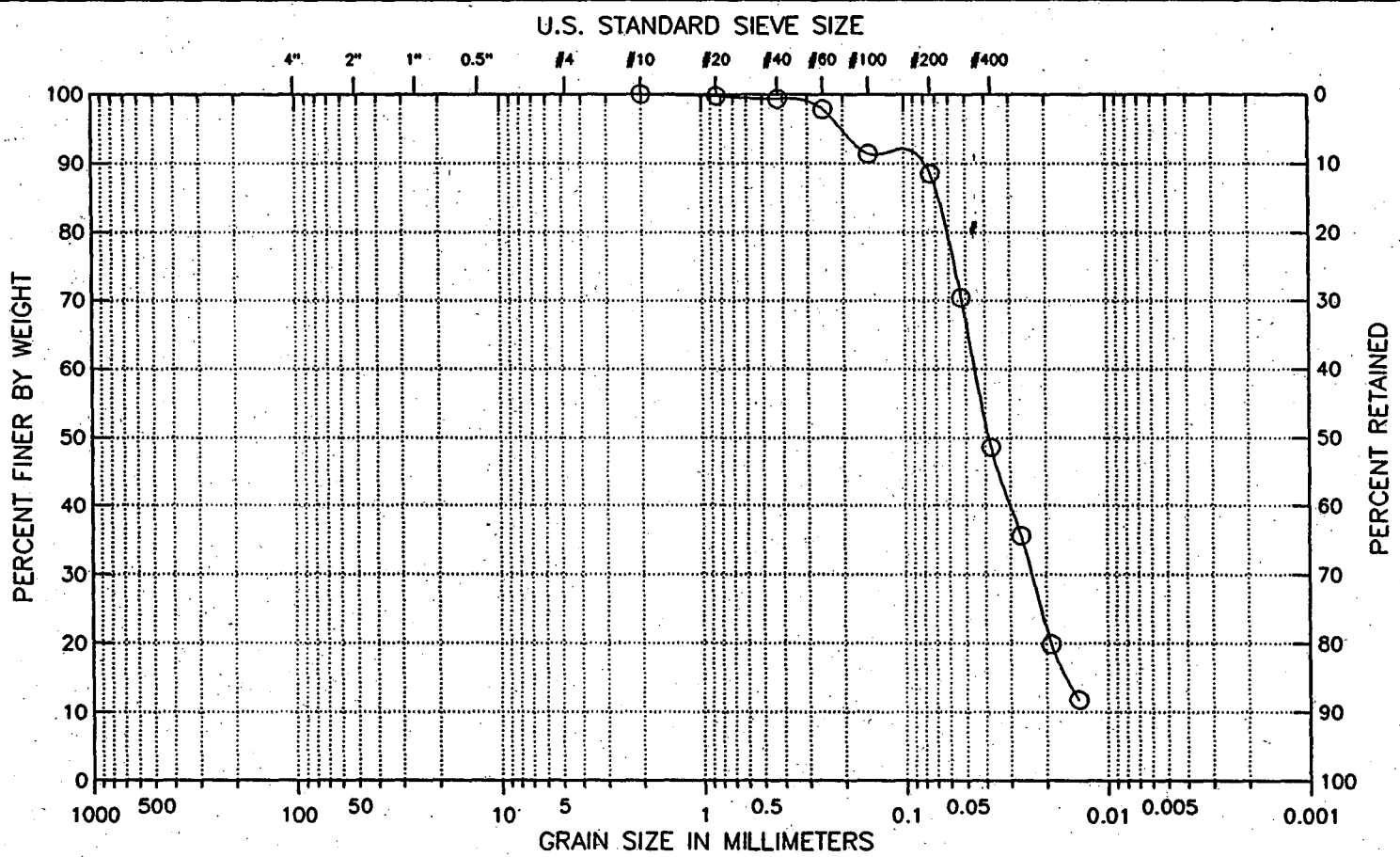
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M641401	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 09	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark gray sandy organic silt

Figure 9

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950941
Project No. : GTX-921
Boring No. : ---
Sample No. : 041641501
Location : Pensacola, FL
Soil Description : Saturated, brown sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/22/95
Test Method : ASTM D422

Filename : 19
Elevation : ---
Tested by : swj
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.28	0.28	99
#20	0.033	0.84	0.39	0.67	99
#40	0.017	0.42	11.40	12.07	74
#60	0.010	0.25	27.20	39.27	17
#100	0.006	0.15	5.45	44.72	5
#200	0.003	0.07	0.14	44.86	5
Pan			2.26	47.12	0

Total Dry Weight of Sample = 49.41

D85 : 0.5696 mm
D60 : 0.3691 mm
D50 : 0.3373 mm
D30 : 0.2818 mm
D15 : 0.2321 mm
D10 : 0.1856 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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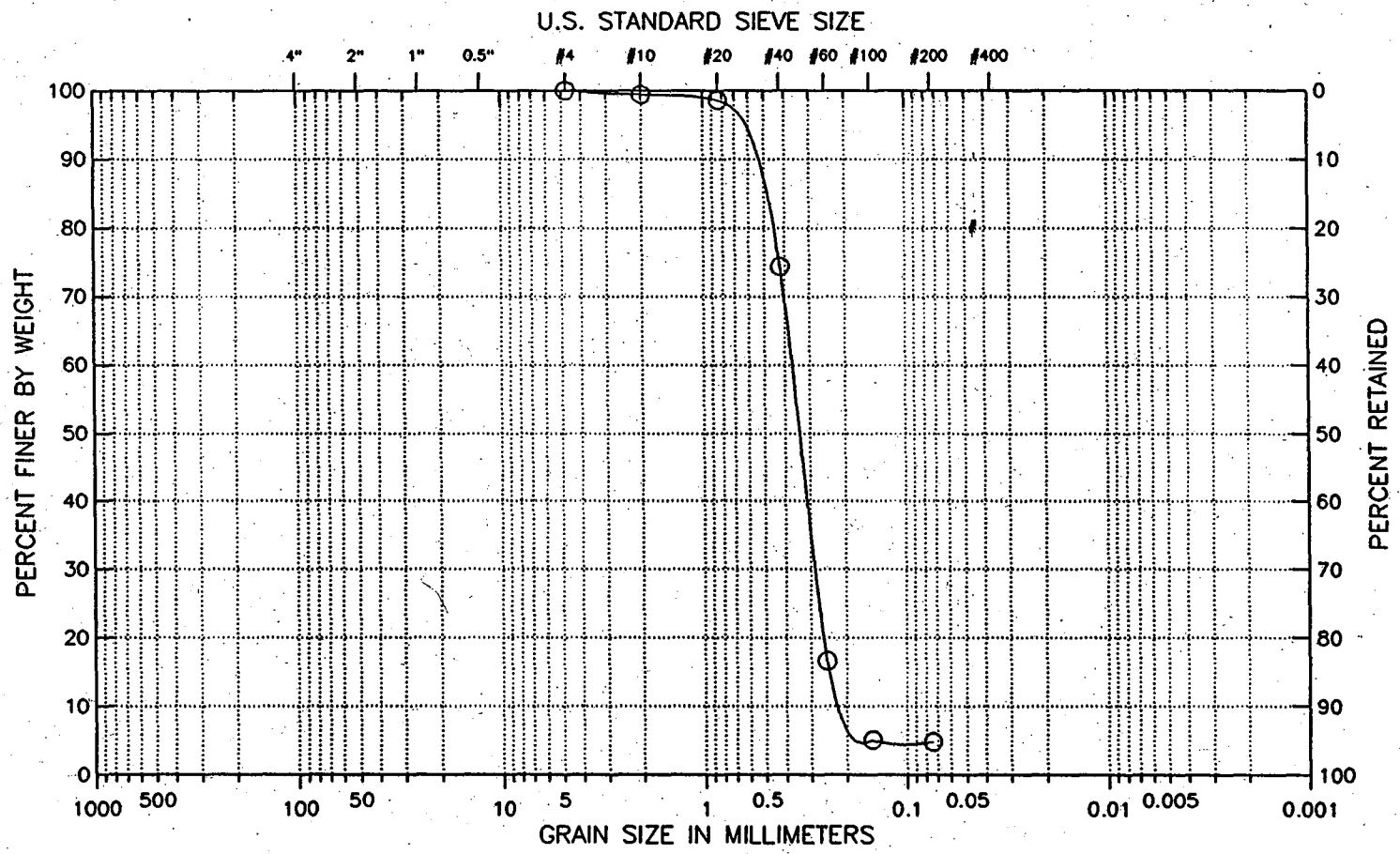
Boring No. : ---	Project : NAS Pensacola #950941
Sample No: 041641501	Project No.: GTX-921
Test Method ASTM D422	Location: Pensacola, FL
Filename : 19	Test Date 11/22/95



Classification :
(SP) Poorly graded sand
Visual Description :
Saturated, brown sand

Remarks :
Hydrometer not required, fines < 10%

Figure 19

2652

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641601
Location : Pensacola, FL
Soil Description : Saturated, dark gray sandy organic silt
Remarks : ---

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 10
Elevation : ---
Tested by : jdt
Checked by : gtt

HYDROMETER

Hydrometer ID : hy1
Weight of air-dried soil = 12.64 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	15.10	19.00	9.08	0.051	72	0.051
2.00	13.60	19.00	7.58	0.037	60	0.037
4.00	12.20	19.00	6.18	0.026	49	0.026
8.00	9.00	19.00	2.98	0.019	24	0.019
15.00	8.10	19.00	2.08	0.014	16	0.014
30.00	6.90	19.10	0.91	0.010	7	0.010
60.00	6.50	19.20	0.55	0.007	4	0.007
120.00	6.30	19.10	0.31	0.005	2	0.005
240.00	6.10	19.20	0.15	0.003	1	0.003

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.06	0.06	99
#40	0.017	0.42	0.08	0.14	99
#60	0.010	0.25	0.25	0.39	96
#100	0.006	0.15	0.56	0.95	91
#200	0.003	0.07	0.14	1.09	89
Pan			9.01	10.10	0

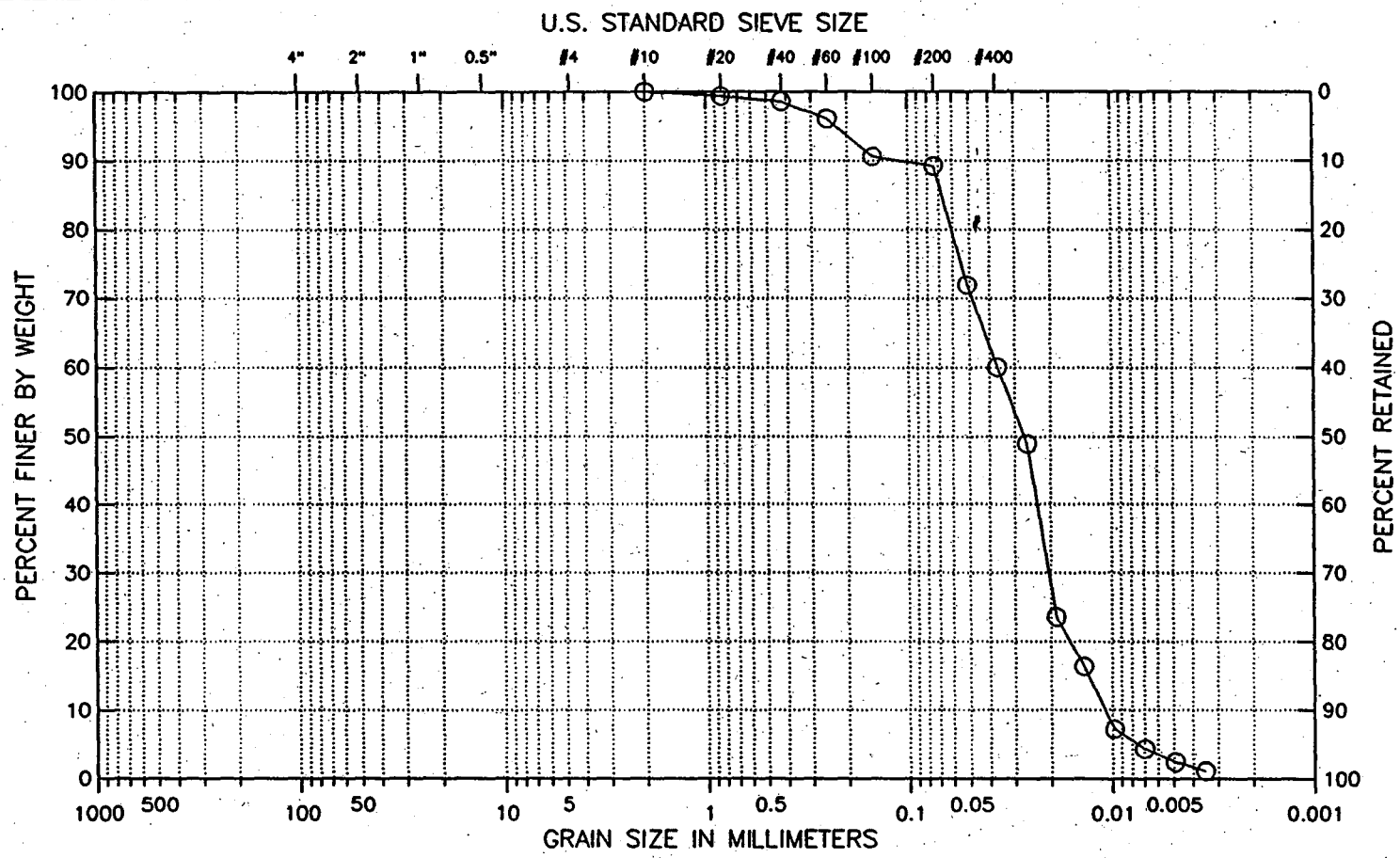
Total Dry Weight of Sample = 12.43

D85 : 0.0677 mm
D60 : 0.0366 mm
D50 : 0.0270 mm
D30 : 0.0204 mm
D15 : 0.0131 mm
D10 : 0.0109 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

2445

Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M641601	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 10	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Saturated, dark gray sandy organic silt

Figure 10

2444

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M641701
Location : Pensacola, FL
Soil Description : Saturated, dark gray sand with silt, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 11
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
0.375"	0.374	9.51	0.00	0.00	100
#4	0.187	4.75	3.28	3.28	90
#10	0.079	2.00	0.48	3.76	89
#20	0.033	0.84	0.90	4.66	86
#40	0.017	0.42	5.41	10.07	70
#60	0.010	0.25	12.27	22.34	33
#100	0.006	0.15	8.09	30.43	9
#200	0.003	0.07	1.11	31.54	6
Pan			1.94	33.48	0

Total Dry Weight of Sample = 35.83

D85 : 0.8028 mm
D60 : 0.3650 mm
D50 : 0.3168 mm
D30 : 0.2331 mm
D15 : 0.1690 mm
D10 : 0.1519 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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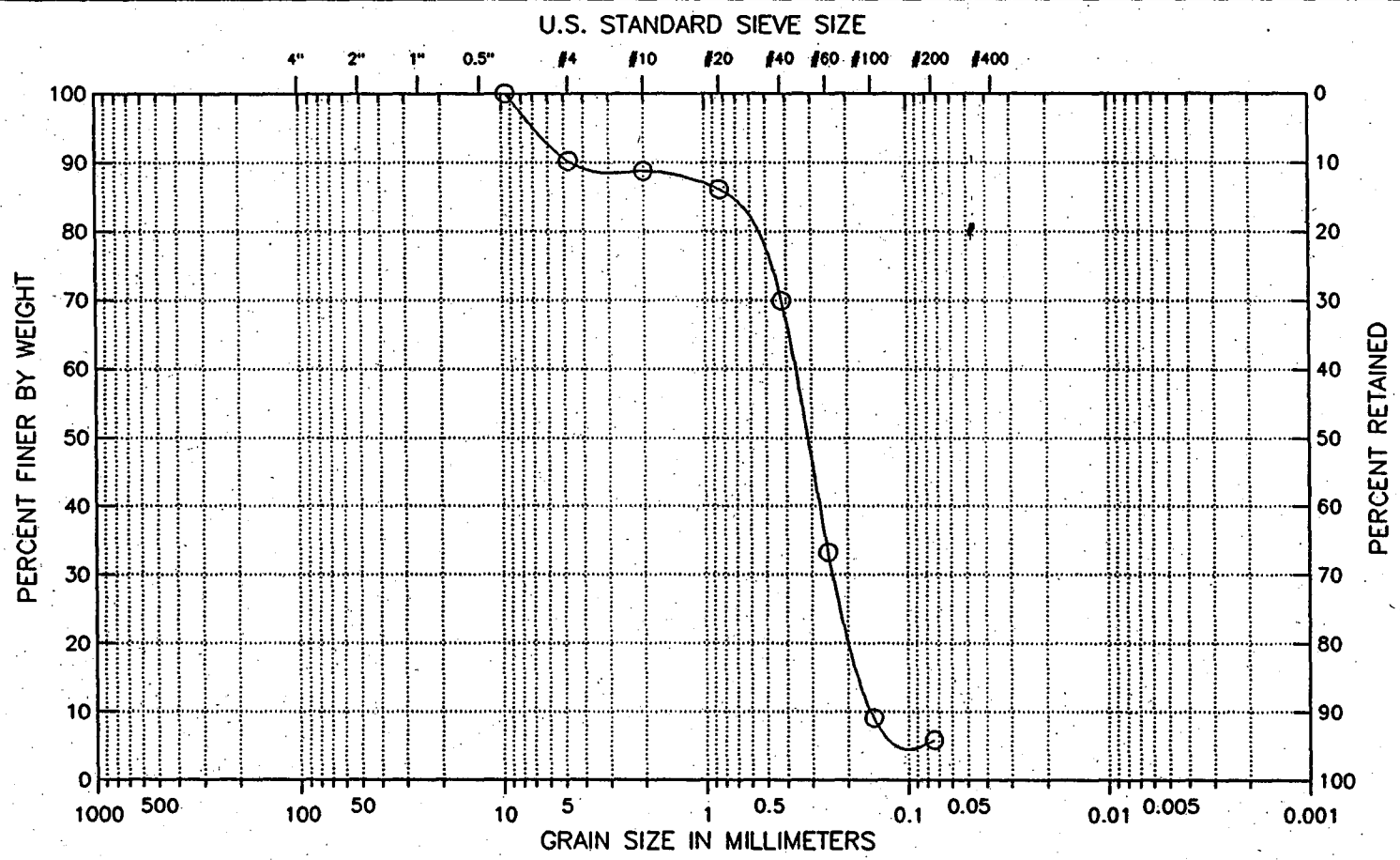
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M641701	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 11	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Visual Description :
Saturated, dark gray sand with silt, organics

Remarks :
Hydrometer not required, fines < 10%

Figure 11

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M642001
Location : Pensacola, FL
Soil Description : Moist, olive brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 12
Elevation : ---
Tested by : jdt
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.55	0.55	99
#40	0.017	0.42	15.81	16.36	83
#60	0.010	0.25	54.14	70.50	27
#100	0.006	0.15	21.13	91.63	5
#200	0.003	0.07	0.53	92.16	5
Pan			4.59	96.75	0

Total Dry Weight of Sample = 99.1

D85 : 0.4555 mm
D60 : 0.3391 mm
D50 : 0.3090 mm
D30 : 0.2567 mm
D15 : 0.1875 mm
D10 : 0.1666 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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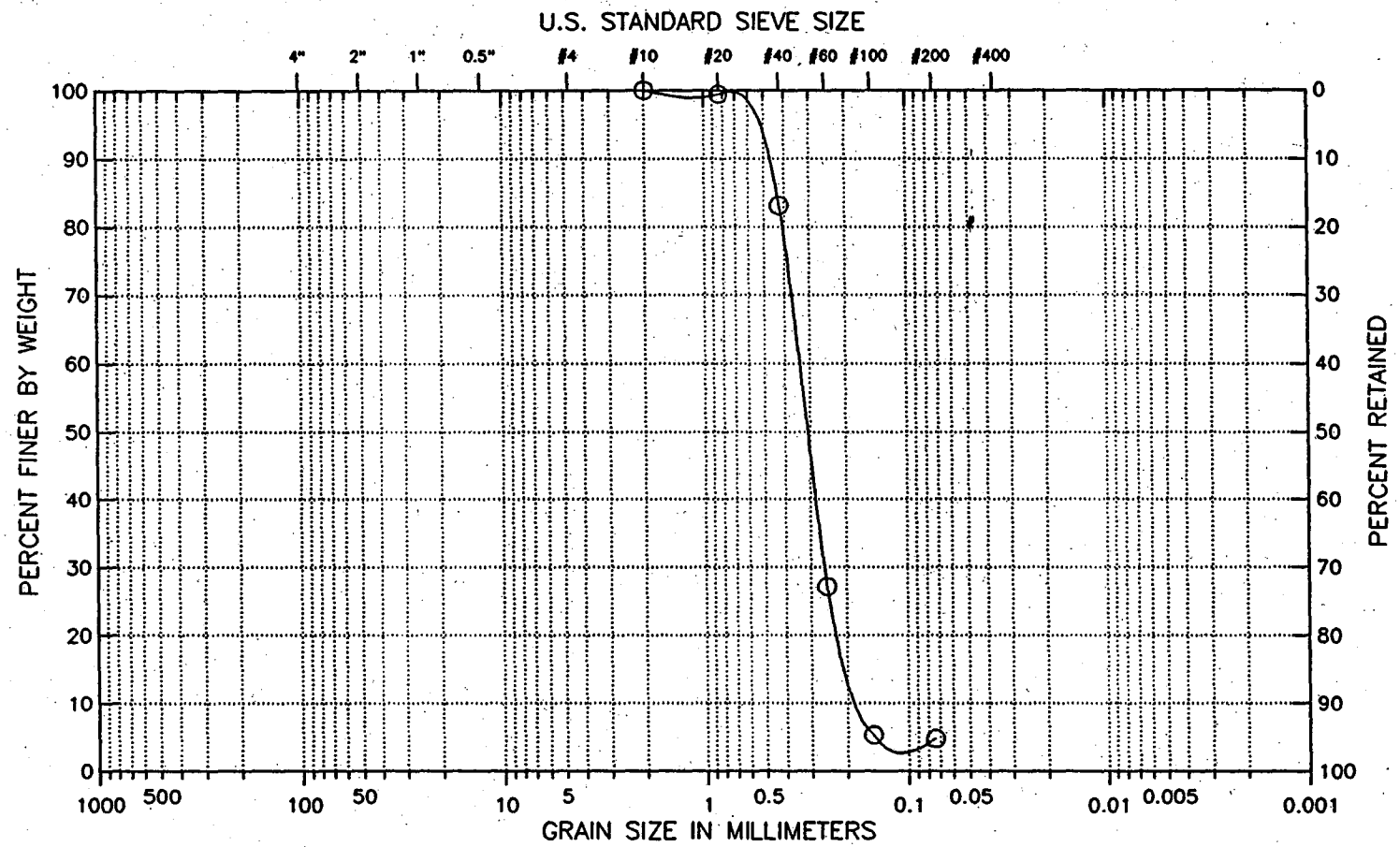
Boring No. : ---	Project : NAS Pensacola #950950
Sample No: 041M642001	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 12	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, olive brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 12

2448

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950950
Project No. : GTX-922
Boring No. : ---
Sample No. : 041M642101
Location : Pensacola, FL

Depth : ---
Test Date : 11/21/95
Test Method : ASTM D422

Filename : 13
Elevation : ---
Tested by : jdt
Checked by : gtt

Soil Description : Moist, light gray medium-fine sand
Remarks : Hydrometer not required, fines < 10%

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.36	0.36	100
#40	0.017	0.42	15.86	16.22	80
#60	0.010	0.25	50.73	66.95	17
#100	0.006	0.15	11.59	78.54	3
#200	0.003	0.07	0.99	79.53	2
Pan			1.24	80.77	0

Total Dry Weight of Sample = 83.21

D85 : 0.5027 mm
D60 : 0.3563 mm
D50 : 0.3280 mm
D30 : 0.2781 mm
D15 : 0.2317 mm
D10 : 0.1935 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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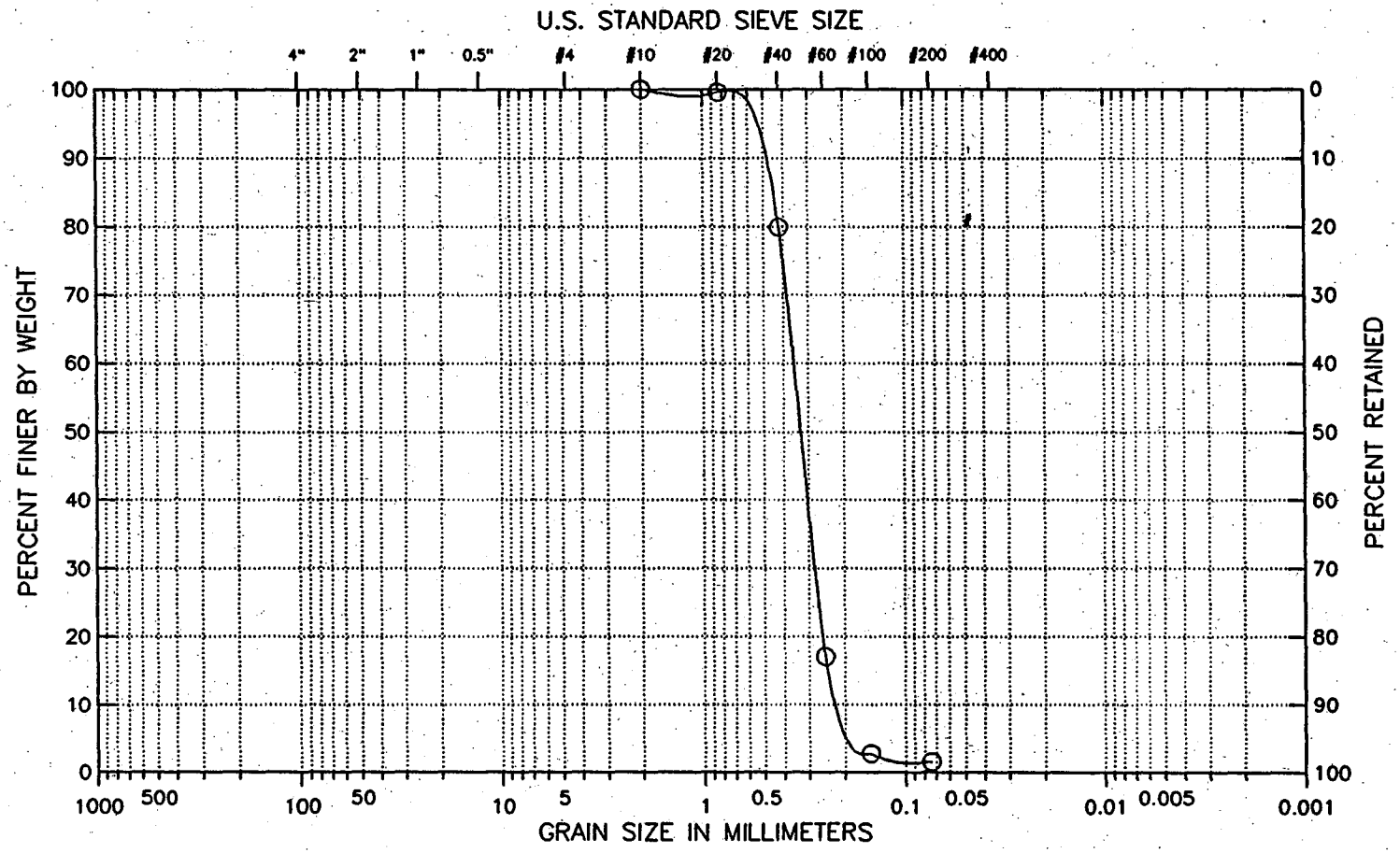
Boring No. : ---	Project : NAS Pensacola #950950
Sample No.: 041M642101	Project No.: GTX-922
Test Method ASTM D422	Location: Pensacola, FL
Filename : 13	Test Date 11/21/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Moist, light gray medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 13

2450

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M642201
Location : Pensacola, FL
Soil Description : Dark brown silty sand with gravel, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

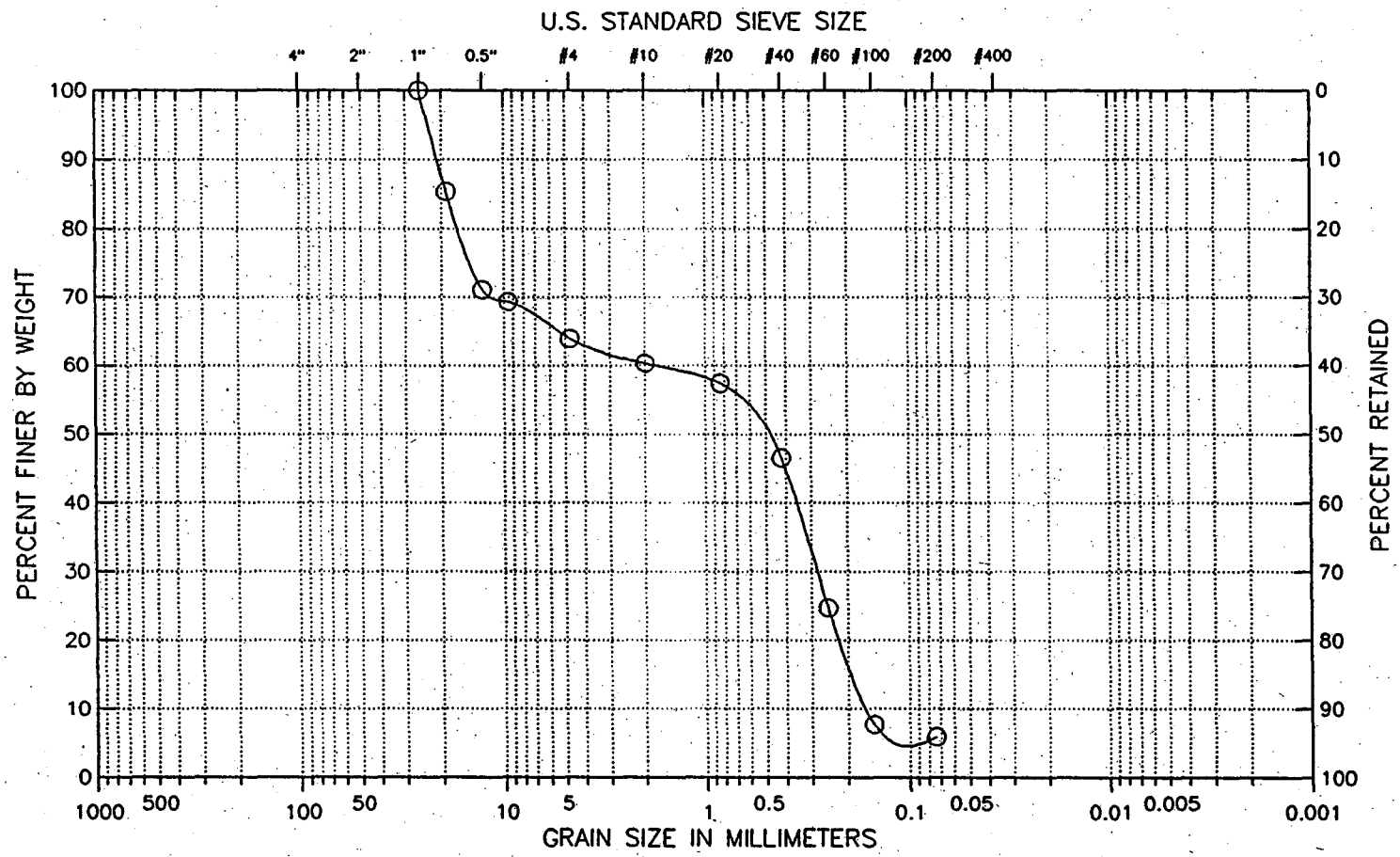
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
1"	1.012	25.70	0.00	0.00	100
0.75"	0.748	19.00	14.25	14.25	85
0.5"	0.500	12.70	13.87	28.12	71
0.375"	0.374	9.51	1.70	29.82	69
#4	0.187	4.75	5.19	35.01	64
#10	0.079	2.00	3.56	38.57	60
#20	0.033	0.84	2.82	41.39	57
#40	0.017	0.42	10.54	51.93	47
#60	0.010	0.25	21.10	73.03	25
#100	0.006	0.15	16.56	89.59	8
#200	0.003	0.07	1.77	91.36	6
Pan			5.71	97.07	0

Total Dry Weight of Sample = 106.06

D85 : 18.8294 mm
D60 : 1.8476 mm
D50 : 0.5253 mm
D30 : 0.2833 mm
D15 : 0.1859 mm
D10 : 0.1597 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-1-b(0)
AASHTO Group Name : Stone Fragments, Gravel and Sand

Boring No. : ---	Project : NAS Pensacola #950952
Sample No: 041M642201	Project No.: GTX-923
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :
Hydrometer not required, fines < 10%

Visual Description :
Dark brown silty sand with gravel, organics

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M642301
Location : Pensacola, FL
Soil Description : Dark brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 05
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

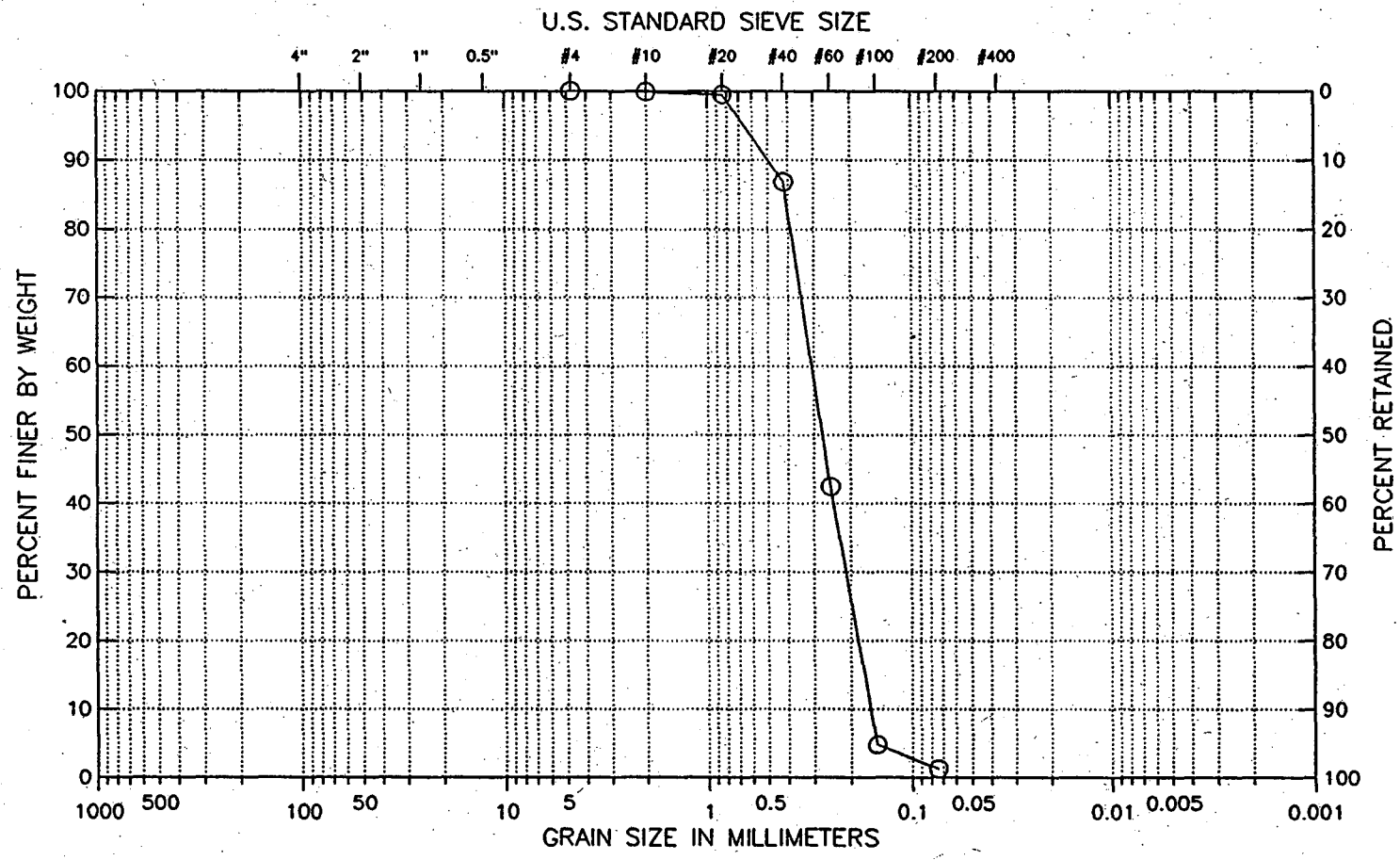
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.09	0.09	100
#20	0.033	0.84	0.26	0.35	99
#40	0.017	0.42	8.72	9.07	87
#60	0.010	0.25	30.62	39.69	43
#100	0.006	0.15	26.00	65.69	5
#200	0.003	0.07	2.46	68.15	1
Pan			0.88	69.03	0

Total Dry Weight of Sample = 78.19

D85 : 0.4110 mm
D60 : 0.3068 mm
D50 : 0.2729 mm
D30 : 0.2105 mm
D15 : 0.1713 mm
D10 : 0.1600 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : --- Sample No: 041M642301 Test Method ASTM D422 Filename : 05	Project : NAS Pensacola #950952 Project No.: GTX-923 Location: Pensacola, FL Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Dark brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 5

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950952
Project No. : GTX-923
Boring No. : ---
Sample No. : 041M642401
Location : Pensacola, FL
Soil Description : Light brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 11/28/95
Test Method : ASTM D422

Filename : 06
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

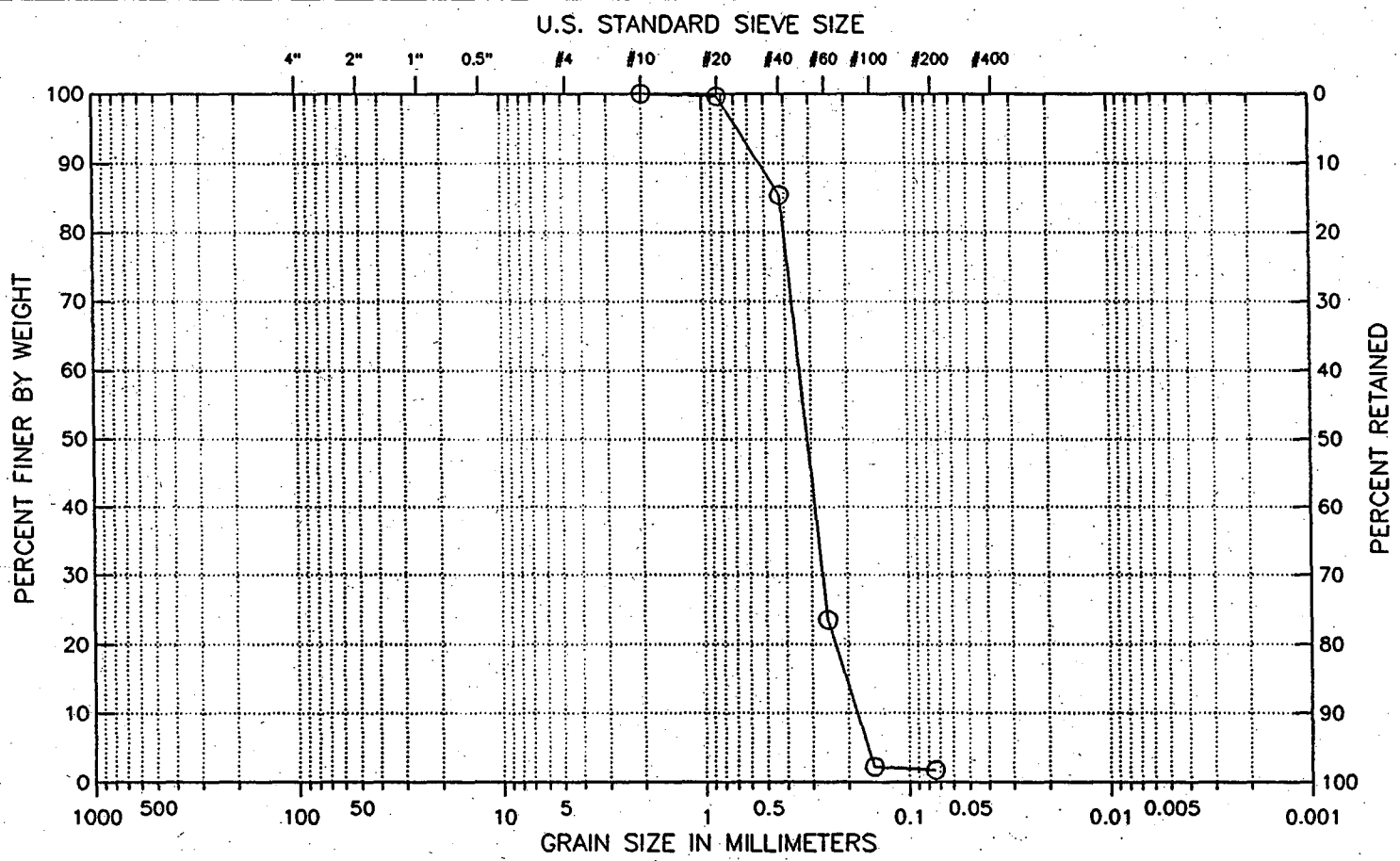
Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.19	0.19	100
#40	0.017	0.42	7.45	7.64	85
#60	0.010	0.25	32.28	39.92	24
#100	0.006	0.15	11.14	51.06	2
#200	0.003	0.07	0.26	51.32	2
Pan			0.91	52.23	0

Total Dry Weight of Sample = 54.57

D85 : 0.4187 mm
D60 : 0.3394 mm
D50 : 0.3121 mm
D30 : 0.2639 mm
D15 : 0.2031 mm
D10 : 0.1799 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

Boring No. : ---	Project : NAS Pensacola #950952
Sample No: 041M642401	Project No.: GTX-923
Test Method ASTM D422	Location: Pensacola, FL
Filename : 06	Test Date 11/28/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Light brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 6

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950991
Project No. : GTX-929
Boring No. : ---
Sample No. : 041M720101
Location : Pensacola, FL
Soil Description : Brown medium-fine sand with trace silt, organics
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/04/95
Test Method : ASTM D422

Filename : 03
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	1.21	1.21	99
#20	0.033	0.84	1.05	2.26	97
#40	0.017	0.42	17.63	19.89	76
#60	0.010	0.25	48.18	68.07	18
#100	0.006	0.15	12.13	80.20	4
#200	0.003	0.07	0.96	81.16	3
Pan			2.16	83.32	0

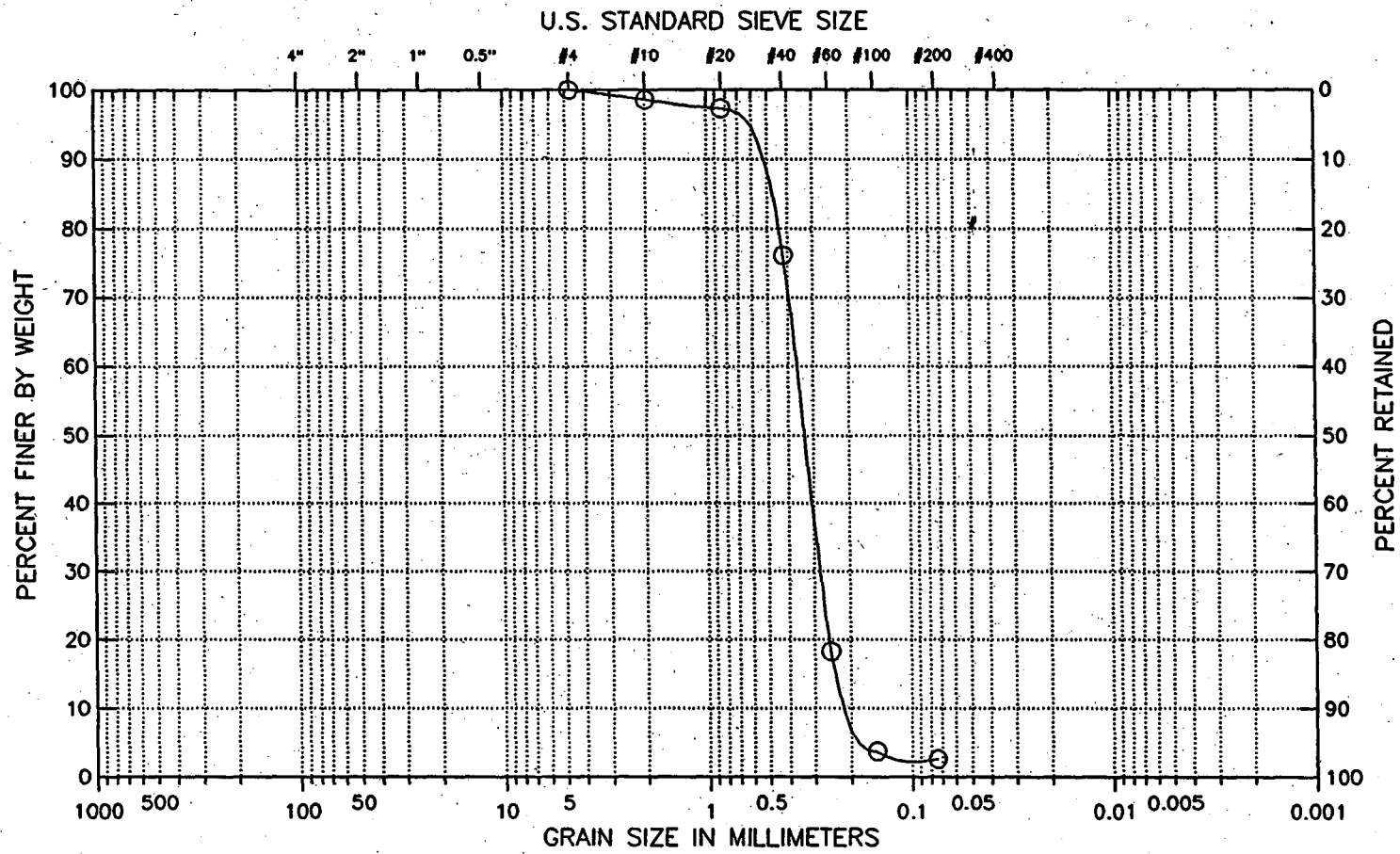
Total Dry Weight of Sample = 92.68

D85 : 0.5619 mm
D60 : 0.3634 mm
D50 : 0.3322 mm
D30 : 0.2777 mm
D15 : 0.2223 mm
D10 : 0.1861 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2037

Boring No. : ---	Project : NAS Pensacola #950991
Sample No: 041M720101	Project No.: GTX-929
Test Method ASTM D422	Location: Pensacola, FL
Filename : 03	Test Date 12/04/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand

Visual Description :
Brown medium-fine sand with trace silt, organics

Remarks :
Hydrometer not required, fines < 10%

Figure 3

2036

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #950991
Project No. : GTX-929
Boring No. : ---
Sample No. : 041M720201
Location : Pensacola, FL
Soil Description : Brown medium-fine sand
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 12/04/95
Test Method : ASTM D422

Filename : 04
Elevation : ---
Tested by : rl
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.36	0.36	100
#20	0.033	0.84	1.77	2.13	98
#40	0.017	0.42	31.85	33.98	66
#60	0.010	0.25	59.49	93.47	6
#100	0.006	0.15	5.32	98.79	0
#200	0.003	0.07	0.11	98.90	0
Pan			0.36	99.26	0

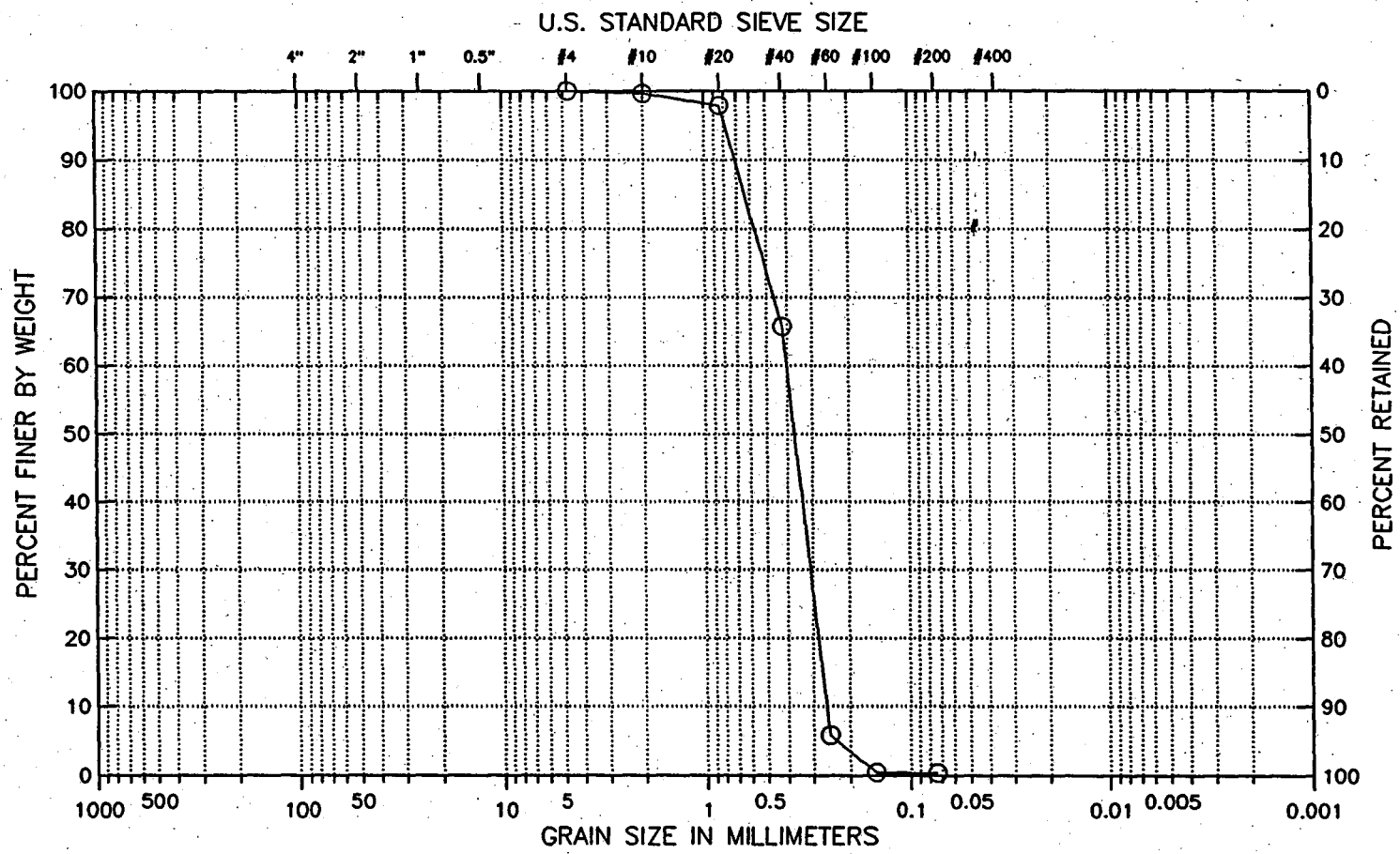
Total Dry Weight of Sample = 108.55

D85 : 0.6368 mm
D60 : 0.3995 mm
D50 : 0.3664 mm
D30 : 0.3082 mm
D15 : 0.2706 mm
D10 : 0.2592 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

2039

Boring No. : ---	Project : NAS Pensacola #950991
Sample No: 041M720201	Project No.: GTX-929
Test Method ASTM D422	Location: Pensacola, FL
Filename : 04	Test Date 12/04/95



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown medium-fine sand

Remarks :
Hydrometer not required, fines < 10%

Figure 4

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041MW20101
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 07
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 210 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	27.20	17.30	22.12	0.049	11	0.049
2.00	26.10	17.30	21.02	0.035	10	0.035
4.00	25.30	17.30	20.22	0.025	10	0.025
8.00	24.20	17.30	19.12	0.018	9	0.018
16.00	22.80	17.30	17.72	0.013	8	0.013
31.00	21.00	17.40	15.94	0.009	8	0.009
60.00	19.10	17.70	14.08	0.007	7	0.007
120.00	17.70	18.90	12.91	0.005	6	0.005
257.00	16.00	19.70	11.43	0.003	5	0.003
1117.00	14.00	19.90	9.48	0.002	5	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Sieve Openings Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.72	0.72	100
#40	0.017	0.42	32.49	33.21	84
#60	0.010	0.25	110.81	144.02	31
#100	0.006	0.15	38.57	182.59	13
#200	0.003	0.07	1.52	184.11	12
Pan			25.89	210.00	0

Total Dry Weight of Sample = 219.48

D85 : 0.4356 mm
D60 : 0.3311 mm
D50 : 0.3001 mm
D30 : 0.2402 mm
D15 : 0.1574 mm
D10 : 0.0339 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-2-4(0)
AASHTO Group Name : Silty Gravel and Sand

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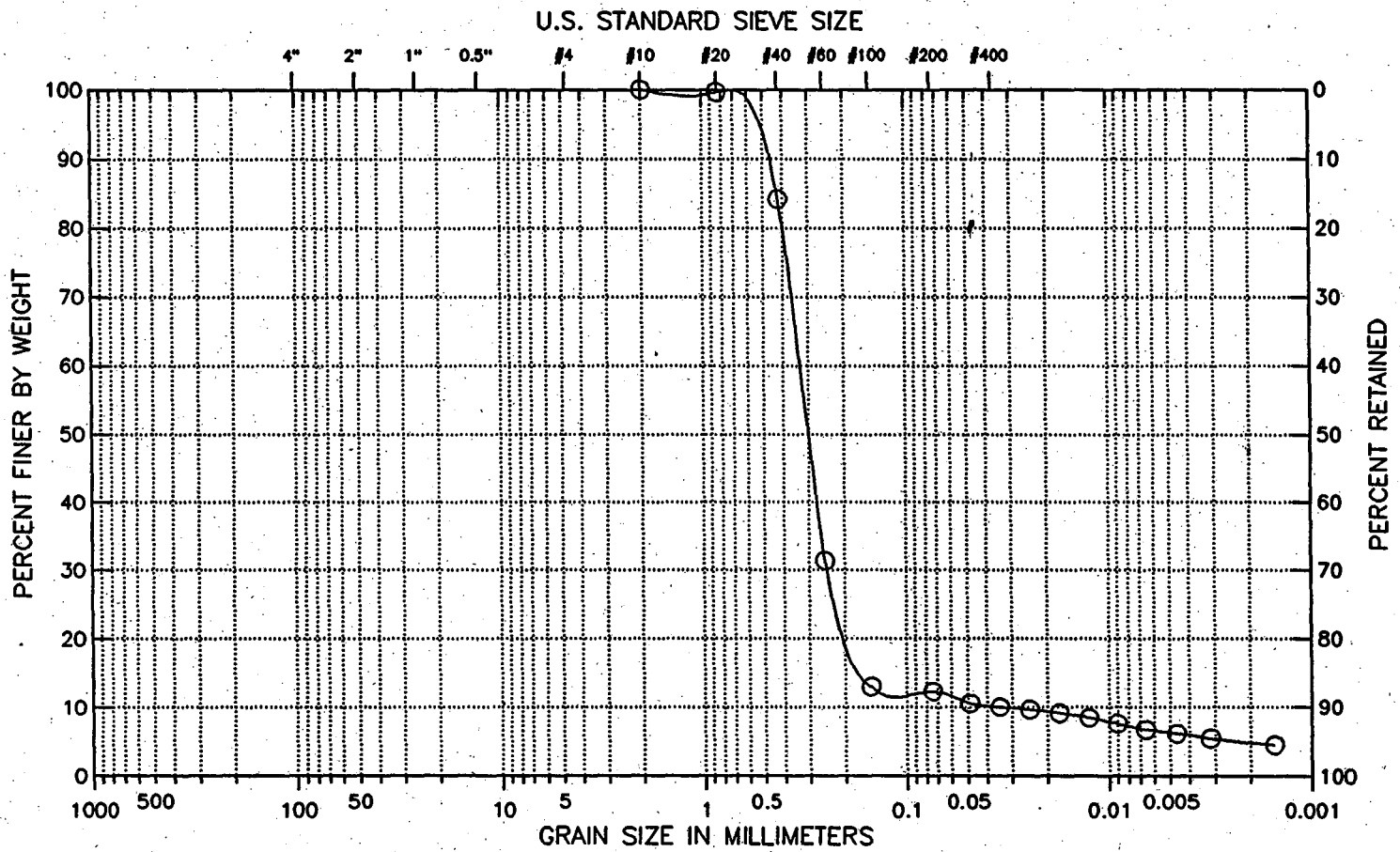
Boring No. : ---	Project : NAS Pensacola #960055
Sample No: 041MW20101	Project No.: GTX-969
Test Method ASTM D422	Location: Pensacola, FL
Filename : 07	Test Date 02/01/96



Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 7

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041MW20201
Location : Pensacola, FL
Soil Description : Brown medium sand with trace silt
Remarks : Hydrometer not required, fines < 10%

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 08
Elevation : ---
Tested by : gph
Checked by : gtt

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#4	0.187	4.75	0.00	0.00	100
#10	0.079	2.00	0.58	0.58	100
#20	0.033	0.84	1.71	2.29	99
#40	0.017	0.42	56.72	59.01	71
#60	0.010	0.25	122.45	181.46	12
#100	0.006	0.15	22.07	203.53	1
#200	0.003	0.07	0.43	203.96	1
Pan			2.13	206.09	0

Total Dry Weight of Sample = 216.52

D85 : 0.5924 mm
D60 : 0.3803 mm
D50 : 0.3485 mm
D30 : 0.2927 mm
D15 : 0.2567 mm
D10 : 0.2275 mm

Soil Classification
ASTM Group Symbol : SP
ASTM Group Name : Poorly graded sand
AASHTO Group Symbol : A-3(0)
AASHTO Group Name : Fine Sand

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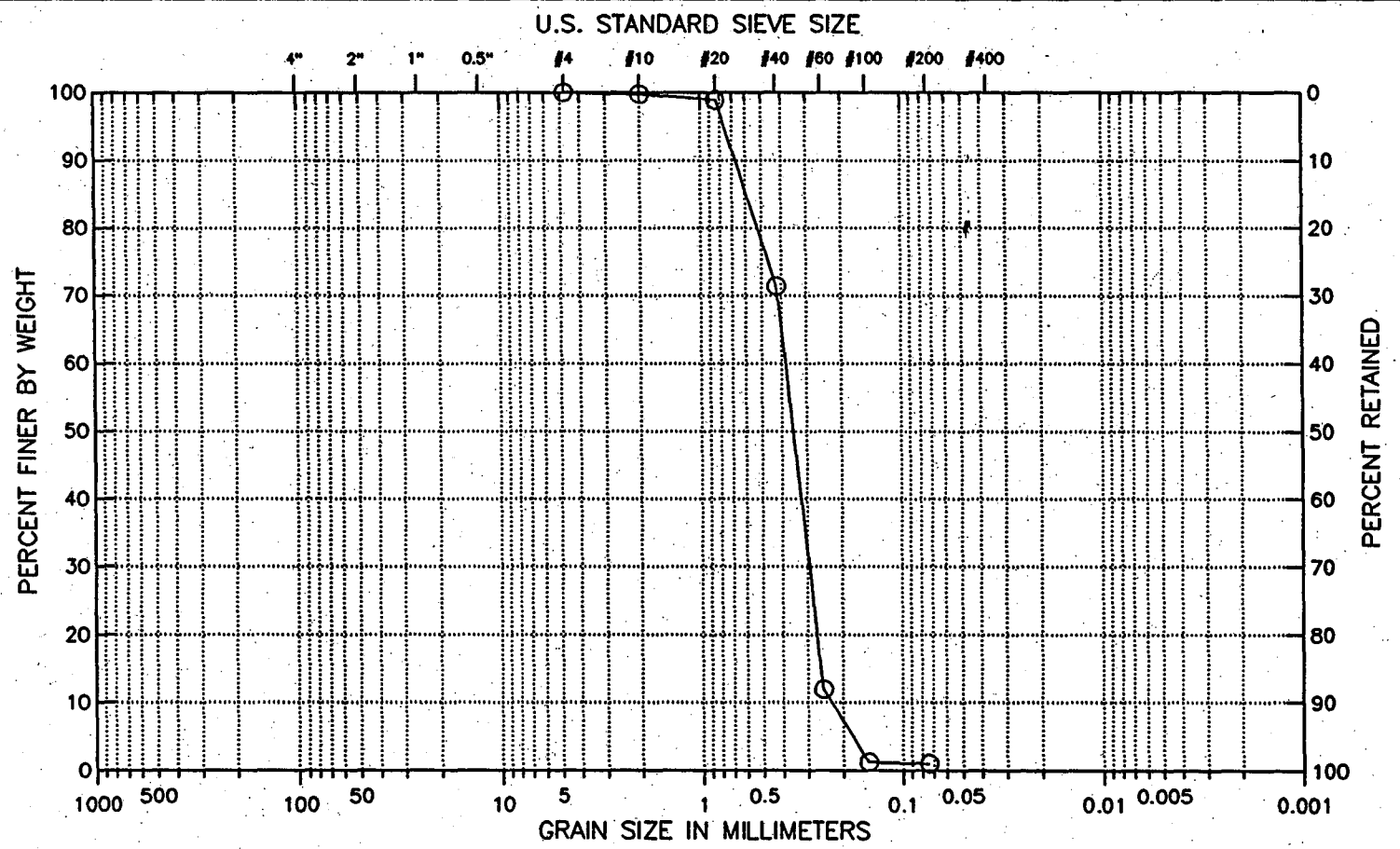
Boring No. : ---	Project : NAS Pensacola #960055
Sample No: 041MW20201	Project No.: GTX-969
Test Method ASTM D422	Location: Pensacola, FL
Filename : 08	Test Date 02/01/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :
(SP) Poorly graded sand
Visual Description :
Brown medium sand with trace silt

Remarks :
Hydrometer not required, fines < 10%

Figure 8

GEOTECHNICAL LABORATORY TEST DATA

Project : NAS Pensacola #960055
Project No. : GTX-969
Boring No. : ---
Sample No. : 041MW20301
Location : Pensacola, FL
Soil Description : Dark brown silty sand with organics
Remarks : ---

Depth : ---
Test Date : 02/01/96
Test Method : ASTM D422

Filename : 09
Elevation : ---
Tested by : gph
Checked by : gtt

HYDROMETER

Hydrometer ID : hy100
Weight of air-dried soil = 29.6 gm
Specific Gravity = 2.65

Hydroscopic Moisture Content :
Weight of Wet Soil = 0 gm
Weight of Dry Soil = 0 gm
Moisture Content = 0

Elapsed Time (min)	Reading	Temperature (deg. C)	Corrected Reading	Particle Size (mm)	Percent Finer (%)	Adjusted Particle Size
1.00	11.80	17.40	6.74	0.053	23	0.053
2.00	11.20	17.40	6.13	0.038	21	0.038
4.00	11.10	17.40	6.03	0.027	20	0.027
8.00	11.00	17.50	5.95	0.019	20	0.019
16.00	10.50	17.40	5.44	0.013	18	0.013
30.00	10.00	17.40	4.94	0.010	17	0.010
60.00	9.30	17.80	4.30	0.007	15	0.007
120.00	8.90	18.80	4.08	0.005	14	0.005
248.00	8.00	19.30	3.32	0.003	11	0.003
1116.00	7.50	19.60	2.90	0.002	10	0.002

FINE SIEVE SET

Sieve Mesh	Sieve Openings Inches	Millimeters	Weight Retained (gm)	Cumulative Weight Retained (gm)	Percent Finer (%)
#10	0.079	2.00	0.00	0.00	100
#20	0.033	0.84	0.30	0.30	99
#40	0.017	0.42	2.57	2.87	90
#60	0.010	0.25	8.97	11.84	60
#100	0.006	0.15	5.75	17.59	41
#200	0.003	0.07	0.58	18.17	39
Pan			11.43	29.60	0

Total Dry Weight of Sample = 38.97

D85 : 0.3835 mm
D60 : 0.2500 mm
D50 : 0.1915 mm
D30 : 0.0620 mm
D15 : 0.0075 mm
D10 : 0.0018 mm

Soil Classification
ASTM Group Symbol : N/A
ASTM Group Name : N/A
AASHTO Group Symbol : A-4(0)
AASHTO Group Name : Silty Soils

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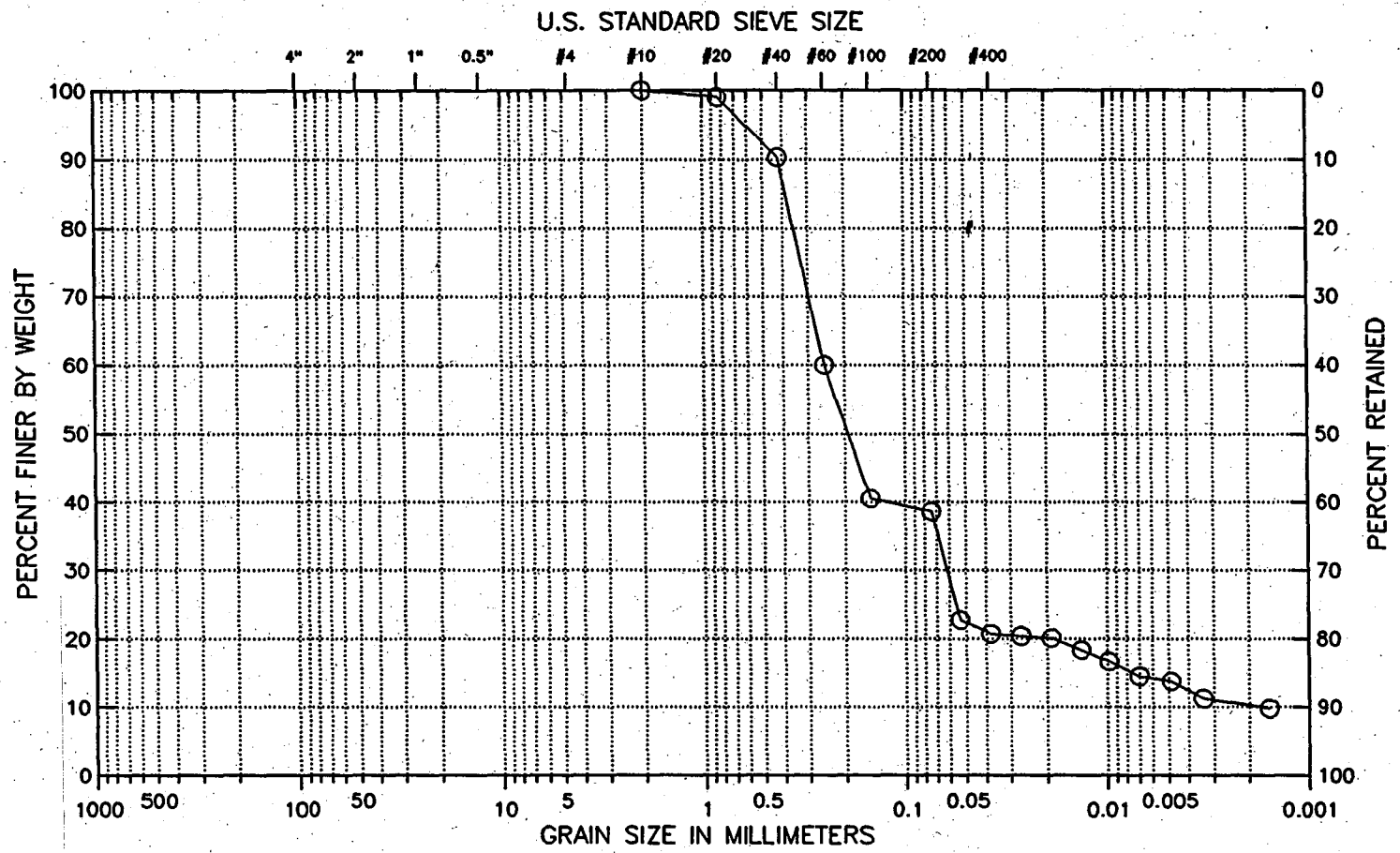
Boring No. : --- Sample No: 041MW20301 Test Method ASTM D422 Filename : 09	Project : NAS Pensacola #960055 Project No.: GTX-969 Location: Pensacola, FL Test Date 02/01/96



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Classification :

Remarks :

Visual Description :
Dark brown silty sand with organics

Figure 9

1829

Appendix C

Phase III Sediment, Surface Water, and Biota Analytical Results

Validation Qualifiers

U **Undetected** — The analyte was analyzed for but not detected, or was also found in an associated blank at a concentration less than 10 times the blank concentration for common organic laboratory contaminants or five times the blank concentration for other target analytes or elements. The associated value shown is the quantitative limit.

J **Estimated Value** — At least one QC parameter was outside control limits.

NJ **Presumptive Identification** — NJ is used for pesticide/PCB analysis when the percent difference exceeds the QC limits by 100% or more. It indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification at an estimated concentration. This qualifier is used for pesticide/PCB validation only.

UJ **Undetected and Estimated** — The analyte was analyzed for, but not detected above the listed estimated quantitation limit; the quantitation limit is estimated because one or more QC parameters were outside control limits.

D **Diluted Result** — The compound was reanalyzed at a secondary dilution factor. If one or more compounds are outside the calibration range during an initial analysis, the laboratory flags the analyte "E." When diluted, the sample results are flagged "D." Generally, values from the initial analysis will be used, except where the value exceeded the calibration range. In this case, the initial analysis value will be substituted by the diluted value to ensure the most representative data. The "D" flag will remain on the value to alert the data user that a secondary dilution value was used.

R/UR **Unusable Data** — One or more QC parameters grossly exceeded control limits.

Sediment Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

GRAIN SIZE							
	SAMPLE ID ------->	041-M-0302-01	041-M-0307-01				
	ORIGINAL ID ----->	041M030201	041M030701				
	LAB SAMPLE ID -->	S774823A*3	S774823A*4				
	ID FROM REPORT -->	041M030201	041M030701				
	SAMPLE DATE ----->	08/27/97	08/27/97				
	DATE ANALYZED --->	09/26/97	09/26/97				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	PEN12	PEN12				
9999900-32-6	Seive Size #4	95.8	98.1				
9999900-32-7	Seive Size #10	91.1	97.2				
9999900-32-8	Seive Size #20	78.2	95.2				
9999900-32-9	Seive Size #40	63.7	80.3				
9999900-33-0	Seive Size #60	45.3	31.8				
9999900-33-1	Seive Size #100	37.	17.5				
9999900-33-2	Seive Size #200	32.9	14.				

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

METAL					
	SAMPLE ID ------->	041-M-0302-01		041-M-0307-01	
	ORIGINAL ID ----->	041M030201		041M030701	
	LAB SAMPLE ID --->	S774823A*3		S774823A*4	
	ID FROM REPORT -->	041M030201		041M030701	
	SAMPLE DATE ----->	08/27/97		08/27/97	
	DATE EXTRACTED -->	09/08/97		09/08/97	
	DATE ANALYZED --->	09/09/97		09/09/97	
	MATRIX ---------->	Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG	
CAS #	Parameter	PEN12	VAL	PEN12	VAL
7429-90-5	Aluminum	2950.		1630.	
7440-36-0	Antimony	4.9	UJ	2.1	UJ
7440-38-2	Arsenic	14.6		4.2	J
7440-39-3	Barium	87.		18.7	
7440-41-7	Beryllium	0.15	U	0.06	U
7440-43-9	Cadmium	2.	UJ	9.3	
7440-70-2	Calcium	5980.		953.	
7440-47-3	Chromium	12.1		19.	
7440-48-4	Cobalt	0.65	UJ	0.57	J
7440-50-8	Copper	2.	U	4.	
7439-89-6	Iron	246000.		67100.	
7439-92-1	Lead	20.6		35.6	
7439-95-4	Magnesium	150.	J	70.5	J
7439-96-5	Manganese	236.		42.6	
7440-02-0	Nickel	1.4	U	3.1	
7440-09-7	Potassium	56.8	J	35.	J
7782-49-2	Selenium	5.4		2.	J
7440-22-4	Silver	0.3	UJ	0.42	J
7440-23-5	Sodium	56.8	J	16.3	J
7440-28-0	Thallium	2.	U	0.82	U
7440-62-2	Vanadium	13.5		6.4	
7440-66-6	Zinc	45.8		234.	
7439-97-6	Mercury	0.1	J	0.06	J
57-12-5	Cyanide (CN)	3.	UJ	2.6	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

PEST

	SAMPLE ID ------->	041-M-0302-01		041-M-0307-01					
	ORIGINAL ID ----->	041M030201		041M030701					
	LAB SAMPLE ID --->	S774823A*3		S774823A*4					
	ID FROM REPORT -->	041M030201		041M030701					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE EXTRACTED -->	09/05/97		09/05/97					
	DATE ANALYZED --->	09/11/97		09/10/97					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL				
319-84-6	alpha-BHC	8.5	U	3.6	U				
319-85-7	beta-BHC	8.5	U	3.6	U				
319-86-8	delta-BHC	8.5	U	3.6	U				
58-89-9	gamma-BHC (Lindane)	4.7	U	3.6	U				
76-44-8	Heptachlor	8.5	U	3.6	U				
309-00-2	Aldrin	8.5	U	3.6	U				
1024-57-3	Heptachlor epoxide	8.5	U	3.6	U				
959-98-8	Endosulfan I	8.5	U	3.6	U				
60-57-1	Dieldrin	16.	U	4.1	U				
72-55-9	4,4'-DDE	16.	U	11.					
72-20-8	Endrin	2.8	J	7.	U				
33213-65-9	Endosulfan II	16.	U	7.	U				
72-54-8	4,4'-DDD	14.	J	49.					
1031-07-8	Endosulfan sulfate	16.	U	7.2	J				
50-29-3	4,4'-DDT	3.7	J	9.3					
72-43-5	Methoxychlor	6.4	U	36.	U				
53494-70-5	Endrin ketone	16.	U	7.	U				
7421-93-4	Endrin aldehyde	16.	U	7.	U				
5103-71-9	alpha-Chlordane	8.5	U	3.6	U				
5103-74-2	gamma-Chlordane	8.5	U	0.74	J				
8001-35-2	Toxaphene	850.	U	360.	U				
12674-11-2	Aroclor-1016	160.	U	70.	U				
11104-28-2	Aroclor-1221	340.	U	140.	U				
11141-16-5	Aroclor-1232	160.	U	70.	U				
53469-21-9	Aroclor-1242	160.	U	70.	U				
12672-29-6	Aroclor-1248	160.	U	70.	U				
11097-69-1	Aroclor-1254	160.	U	70.	U				
11096-82-5	Aroclor-1260	160.	U	70.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

SVOA									
		SAMPLE ID ------->	041-M-0302-01		041-M-0307-01				
		ORIGINAL ID ----->	041M030201		041M030701				
		LAB SAMPLE ID --->	S774823A*3		S774823A*4				
		ID FROM REPORT -->	041M030201		041M030701				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE EXTRACTED -->	09/05/97		09/05/97				
		DATE ANALYZED --->	09/09/97		09/09/97				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		PEN12	VAL	PEN12	VAL			
108-95-2	Phenol		1600.	U	700.	U			
111-44-4	bis(2-Chloroethyl)ether		1600.	U	700.	U			
95-57-8	2-Chlorophenol		1600.	U	700.	U			
541-73-1	1,3-Dichlorobenzene		1600.	U	700.	U			
106-46-7	1,4-Dichlorobenzene		1600.	U	700.	U			
95-50-1	1,2-Dichlorobenzene		1600.	U	700.	U			
95-48-7	2-Methylphenol (o-Cresol)		1600.	U	700.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		1600.	U	700.	U			
9999900-32-2	3-Methylphenol/4-Methylphenol		1600.	U	700.	U			
621-64-7	N-Nitroso-di-n-propylamine		1600.	U	700.	U			
67-72-1	Hexachloroethane		1600.	U	700.	U			
98-95-3	Nitrobenzene		1600.	U	700.	U			
78-59-1	Isophorone		1600.	U	700.	U			
88-75-5	2-Nitrophenol		1600.	U	700.	U			
105-67-9	2,4-Dimethylphenol		1600.	U	700.	U			
120-83-2	2,4-Dichlorophenol		1600.	U	700.	U			
120-82-1	1,2,4-Trichlorobenzene		1600.	U	700.	U			
91-20-3	Naphthalene		1600.	U	700.	U			
106-47-8	4-Chloroaniline		1600.	U	700.	U			
87-68-3	Hexachlorobutadiene		1600.	U	700.	U			
111-91-1	bis(2-Chloroethoxy)methane		1600.	U	700.	U			
59-50-7	4-Chloro-3-methylphenol		1600.	U	700.	U			
91-57-6	2-Methylnaphthalene		1600.	U	700.	U			
77-47-4	Hexachlorocyclopentadiene		1600.	U	700.	U			
88-06-2	2,4,6-Trichlorophenol		1600.	U	700.	U			
95-95-4	2,4,5-Trichlorophenol		1600.	U	700.	U			
91-58-7	2-Chloronaphthalene		1600.	U	700.	U			
88-74-4	2-Nitroaniline		4000.	U	1700.	U			
131-11-3	Dimethylphthalate		1600.	U	700.	U			
208-96-8	Acenaphthylene		1600.	U	700.	U			
606-20-2	2,6-Dinitrotoluene		1600.	U	700.	U			
99-09-2	3-Nitroaniline		4000.	U	1700.	U			
83-32-9	Acenaphthene		1600.	U	700.	U			
51-28-5	2,4-Dinitrophenol		4000.	U	1700.	U			
100-02-7	4-Nitrophenol		4000.	U	1700.	U			
132-64-9	Dibenzofuran		1600.	U	700.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

SVOA									
		SAMPLE ID ------->	041-M-0302-01		041-M-0307-01				
		ORIGINAL ID ----->	041M030201		041M030701				
		LAB SAMPLE ID --->	S774823A*3		S774823A*4				
		ID FROM REPORT -->	041M030201		041M030701				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE EXTRACTED -->	09/05/97		09/05/97				
		DATE ANALYZED --->	09/09/97		09/09/97				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		PEN12	VAL	PEN12	VAL			
121-14-2	2,4-Dinitrotoluene		1600.	U	700.	U			
84-66-2	Diethylphthalate		1600.	U	700.	U			
7005-72-3	4-Chlorophenylphenyl ether		1600.	U	700.	U			
86-73-7	Fluorene		1600.	U	700.	U			
100-01-6	4-Nitroaniline		4000.	U	1700.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		4000.	U	1700.	U			
86-30-6	N-Nitrosodiphenylamine		1600.	U	700.	U			
101-55-3	4-Bromophenyl-phenylether		1600.	U	700.	U			
118-74-1	Hexachlorobenzene		1600.	U	700.	U			
87-86-5	Pentachlorophenol		4000.	U	1700.	U			
85-01-8	Phenanthrene		1600.	U	700.	U			
120-12-7	Anthracene		1600.	U	700.	U			
86-74-8	Carbazole		1600.	U	700.	U			
84-74-2	Di-n-butylphthalate		1600.	U	700.	U			
206-44-0	Fluoranthene		1600.	U	700.	U			
129-00-0	Pyrene		1600.	U	700.	U			
85-68-7	Butylbenzylphthalate		1600.	U	700.	U			
91-94-1	3,3'-Dichlorobenzidine		3300.	U	1400.	U			
56-55-3	Benzo(a)anthracene		1600.	U	700.	U			
218-01-9	Chrysene		1600.	U	700.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		1600.	U	500.	J			
117-84-0	Di-n-octylphthalate		1600.	U	700.	U			
205-99-2	Benzo(b)fluoranthene		1600.	U	700.	U			
207-08-9	Benzo(k)fluoranthene		1600.	U	700.	U			
50-32-8	Benzo(a)pyrene		1600.	U	700.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		1600.	U	700.	U			
53-70-3	Dibenz(a,h)anthracene		1600.	U	700.	U			
191-24-2	Benzo(g,h,i)perylene		1600.	U	700.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

TOC								
	SAMPLE ID ------->	041-M-0302-01		041-M-0307-01				
	ORIGINAL ID ----->	041M030201		041M030701				
	LAB SAMPLE ID --->	S774823A*3		S774823A*4				
	ID FROM REPORT -->	041M030201		041M030701				
	SAMPLE DATE ----->	08/27/97		08/27/97				
	DATE EXTRACTED -->	09/09/97		09/09/97				
	DATE ANALYZED --->	09/09/97		09/09/97				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	PEN12	VAL	PEN12	VAL			
9999900-01-4	Total Organic Carbon (TOC)	100000.		12000.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Sediment Sample

VOA

	SAMPLE ID ------->	041-M-0302-01 RE		041-M-0307-01					
	ORIGINAL ID ----->	041M030201		041M030701					
	LAB SAMPLE ID --->	S774823A*3*R		S774823A*4					
	ID FROM REPORT -->	041M030201		041M030701					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE ANALYZED --->	09/02/97		09/03/97					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL				
74-87-3	Chloromethane	50.	U	21.	U				
75-01-4	Vinyl chloride	50.	U	21.	U				
74-83-9	Bromomethane	50.	U	21.	U				
75-00-3	Chloroethane	50.	U	21.	U				
75-35-4	1,1-Dichloroethene	25.	U	11.	U				
75-09-2	Methylene chloride	25.	U	11.	U				
75-34-3	1,1-Dichloroethane	25.	U	11.	U				
67-66-3	Chloroform	25.	U	11.	U				
71-55-6	1,1,1-Trichloroethane	25.	U	11.	U				
56-23-5	Carbon tetrachloride	25.	U	11.	U				
71-43-2	Benzene	25.	U	11.	U				
107-06-2	1,2-Dichloroethane	25.	U	11.	U				
79-01-6	Trichloroethene	25.	U	11.	U				
78-87-5	1,2-Dichloropropane	25.	U	11.	U				
75-27-4	Bromodichloromethane	25.	U	11.	U				
108-88-3	Toluene	25.	U	11.	U				
79-00-5	1,1,2-Trichloroethane	25.	U	11.	U				
127-18-4	Tetrachloroethene	25.	U	11.	U				
124-48-1	Dibromochloromethane	25.	U	11.	U				
108-90-7	Chlorobenzene	25.	U	11.	U				
100-41-4	Ethylbenzene	25.	U	11.	U				
100-42-5	Styrene	25.	U	11.	U				
75-25-2	Bromoform	25.	U	11.	U				
79-34-5	1,1,2,2-Tetrachloroethane	25.	U	11.	U				
67-64-1	Acetone	770.	J	240.					
75-15-0	Carbon disulfide	17.	J	11.	U				
78-93-3	2-Butanone (MEK)	120.		38.					
108-10-1	4-Methyl-2-Pentanone (MIBK)	50.	U	21.	U				
10061-01-5	cis-1,3-Dichloropropene	25.	U	11.	U				
10061-02-6	trans-1,3-Dichloropropene	25.	U	11.	U				
591-78-6	2-Hexanone	50.	U	21.	U				
1330-20-7	Xylene (Total)	25.	U	11.	U				
540-59-0	1,2-Dichloroethene (total)	25.	U	11.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

GRAIN SIZE							
	SAMPLE ID ------->	041-M-5A04-01	041-M-5A05-01	041-M-5A06-01			
	ORIGINAL ID ----->	041M5A0401	041M5A0501	041M5A0601			
	LAB SAMPLE ID --->	S774839*1	S774839*2	S774839*3			
	ID FROM REPORT -->	041M5A0401	041M5A0501	041M5A0601			
	SAMPLE DATE ----->	08/28/97	08/28/97	08/28/97			
	DATE ANALYZED --->	09/26/97	09/26/97	09/26/97			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	%	%	%			
CAS #	Parameter	PEN12	PEN12	PEN12			
9999900-32-6	Seive Size #4	99.7	98.8	98.			
9999900-32-7	Seive Size #10	99.3	97.4	97.2			
9999900-32-8	Seive Size #20	98.3	95.1	95.6			
9999900-32-9	Seive Size #40	80.4	75.7	77.8			
9999900-33-0	Seive Size #60	23.8	21.5	19.3			
9999900-33-1	Seive Size #100	7.2	7.7	5.2			
9999900-33-2	Seive Size #200	4.5	5.	3.7			

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

METAL													
	SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01							
	ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601							
	LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3							
	ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601							
	SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97							
	DATE EXTRACTED -->	09/08/97		09/08/97		09/08/97							
	DATE ANALYZED --->	09/09/97		09/09/97		09/09/97							
	MATRIX ---------->	Sediment		Sediment		Sediment							
	UNITS ---------->	MG/KG		MG/KG		MG/KG							
CAS #	Parameter	PEN12	VAL	PEN12	VAL	PEN12	VAL						
7429-90-5	Aluminum	2480.		1590.		821.							
7440-36-0	Antimony	1.5	UJ	27.7	J	2.	J						
7440-38-2	Arsenic	0.52	J	0.45	UJ	0.46	UJ						
7440-39-3	Barium	12.5		17.2		6.9							
7440-41-7	Beryllium	0.2		0.13	J	0.05	U						
7440-43-9	Cadmium	0.42	J	3.2		1.2							
7440-70-2	Calcium	3120.		3660.		495.							
7440-47-3	Chromium	4.1		50.1		24.4							
7440-48-4	Cobalt	1.6	J	1.6	J	0.94	J						
7440-50-8	Copper	21.5		108.		25.6							
7439-89-6	Iron	1090.		3020.		546.							
7439-92-1	Lead	54.5		258.		75.5							
7439-95-4	Magnesium	651.		690.		56.1	J						
7439-96-5	Manganese	15.4		21.3		8.6							
7440-02-0	Nickel	2.5		7.5		1.8							
7440-09-7	Potassium	93.2		54.		16.8	U						
7782-49-2	Selenium	0.26	U	0.6	J	0.28	U						
7440-22-4	Silver	0.09	UJ	0.15	J	0.1	UJ						
7440-23-5	Sodium	35.	J	25.5		14.6	J						
7440-28-0	Thallium	0.59	U	0.62	U	0.63	U						
7440-62-2	Vanadium	4.2		3.6		1.8							
7440-66-6	Zinc	77.1		394.		103.							
7439-97-6	Mercury	0.13		0.09		0.06							
57-12-5	Cyanide (CN)	0.9	UJ	0.94	UJ	0.96	UJ						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

PEST											
		SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01				
		ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601				
		LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3				
		ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601				
		SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97				
		DATE EXTRACTED -->	09/05/97		09/05/97		09/05/97				
		DATE ANALYZED --->	09/11/97		09/12/97		09/11/97				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		PEN12	VAL	PEN12	VAL	PEN12	VAL			
319-84-6	alpha-BHC		2.6	U	54.	U	2.8	U			
319-85-7	beta-BHC		2.6	U	54.	U	2.8	U			
319-86-8	delta-BHC		2.6	U	54.	U	2.8	U			
58-89-9	gamma-BHC (Lindane)		0.24	J	54.	U	2.8	U			
76-44-8	Heptachlor		2.6	U	54.	U	2.8	U			
309-00-2	Aldrin		2.6	U	54.	U	2.8	U			
1024-57-3	Heptachlor epoxide		2.6	U	54.	U	2.8	U			
959-98-8	Endosulfan I		5.2		54.	U	0.3	U			
60-57-1	Dieldrin		2.9	U	100.	U	1.4	J			
72-55-9	4,4'-DDE		57.	D	100.	U	3.6	J			
72-20-8	Endrin		0.69	U	2.4	U	1.1	J			
33213-65-9	Endosulfan II		5.	U	100.	U	5.4	U			
72-54-8	4,4'-DDD		100.	D	100.	U	1.3	J			
1031-07-8	Endosulfan sulfate		2.3	J	100.	U	0.66	J			
50-29-3	4,4'-DDT		7.2		100.	U	3.2	J			
72-43-5	Methoxychlor		1.1	U	540.	U	0.66	U			
53494-70-5	Endrin ketone		5.	U	100.	U	5.4	U			
7421-93-4	Endrin aldehyde		0.56	U	100.	U	5.4	U			
5103-71-9	alpha-Chlordane		4.5		54.	U	0.26	U			
5103-74-2	gamma-Chlordane		7.9	J	54.	U	0.14	U			
8001-35-2	Toxaphene		260.	U	5400.	U	280.	U			
12674-11-2	Aroclor-1016		50.	U	1000.	U	54.	U			
11104-28-2	Aroclor-1221		100.	U	2100.	U	110.	U			
11141-16-5	Aroclor-1232		50.	U	1000.	U	54.	U			
53469-21-9	Aroclor-1242		50.	U	1000.	U	54.	U			
12672-29-6	Aroclor-1248		50.	U	1000.	U	54.	U			
11097-69-1	Aroclor-1254		50.	U	1000.	U	54.	U			
11096-82-5	Aroclor-1260		50.	U	1000.	U	54.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

SVOA											
	SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01					
	ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601					
	LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3					
	ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601					
	SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97					
	DATE EXTRACTED -->	09/05/97		09/05/97		09/05/97					
	DATE ANALYZED --->	09/09/97		09/09/97		09/09/97					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL	PEN12	VAL				
108-95-2	Phenol	500.	U	520.	U	540.	U				
111-44-4	bis(2-Chloroethyl)ether	500.	U	520.	U	540.	U				
95-57-8	2-Chlorophenol	500.	U	520.	U	540.	U				
541-73-1	1,3-Dichlorobenzene	500.	U	520.	U	540.	U				
106-46-7	1,4-Dichlorobenzene	500.	U	520.	U	540.	U				
95-50-1	1,2-Dichlorobenzene	500.	U	520.	U	540.	U				
95-48-7	2-Methylphenol (o-Cresol)	500.	U	520.	U	540.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	500.	U	520.	U	540.	U				
9999900-32-2	3-Methylphenol/4-Methylphenol	500.	U	520.	U	540.	U				
621-64-7	N-Nitroso-di-n-propylamine	500.	U	520.	U	540.	U				
67-72-1	Hexachloroethane	500.	U	520.	U	540.	U				
98-95-3	Nitrobenzene	500.	U	520.	U	540.	U				
78-59-1	Isophorone	500.	U	520.	U	540.	U				
88-75-5	2-Nitrophenol	500.	U	520.	U	540.	U				
105-67-9	2,4-Dimethylphenol	500.	U	520.	U	540.	U				
120-83-2	2,4-Dichlorophenol	500.	U	520.	U	540.	U				
120-82-1	1,2,4-Trichlorobenzene	500.	U	520.	U	540.	U				
91-20-3	Naphthalene	500.	U	520.	U	540.	U				
106-47-8	4-Chloroaniline	500.	U	520.	U	540.	U				
87-68-3	Hexachlorobutadiene	500.	U	520.	U	540.	U				
111-91-1	bis(2-Chloroethoxy)methane	500.	U	520.	U	540.	U				
59-50-7	4-Chloro-3-methylphenol	500.	U	520.	U	540.	U				
91-57-6	2-Methylnaphthalene	500.	U	520.	U	540.	U				
77-47-4	Hexachlorocyclopentadiene	500.	U	520.	U	540.	U				
88-06-2	2,4,6-Trichlorophenol	500.	U	520.	U	540.	U				
95-95-4	2,4,5-Trichlorophenol	500.	U	520.	U	540.	U				
91-58-7	2-Chloronaphthalene	500.	U	520.	U	540.	U				
88-74-4	2-Nitroaniline	1200.	U	1300.	U	1300.	U				
131-11-3	Dimethylphthalate	500.	U	520.	U	540.	U				
208-96-8	Acenaphthylene	500.	U	520.	U	540.	U				
606-20-2	2,6-Dinitrotoluene	500.	U	520.	U	540.	U				
99-09-2	3-Nitroaniline	1200.	U	1300.	U	1300.	U				
83-32-9	Acenaphthene	500.	U	520.	U	540.	U				
51-28-5	2,4-Dinitrophenol	1200.	U	1300.	U	1300.	U				
100-02-7	4-Nitrophenol	1200.	U	1300.	U	1300.	U				
132-64-9	Dibenzofuran	500.	U	520.	U	540.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

SVOA											
	SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01					
	ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601					
	LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3					
	ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601					
	SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97					
	DATE EXTRACTED -->	09/05/97		09/05/97		09/05/97					
	DATE ANALYZED --->	09/09/97		09/09/97		09/09/97					
	MATRIX ---------->	Sediment		Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL	PEN12	VAL				
121-14-2	2,4-Dinitrotoluene	500.	U	520.	U	540.	U				
84-66-2	Diethylphthalate	500.	U	520.	U	540.	U				
7005-72-3	4-Chlorophenylphenyl ether	500.	U	520.	U	540.	U				
86-73-7	Fluorene	500.	U	520.	U	540.	U				
100-01-6	4-Nitroaniline	1200.	U	1300.	U	1300.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1200.	U	1300.	U	1300.	U				
86-30-6	N-Nitrosodiphenylamine	500.	U	520.	U	540.	U				
101-55-3	4-Bromophenyl-phenylether	500.	U	520.	U	540.	U				
118-74-1	Hexachlorobenzene	500.	U	520.	U	540.	U				
87-86-5	Pentachlorophenol	1200.	U	1300.	U	1300.	U				
85-01-8	Phenanthrene	97.	J	28.	J	540.	U				
120-12-7	Anthracene	16.	J	520.	U	540.	U				
86-74-8	Carbazole	500.	U	520.	U	540.	U				
84-74-2	Di-n-butylphthalate	500.	U	520.	U	540.	U				
206-44-0	Fluoranthene	260.	J	72.	J	16.	J				
129-00-0	Pyrene	300.	J	87.	J	540.	U				
85-68-7	Butylbenzylphthalate	500.	U	140.	J	540.	U				
91-94-1	3,3'-Dichlorobenzidine	1000.	U	1000.	U	1100.	U				
56-55-3	Benzo(a)anthracene	100.	J	41.	J	540.	U				
218-01-9	Chrysene	170.	J	58.	J	540.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	210.	J	950.		540.	U				
117-84-0	Di-n-octylphthalate	500.	U	290.	J	540.	U				
205-99-2	Benzo(b)fluoranthene	120.	J	62.	J	540.	U				
207-08-9	Benzo(k)fluoranthene	110.	J	520.	U	540.	U				
50-32-8	Benzo(a)pyrene	140.	J	52.	J	540.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	500.	U	520.	U	540.	U				
53-70-3	Dibenz(a,h)anthracene	500.	U	520.	U	540.	U				
191-24-2	Benzo(g,h,i)perylene	500.	U	520.	U	540.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

TOC								
	SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01		
	ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601		
	LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3		
	ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601		
	SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97		
	DATE EXTRACTED -->	09/09/97		09/09/97		09/09/97		
	DATE ANALYZED --->	09/09/97		09/09/97		09/09/97		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	PEN12	VAL	PEN12	VAL	PEN12	VAL	
9999900-01-4	Total Organic Carbon (TOC)	7000.		7400.		10000.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Sediment Sample

VOA

	SAMPLE ID ------->	041-M-5A04-01		041-M-5A05-01		041-M-5A06-01							
	ORIGINAL ID ----->	041M5A0401		041M5A0501		041M5A0601							
	LAB SAMPLE ID --->	S774839*1		S774839*2		S774839*3							
	ID FROM REPORT -->	041M5A0401		041M5A0501		041M5A0601							
	SAMPLE DATE ----->	08/28/97		08/28/97		08/28/97							
	DATE ANALYZED --->	09/03/97		09/03/97		09/03/97							
	MATRIX ---------->	Sediment		Sediment		Sediment							
	UNITS ---------->	UG/KG		UG/KG		UG/KG							
CAS #	Parameter	PEN12	VAL	PEN12	VAL	PEN12	VAL						
74-87-3	Chloromethane	15.	U	16.	U	16.	U						
75-01-4	Vinyl chloride	15.	U	16.	U	16.	U						
74-83-9	Bromomethane	15.	U	16.	U	16.	U						
75-00-3	Chloroethane	15.	U	16.	U	16.	U						
75-35-4	1,1-Dichloroethene	7.6	U	7.9	U	8.2	U						
75-09-2	Methylene chloride	7.6	U	7.9	U	8.2	U						
75-34-3	1,1-Dichloroethane	7.6	U	7.9	U	8.2	U						
67-66-3	Chloroform	7.6	U	7.9	U	8.2	U						
71-55-6	1,1,1-Trichloroethane	7.6	U	7.9	U	8.2	U						
56-23-5	Carbon tetrachloride	7.6	U	7.9	U	8.2	U						
71-43-2	Benzene	7.6	U	7.9	U	8.2	U						
107-06-2	1,2-Dichloroethane	7.6	U	7.9	U	8.2	U						
79-01-6	Trichloroethene	7.6	U	7.9	U	8.2	U						
78-87-5	1,2-Dichloropropane	7.6	U	7.9	U	8.2	U						
75-27-4	Bromodichloromethane	7.6	U	7.9	U	8.2	U						
108-88-3	Toluene	7.6	U	7.9	U	8.2	U						
79-00-5	1,1,2-Trichloroethane	7.6	U	7.9	U	8.2	U						
127-18-4	Tetrachloroethene	7.6	U	7.9	U	8.2	U						
124-48-1	Dibromochloromethane	7.6	U	7.9	U	8.2	U						
108-90-7	Chlorobenzene	7.6	U	7.9	U	8.2	U						
100-41-4	Ethylbenzene	7.6	U	7.9	U	8.2	U						
100-42-5	Styrene	7.6	U	7.9	U	8.2	U						
75-25-2	Bromoform	7.6	U	7.9	U	8.2	U						
79-34-5	1,1,2,2-Tetrachloroethane	7.6	U	7.9	U	8.2	U						
67-64-1	Acetone	15.	U	16.	U	16.	U						
75-15-0	Carbon disulfide	7.6	U	7.9	U	8.2	U						
78-93-3	2-Butanone (MEK)	15.	U	16.	U	16.	U						
108-10-1	4-Methyl-2-Pentanone (MIBK)	15.	U	16.	U	16.	U						
10061-01-5	cis-1,3-Dichloropropene	7.6	U	7.9	U	8.2	U						
10061-02-6	trans-1,3-Dichloropropene	7.6	U	7.9	U	8.2	U						
591-78-6	2-Hexanone	15.	U	16.	U	16.	U						
1330-20-7	Xylene (Total)	7.6	U	7.9	U	8.2	U						
540-59-0	1,2-Dichloroethene (total)	7.6	U	7.9	U	8.2	U						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

GRAIN SIZE

SAMPLE ID ------->	041-M-1603-01
ORIGINAL ID ----->	041M160301
LAB SAMPLE ID --->	S775003A*1
ID FROM REPORT -->	041M160301
SAMPLE DATE ----->	09/04/97
DATE ANALYZED --->	09/26/97
MATRIX ---------->	Sediment
UNITS ---------->	%

CAS #	Parameter	PEN13
9999900-32-6	Seive Size #4	100.
9999900-32-7	Seive Size #10	100.
9999900-32-8	Seive Size #20	99.8
9999900-32-9	Seive Size #40	90.2
9999900-33-0	Seive Size #60	58.6
9999900-33-1	Seive Size #100	36.1
9999900-33-2	Seive Size #200	32.2

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

METAL

SAMPLE ID ------->	041-M-1603-01
ORIGINAL ID ----->	041M160301
LAB SAMPLE ID --->	S775003A*1
ID FROM REPORT -->	041M160301
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/10/97
DATE ANALYZED --->	09/15/97
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	PEN13	VAL
7429-90-5	Aluminum	5320.	J
7440-36-0	Antimony	2.6	U
7440-38-2	Arsenic	5.5	
7440-39-3	Barium	4.7	
7440-41-7	Beryllium	0.26	
7440-43-9	Cadmium	0.91	
7440-70-2	Calcium	962.	
7440-47-3	Chromium	24.6	
7440-48-4	Cobalt	0.86	J
7440-50-8	Copper	16.	
7439-89-6	Iron	17000.	
7439-92-1	Lead	29.4	
7439-95-4	Magnesium	2410.	
7439-96-5	Manganese	39.	
7440-02-0	Nickel	4.4	
7440-09-7	Potassium	1060.	
7782-49-2	Selenium	1.	J
7440-22-4	Silver	0.34	J
7440-23-5	Sodium	8450.	
7440-28-0	Thallium	1.	UJ
7440-62-2	Vanadium	15.3	
7440-66-6	Zinc	68.5	
7439-97-6	Mercury	0.07	J
57-12-5	Cyanide (CN)	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

PEST

SAMPLE ID ------->	041-M-1603-01
ORIGINAL ID ----->	041M160301
LAB SAMPLE ID --->	S775003A*1
ID FROM REPORT -->	041M160301
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/10/97
DATE ANALYZED --->	09/12/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN13	VAL
319-84-6	alpha-BHC	4.5	U
319-85-7	beta-BHC	4.5	U
319-86-8	delta-BHC	4.5	U
58-89-9	gamma-BHC (Lindane)	4.5	U
76-44-8	Heptachlor	4.5	U
309-00-2	Aldrin	4.5	U
1024-57-3	Heptachlor epoxide	4.5	U
959-98-8	Endosulfan I	4.5	U
60-57-1	Dieldrin	8.7	U
72-55-9	4,4'-DDE	4.8	J
72-20-8	Endrin	1.3	J
33213-65-9	Endosulfan II	8.7	U
72-54-8	4,4'-DDD	6.9	J
1031-07-8	Endosulfan sulfate	8.7	U
50-29-3	4,4'-DDT	16.	
72-43-5	Methoxychlor	45.	U
53494-70-5	Endrin ketone	8.7	U
7421-93-4	Endrin aldehyde	8.7	U
5103-71-9	alpha-Chlordane	4.5	U
5103-74-2	gamma-Chlordane	4.5	U
8001-35-2	Toxaphene	450.	U
12674-11-2	Aroclor-1016	87.	U
11104-28-2	Aroclor-1221	180.	U
11141-16-5	Aroclor-1232	87.	U
53469-21-9	Aroclor-1242	87.	U
12672-29-6	Aroclor-1248	87.	U
11097-69-1	Aroclor-1254	87.	U
11096-82-5	Aroclor-1260	87.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

SVOA

SAMPLE ID ------->	041-M-1603-01
ORIGINAL ID ----->	041M160301
LAB SAMPLE ID --->	S775003A*1
ID FROM REPORT -->	041M160301
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/10/97
DATE ANALYZED --->	09/11/97
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN13	VAL
108-95-2	Phenol	870.	U
111-44-4	bis(2-Chloroethyl)ether	870.	U
95-57-8	2-Chlorophenol	870.	U
541-73-1	1,3-Dichlorobenzene	870.	U
106-46-7	1,4-Dichlorobenzene	870.	U
95-50-1	1,2-Dichlorobenzene	870.	U
95-48-7	2-Methylphenol (o-Cresol)	870.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	870.	UJ
9999900-32-2	3-Methylphenol/4-Methylphenol	870.	U
621-64-7	N-Nitroso-di-n-propylamine	870.	U
67-72-1	Hexachloroethane	870.	U
98-95-3	Nitrobenzene	870.	U
78-59-1	Isophorone	870.	U
88-75-5	2-Nitrophenol	870.	U
105-67-9	2,4-Dimethylphenol	870.	U
120-83-2	2,4-Dichlorophenol	870.	U
120-82-1	1,2,4-Trichlorobenzene	870.	U
91-20-3	Naphthalene	870.	U
106-47-8	4-Chloroaniline	870.	U
87-68-3	Hexachlorobutadiene	870.	U
111-91-1	bis(2-Chloroethoxy)methane	870.	U
59-50-7	4-Chloro-3-methylphenol	870.	U
91-57-6	2-Methylnaphthalene	870.	U
77-47-4	Hexachlorocyclopentadiene	870.	U
88-06-2	2,4,6-Trichlorophenol	870.	U
95-95-4	2,4,5-Trichlorophenol	870.	U
91-58-7	2-Chloronaphthalene	870.	U
88-74-4	2-Nitroaniline	2100.	U
131-11-3	Dimethylphthalate	870.	U
208-96-8	Acenaphthylene	870.	U
606-20-2	2,6-Dinitrotoluene	870.	U
99-09-2	3-Nitroaniline	2100.	U
83-32-9	Acenaphthene	870.	U
51-28-5	2,4-Dinitrophenol	2100.	U
100-02-7	4-Nitrophenol	2100.	U
132-64-9	Dibenzofuran	870.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

SVOA

SAMPLE ID -------> 041-M-1603-01
ORIGINAL ID -----> 041M160301
LAB SAMPLE ID ---> S775003A*1
ID FROM REPORT --> 041M160301
SAMPLE DATE -----> 09/04/97
DATE EXTRACTED --> 09/10/97
DATE ANALYZED ---> 09/11/97
MATRIX ----------> Sediment
UNITS -----------> UG/KG

CAS #	Parameter	PEN13	VAL
121-14-2	2,4-Dinitrotoluene	870.	U
84-66-2	Diethylphthalate	870.	U
7005-72-3	4-Chlorophenylphenyl ether	870.	U
86-73-7	Fluorene	870.	U
100-01-6	4-Nitroaniline	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U
86-30-6	N-Nitrosodiphenylamine	870.	U
101-55-3	4-Bromophenyl-phenylether	870.	U
118-74-1	Hexachlorobenzene	870.	U
87-86-5	Pentachlorophenol	2100.	U
85-01-8	Phenanthrene	870.	U
120-12-7	Anthracene	870.	U
86-74-8	Carbazole	870.	U
84-74-2	Di-n-butylphthalate	870.	U
206-44-0	Fluoranthene	32.	J
129-00-0	Pyrene	870.	U
85-68-7	Butylbenzylphthalate	870.	U
91-94-1	3,3'-Dichlorobenzidine	1700.	UJ
56-55-3	Benzo(a)anthracene	870.	U
218-01-9	Chrysene	870.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	870.	U
117-84-0	Di-n-octylphthalate	870.	U
205-99-2	Benzo(b)fluoranthene	870.	U
207-08-9	Benzo(k)fluoranthene	870.	U
50-32-8	Benzo(a)pyrene	870.	U
193-39-5	Indeno(1,2,3-cd)pyrene	870.	U
53-70-3	Dibenz(a,h)anthracene	870.	U
191-24-2	Benzo(g,h,i)perylene	870.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

TOC							
	SAMPLE ID ------->	041-M-1603-01					
	ORIGINAL ID ----->	041M160301					
	LAB SAMPLE ID --->	S775003A*1					
	ID FROM REPORT -->	041M160301					
	SAMPLE DATE ----->	09/04/97					
	DATE EXTRACTED -->	09/12/97					
	DATE ANALYZED --->	09/12/97					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	PEN13 VAL					
9999900-01-4	Total Organic Carbon (TOC)	17000.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 16 Phase III Sediment Sample

VOA

SAMPLE ID ------->	041-M-1603-01
ORIGINAL ID ----->	041M160301
LAB SAMPLE ID --->	S775003A*1
ID FROM REPORT -->	041M160301
SAMPLE DATE ----->	09/04/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN13	VAL
74-87-3	Chloromethane	26.	U
75-01-4	Vinyl chloride	26.	U
74-83-9	Bromomethane	26.	U
75-00-3	Chloroethane	26.	U
75-35-4	1,1-Dichloroethene	13.	U
75-09-2	Methylene chloride	13.	U
75-34-3	1,1-Dichloroethane	13.	U
67-66-3	Chloroform	13.	U
71-55-6	1,1,1-Trichloroethane	13.	U
56-23-5	Carbon tetrachloride	13.	U
71-43-2	Benzene	13.	U
107-06-2	1,2-Dichloroethane	13.	U
79-01-6	Trichloroethene	13.	U
78-87-5	1,2-Dichloropropane	13.	U
75-27-4	Bromodichloromethane	13.	U
108-88-3	Toluene	13.	U
79-00-5	1,1,2-Trichloroethane	13.	U
127-18-4	Tetrachloroethene	13.	U
124-48-1	Dibromochloromethane	13.	U
108-90-7	Chlorobenzene	13.	U
100-41-4	Ethylbenzene	13.	U
100-42-5	Styrene	13.	U
75-25-2	Bromoform	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	13.	U
67-64-1	Acetone	26.	U
75-15-0	Carbon disulfide	13.	U
78-93-3	2-Butanone (MEK)	26.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	26.	U
10061-01-5	cis-1,3-Dichloropropene	13.	U
10061-02-6	trans-1,3-Dichloropropene	13.	U
591-78-6	2-Hexanone	26.	U
1330-20-7	Xylene (Total)	13.	U
540-59-0	1,2-Dichloroethene (total)	13.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

GRAIN SIZE		
	SAMPLE ID ------->	041-M-18B1-01
	ORIGINAL ID ----->	041M18B101
	LAB SAMPLE ID --->	S774881*2
	ID FROM REPORT -->	041M18B101
	SAMPLE DATE ----->	08/29/97
	DATE ANALYZED --->	09/26/97
	MATRIX ---------->	Sediment
	UNITS ---------->	%
CAS #	Parameter	PEN12
9999900-32-6	Seive Size #4	90.6
9999900-32-7	Seive Size #10	87.
9999900-32-8	Seive Size #20	79.9
9999900-32-9	Seive Size #40	69.9
9999900-33-0	Seive Size #60	45.9
9999900-33-1	Seive Size #100	32.8
9999900-33-2	Seive Size #200	27.3

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

METAL

SAMPLE ID -------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	S774881*2
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	08/29/97
DATE EXTRACTED -->	09/08/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	PEN12	VAL
7429-90-5	Aluminum	605.	
7440-36-0	Antimony	2.	UJ
7440-38-2	Arsenic	13.8	
7440-39-3	Barium	1.8	J
7440-41-7	Beryllium	0.07	J
7440-43-9	Cadmium	0.4	UJ
7440-70-2	Calcium	1050.	
7440-47-3	Chromium	3.6	
7440-48-4	Cobalt	0.27	UJ
7440-50-8	Copper	1.7	
7439-89-6	Iron	20800.	
7439-92-1	Lead	5.9	
7439-95-4	Magnesium	869.	
7439-96-5	Manganese	10.8	
7440-02-0	Nickel	0.55	U
7440-09-7	Potassium	220.	
7782-49-2	Selenium	0.74	J
7440-22-4	Silver	0.12	UJ
7440-23-5	Sodium	3750.	
7440-28-0	Thallium	0.8	U
7440-62-2	Vanadium	6.3	
7440-66-6	Zinc	5.7	
7439-97-6	Mercury	0.02	U
57-12-5	Cyanide (CN)	1.2	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

PEST

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	S774881*2
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	08/29/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/12/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN12	VAL
319-84-6	alpha-BHC	3.5	U
319-85-7	beta-BHC	3.5	U
319-86-8	delta-BHC	3.5	U
58-89-9	gamma-BHC (Lindane)	3.5	U
76-44-8	Heptachlor	3.5	U
309-00-2	Aldrin	3.5	U
1024-57-3	Heptachlor epoxide	3.5	U
959-98-8	Endosulfan I	3.5	U
60-57-1	Dieldrin	6.7	U
72-55-9	4,4'-DDE	6.1	J
72-20-8	Endrin	6.7	U
33213-65-9	Endosulfan II	6.7	U
72-54-8	4,4'-DDD	36.	
1031-07-8	Endosulfan sulfate	6.7	U
50-29-3	4,4'-DDT	110.	D
72-43-5	Methoxychlor	35.	U
53494-70-5	Endrin ketone	6.7	U
7421-93-4	Endrin aldehyde	6.7	U
5103-71-9	alpha-Chlordane	3.5	U
5103-74-2	gamma-Chlordane	3.5	U
8001-35-2	Toxaphene	350.	U
12674-11-2	Aroclor-1016	67.	U
11104-28-2	Aroclor-1221	140.	U
11141-16-5	Aroclor-1232	67.	U
53469-21-9	Aroclor-1242	67.	U
12672-29-6	Aroclor-1248	67.	U
11097-69-1	Aroclor-1254	67.	U
11096-82-5	Aroclor-1260	67.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

SVOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	S774881*2
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	08/29/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN12	VAL
108-95-2	Phenol	670.	U
111-44-4	bis(2-Chloroethyl)ether	670.	U
95-57-8	2-Chlorophenol	670.	U
541-73-1	1,3-Dichlorobenzene	670.	U
106-46-7	1,4-Dichlorobenzene	670.	U
95-50-1	1,2-Dichlorobenzene	670.	U
95-48-7	2-Methylphenol (o-Cresol)	670.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	670.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	670.	U
621-64-7	N-Nitroso-di-n-propylamine	670.	U
67-72-1	Hexachloroethane	670.	U
98-95-3	Nitrobenzene	670.	U
78-59-1	Isophorone	670.	U
88-75-5	2-Nitrophenol	670.	U
105-67-9	2,4-Dimethylphenol	670.	U
120-83-2	2,4-Dichlorophenol	670.	U
120-82-1	1,2,4-Trichlorobenzene	670.	U
91-20-3	Naphthalene	670.	U
106-47-8	4-Chloroaniline	670.	U
87-68-3	Hexachlorobutadiene	670.	U
111-91-1	bis(2-Chloroethoxy)methane	670.	U
59-50-7	4-Chloro-3-methylphenol	670.	U
91-57-6	2-Methylnaphthalene	670.	U
77-47-4	Hexachlorocyclopentadiene	670.	U
88-06-2	2,4,6-Trichlorophenol	670.	U
95-95-4	2,4,5-Trichlorophenol	670.	U
91-58-7	2-Chloronaphthalene	670.	U
88-74-4	2-Nitroaniline	1600.	U
131-11-3	Dimethylphthalate	670.	U
208-96-8	Acenaphthylene	670.	U
606-20-2	2,6-Dinitrotoluene	670.	U
99-09-2	3-Nitroaniline	1600.	U
83-32-9	Acenaphthene	670.	U
51-28-5	2,4-Dinitrophenol	1600.	U
100-02-7	4-Nitrophenol	1600.	U
132-64-9	Dibenzofuran	670.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

SVOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	S774881*2
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	08/29/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN12	VAL
121-14-2	2,4-Dinitrotoluene	670.	U
84-66-2	Diethylphthalate	670.	U
7005-72-3	4-Chlorophenylphenyl ether	670.	U
86-73-7	Fluorene	670.	U
100-01-6	4-Nitroaniline	1600.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1600.	U
86-30-6	N-Nitrosodiphenylamine	670.	U
101-55-3	4-Bromophenyl-phenylether	670.	U
118-74-1	Hexachlorobenzene	670.	U
87-86-5	Pentachlorophenol	1600.	U
85-01-8	Phenanthrene	670.	U
120-12-7	Anthracene	670.	U
86-74-8	Carbazole	670.	U
84-74-2	Di-n-butylphthalate	670.	U
206-44-0	Fluoranthene	670.	U
129-00-0	Pyrene	670.	U
85-68-7	Butylbenzylphthalate	670.	U
91-94-1	3,3'-Dichlorobenzidine	1300.	U
56-55-3	Benzo(a)anthracene	670.	U
218-01-9	Chrysene	670.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	670.	U
117-84-0	Di-n-octylphthalate	670.	U
205-99-2	Benzo(b)fluoranthene	670.	U
207-08-9	Benzo(k)fluoranthene	670.	U
50-32-8	Benzo(a)pyrene	670.	U
193-39-5	Indeno(1,2,3-cd)pyrene	670.	U
53-70-3	Dibenz(a,h)anthracene	670.	U
191-24-2	Benzo(g,h,i)perylene	670.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

TOC							
	SAMPLE ID ------->	041-M-18B1-01					
	ORIGINAL ID ----->	041M18B101					
	LAB SAMPLE ID --->	S774881*2					
	ID FROM REPORT -->	041M18B101					
	SAMPLE DATE ----->	08/29/97					
	DATE EXTRACTED -->	09/09/97					
	DATE ANALYZED --->	09/09/97					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	PEN12 VAL					
9999900-01-4	Total Organic Carbon (TOC)	9000.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Sediment Sample

VOA

SAMPLE ID ------->	041-M-18B1-01
ORIGINAL ID ----->	041M18B101
LAB SAMPLE ID --->	S774881*2
ID FROM REPORT -->	041M18B101
SAMPLE DATE ----->	08/29/97
DATE ANALYZED --->	09/05/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN12	VAL
74-87-3	Chloromethane	20.	U
75-01-4	Vinyl chloride	20.	U
74-83-9	Bromomethane	20.	U
75-00-3	Chloroethane	20.	U
75-35-4	1,1-Dichloroethene	10.	U
75-09-2	Methylene chloride	10.	U
75-34-3	1,1-Dichloroethane	10.	U
67-66-3	Chloroform	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon tetrachloride	10.	U
71-43-2	Benzene	10.	U
107-06-2	1,2-Dichloroethane	10.	U
79-01-6	Trichloroethene	10.	U
78-87-5	1,2-Dichloropropane	10.	U
75-27-4	Bromodichloromethane	10.	U
108-88-3	Toluene	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
127-18-4	Tetrachloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
75-25-2	Bromoform	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
67-64-1	Acetone	53.	
75-15-0	Carbon disulfide	10.	U
78-93-3	2-Butanone (MEK)	20.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	20.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
591-78-6	2-Hexanone	20.	U
1330-20-7	Xylene (Total)	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

GRAIN SIZE							
	SAMPLE ID ------->	041-M-6404-01	041-M-6405-01	041-M-6406-01			
	ORIGINAL ID ----->	041M640401	041M640501	041M640601			
	LAB SAMPLE ID --->	S775003A*3	S775003A*2	S774999*2			
	ID FROM REPORT -->	041M640401	041M640501	041M640601			
	SAMPLE DATE ----->	09/04/97	09/04/97	09/03/97			
	DATE ANALYZED --->	09/26/97	09/26/97	09/26/97			
	MATRIX ---------->	Sediment	Sediment	Sediment			
	UNITS ---------->	%	%	%			
CAS #	Parameter	PEN13	PEN13	PEN13			
9999900-32-6	Seive Size #4	98.6	99.6	100.			
9999900-32-7	Seive Size #10	96.4	98.3	98.9			
9999900-32-8	Seive Size #20	93.1	96.7	97.2			
9999900-32-9	Seive Size #40	85.8	92.3	92.5			
9999900-33-0	Seive Size #60	63.4	77.3	73.1			
9999900-33-1	Seive Size #100	41.7	61.4	51.3			
9999900-33-2	Seive Size #200	35.1	53.3	43.4			

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

METAL													
		SAMPLE ID ------->	041-M-6404-01		041-M-6405-01		041-M-6406-01						
		ORIGINAL ID ----->	041M640401		041M640501		041M640601						
		LAB SAMPLE ID --->	S775003A*3		S775003A*2		S774999*2						
		ID FROM REPORT -->	041M640401		041M640501		041M640601						
		SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97						
		DATE EXTRACTED -->	09/10/97		09/10/97		09/10/97						
		DATE ANALYZED --->	09/15/97		09/15/97		09/15/97						
		MATRIX ---------->	Sediment		Sediment		Sediment						
		UNITS ---------->	MG/KG		MG/KG		MG/KG						
CAS #	Parameter		PEN13	VAL	PEN13	VAL	PEN13	VAL					
7429-90-5	Aluminum		8890.	J	7600.	J	8900.	J					
7440-36-0	Antimony		4.	U	2.5	J	3.2	U					
7440-38-2	Arsenic		7.		6.9		7.8						
7440-39-3	Barium		17.1		17.		15.2						
7440-41-7	Beryllium		0.3	J	0.34		0.34						
7440-43-9	Cadmium		20.2		17.7		21.						
7440-70-2	Calcium		3210.		2660.		2970.						
7440-47-3	Chromium		774.		592.		868.						
7440-48-4	Cobalt		3.		3.4		2.7						
7440-50-8	Copper		102.		146.		115.						
7439-89-6	Iron		13600.		13300.		12100.						
7439-92-1	Lead		346.		330.		339.						
7439-95-4	Magnesium		4190.		3230.		3530.						
7439-96-5	Manganese		44.9		65.8		48.8						
7440-02-0	Nickel		9.8		12.3		11.3						
7440-09-7	Potassium		1350.		1090.		1150.						
7782-49-2	Selenium		1.6	J	1.5	J	1.3	J					
7440-22-4	Silver		2.	J	3.		1.9	J					
7440-23-5	Sodium		18300.		10100.		13800.						
7440-28-0	Thallium		1.6	UJ	1.	UJ	1.3	UJ					
7440-62-2	Vanadium		18.4		15.9		17.3						
7440-66-6	Zinc		468.		306.		330.						
7439-97-6	Mercury		0.26		0.26		0.25						
57-12-5	Cyanide (CN)		NR		NR		NR						

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

PEST											
		SAMPLE ID ------->	041-M-6404-01		041-M-6405-01		041-M-6406-01				
		ORIGINAL ID ----->	041M640401		041M640501		041M640601				
		LAB SAMPLE ID --->	S775003A*3		S775003A*2		S774999*2				
		ID FROM REPORT -->	041M640401		041M640501		041M640601				
		SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97				
		DATE EXTRACTED -->	09/10/97		09/10/97		09/10/97				
		DATE ANALYZED --->	09/17/97		09/17/97		09/17/97				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		PEN13	VAL	PEN13	VAL	PEN13	VAL			
319-84-6	alpha-BHC		14.	U	8.9	U	5.7	U			
319-85-7	beta-BHC		14.	U	8.9	U	5.7	U			
319-86-8	delta-BHC		0.69	NJ	8.9	U	0.94	NJ			
58-89-9	gamma-BHC (Lindane)		14.	U	8.9	U	0.95	U			
76-44-8	Heptachlor		14.	U	8.9	U	5.7	U			
309-00-2	Aldrin		1.3	U	0.91	U	1.7	U			
1024-57-3	Heptachlor epoxide		14.	U	1.9	U	0.98	U			
959-98-8	Endosulfan I		2.4	J	0.86	U	1.3	J			
60-57-1	Dieldrin		20.	J	17.	J	7.7	J			
72-55-9	4,4'-DDE		89.		33.		44.				
72-20-8	Endrin		26.	U	17.	U	11.	U			
33213-65-9	Endosulfan II		26.	U	17.	U	11.	U			
72-54-8	4,4'-DDD		89.		30.		53.				
1031-07-8	Endosulfan sulfate		26.	U	17.	U	11.	U			
50-29-3	4,4'-DDT		18.	J	7.7	U	19.				
72-43-5	Methoxychlor		140.	U	89.	U	57.	U			
53494-70-5	Endrin ketone		26.	U	17.	U	11.	U			
7421-93-4	Endrin aldehyde		26.	U	17.	U	11.	U			
5103-71-9	alpha-Chlordane		3.7	J	2.9	J	2.4	U			
5103-74-2	gamma-Chlordane		16.	U	3.5	U	3.6	U			
8001-35-2	Toxaphene		1400.	U	890.	U	570.	U			
12674-11-2	Aroclor-1016		260.	U	170.	U	110.	U			
11104-28-2	Aroclor-1221		540.	U	350.	U	220.	U			
11141-16-5	Aroclor-1232		260.	U	170.	U	110.	U			
53469-21-9	Aroclor-1242		260.	U	170.	U	110.	U			
12672-29-6	Aroclor-1248		260.	U	170.	U	110.	U			
11097-69-1	Aroclor-1254		260.	U	170.	U	110.	U			
11096-82-5	Aroclor-1260		300.		280.		180.				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

SVOA											
		SAMPLE ID ------->	041-M-6404-01		041-M-6405-01		041-M-6406-01				
		ORIGINAL ID ----->	041M640401		041M640501		041M640601				
		LAB SAMPLE ID --->	S775003A*3		S775003A*2		S774999*2				
		ID FROM REPORT -->	041M640401		041M640501		041M640601				
		SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97				
		DATE EXTRACTED -->	09/10/97		09/10/97		09/10/97				
		DATE ANALYZED --->	09/13/97		09/13/97		09/13/97				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		PEN13	VAL	PEN13	VAL	PEN13	VAL			
108-95-2	Phenol		1300.	U	870.	U	1100.	U			
111-44-4	bis(2-Chloroethyl)ether		1300.	U	870.	U	1100.	U			
95-57-8	2-Chlorophenol		1300.	U	870.	U	1100.	U			
541-73-1	1,3-Dichlorobenzene		1300.	U	870.	U	1100.	U			
106-46-7	1,4-Dichlorobenzene		1300.	U	870.	U	1100.	U			
95-50-1	1,2-Dichlorobenzene		1300.	U	870.	U	1100.	U			
95-48-7	2-Methylphenol (o-Cresol)		1300.	U	870.	U	1100.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		1300.	U	870.	U	1100.	U			
9999900-32-2	3-Methylphenol/4-Methylphenol		1300.	U	870.	U	1100.	U			
621-64-7	N-Nitroso-di-n-propylamine		1300.	U	870.	U	1100.	U			
67-72-1	Hexachloroethane		1300.	U	870.	U	1100.	U			
98-95-3	Nitrobenzene		1300.	U	870.	U	1100.	U			
78-59-1	Isophorone		1300.	U	870.	U	1100.	U			
88-75-5	2-Nitrophenol		1300.	U	870.	U	1100.	U			
105-67-9	2,4-Dimethylphenol		1300.	U	870.	U	1100.	U			
120-83-2	2,4-Dichlorophenol		1300.	U	870.	U	1100.	U			
120-82-1	1,2,4-Trichlorobenzene		1300.	U	870.	U	1100.	U			
91-20-3	Naphthalene		110.	J	110.	J	310.	J			
106-47-8	4-Chloroaniline		1300.	U	870.	U	1100.	U			
87-68-3	Hexachlorobutadiene		1300.	U	870.	U	1100.	U			
111-91-1	bis(2-Chloroethoxy)methane		1300.	U	870.	U	1100.	U			
59-50-7	4-Chloro-3-methylphenol		1300.	U	870.	U	1100.	U			
91-57-6	2-Methylnaphthalene		1300.	U	870.	U	1100.	U			
77-47-4	Hexachlorocyclopentadiene		1300.	U	870.	U	1100.	U			
88-06-2	2,4,6-Trichlorophenol		1300.	U	870.	U	1100.	U			
95-95-4	2,4,5-Trichlorophenol		1300.	U	870.	U	1100.	U			
91-58-7	2-Chloronaphthalene		1300.	U	870.	U	1100.	U			
88-74-4	2-Nitroaniline		3200.	U	2100.	U	2700.	U			
131-11-3	Dimethylphthalate		1300.	U	870.	U	1100.	U			
208-96-8	Acenaphthylene		1300.	U	870.	U	1100.	U			
606-20-2	2,6-Dinitrotoluene		1300.	U	870.	U	1100.	U			
99-09-2	3-Nitroaniline		3200.	U	2100.	U	2700.	U			
83-32-9	Acenaphthene		260.	J	310.	J	750.	J			
51-28-5	2,4-Dinitrophenol		3200.	U	2100.	U	2700.	U			
100-02-7	4-Nitrophenol		3200.	U	2100.	U	2700.	U			
132-64-9	Dibenzofuran		1300.	U	130.	J	350.	J			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

SVOA											
		SAMPLE ID ------->	041-M-6404-01		041-M-6405-01		041-M-6406-01				
		ORIGINAL ID ----->	041M640401		041M640501		041M640601				
		LAB SAMPLE ID --->	S775003A*3		S775003A*2		S774999*2				
		ID FROM REPORT -->	041M640401		041M640501		041M640601				
		SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97				
		DATE EXTRACTED -->	09/10/97		09/10/97		09/10/97				
		DATE ANALYZED --->	09/13/97		09/13/97		09/13/97				
		MATRIX ---------->	Sediment		Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		PEN13	VAL	PEN13	VAL	PEN13	VAL			
121-14-2	2,4-Dinitrotoluene		1300.	U	870.	U	1100.	U			
84-66-2	Diethylphthalate		1300.	U	870.	U	1100.	U			
7005-72-3	4-Chlorophenylphenyl ether		1300.	U	870.	U	1100.	U			
86-73-7	Fluorene		210.	J	290.	J	750.	J			
100-01-6	4-Nitroaniline		3200.	U	2100.	U	2700.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		3200.	U	2100.	U	2700.	U			
86-30-6	N-Nitrosodiphenylamine		1300.	U	870.	U	1100.	U			
101-55-3	4-Bromophenyl-phenylether		1300.	U	870.	U	1100.	U			
118-74-1	Hexachlorobenzene		1300.	U	870.	U	1100.	U			
87-86-5	Pentachlorophenol		3200.	U	2100.	U	2700.	U			
85-01-8	Phenanthrene		1800.		2000.		4300.				
120-12-7	Anthracene		310.	J	340.	J	1000.	J			
86-74-8	Carbazole		320.	J	350.	J	800.	J			
84-74-2	Di-n-butylphthalate		1300.	U	870.	U	1100.	U			
206-44-0	Fluoranthene		2700.		2800.		5000.				
129-00-0	Pyrene		3100.	J	3000.	J	4800.	J			
85-68-7	Butylbenzylphthalate		710.	J	240.	J	330.	J			
91-94-1	3,3'-Dichlorobenzidine		2600.	U	1700.	U	2200.	U			
56-55-3	Benzo(a)anthracene		1100.	J	1300.		2100.				
218-01-9	Chrysene		1200.	J	1300.		2100.				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		3300.		2000.		3900.				
117-84-0	Di-n-octylphthalate		1300.	UJ	870.	UJ	1100.	U			
205-99-2	Benzo(b)fluoranthene		1100.	J	1400.	J	1800.				
207-08-9	Benzo(k)fluoranthene		1300.	J	1300.	J	1900.				
50-32-8	Benzo(a)pyrene		1000.	J	1200.	J	1700.				
193-39-5	Indeno(1,2,3-cd)pyrene		680.	J	820.	J	1000.	J			
53-70-3	Dibenz(a,h)anthracene		1300.	UJ	870.	UJ	1100.	U			
191-24-2	Benzo(g,h,i)perylene		470.	J	880.	J	980.	J			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

TOC								
	SAMPLE ID ------->	041-M-6404-01		041-M-6405-01		041-M-6406-01		
	ORIGINAL ID ----->	041M640401		041M640501		041M640601		
	LAB SAMPLE ID --->	S775003A*3		S775003A*2		S774999*2		
	ID FROM REPORT -->	041M640401		041M640501		041M640601		
	SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97		
	DATE EXTRACTED -->	09/12/97		09/12/97		09/12/97		
	DATE ANALYZED --->	09/12/97		09/12/97		09/12/97		
	MATRIX ---------->	Sediment		Sediment		Sediment		
	UNITS ---------->	MG/KG		MG/KG		MG/KG		
CAS #	Parameter	PEN13	VAL	PEN13	VAL	PEN13	VAL	
9999900-01-4	Total Organic Carbon (TOC)	70000.		60000.		86000.		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Sediment Sample

VOA									
	SAMPLE ID ------->	041-M-6404-01		041-M-6405-01 RE		041-M-6406-01			
	ORIGINAL ID ----->	041M640401		041M640501		041M640601			
	LAB SAMPLE ID --->	S775003A*3		S775003A*2*R		S774962*2			
	ID FROM REPORT -->	041M640401		041M640501		041M640601			
	SAMPLE DATE ----->	09/04/97		09/04/97		09/03/97			
	DATE ANALYZED --->	09/09/97		09/09/97		09/08/97			
	MATRIX ---------->	Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG		UG/KG		UG/KG			
CAS #	Parameter	PEN13	VAL	PEN13	VAL	PEN12	VAL		
74-87-3	Chloromethane	40.	U	26.	U	59.	U		
75-01-4	Vinyl chloride	40.	U	26.	U	59.	U		
74-83-9	Bromomethane	40.	U	26.	U	59.	U		
75-00-3	Chloroethane	40.	U	26.	U	59.	U		
75-35-4	1,1-Dichloroethene	20.	U	13.	U	29.	U		
75-09-2	Methylene chloride	20.	U	13.	U	29.	U		
75-34-3	1,1-Dichloroethane	20.	U	13.	U	29.	U		
67-66-3	Chloroform	20.	U	13.	U	29.	U		
71-55-6	1,1,1-Trichloroethane	20.	U	13.	U	29.	U		
56-23-5	Carbon tetrachloride	20.	U	13.	U	29.	U		
71-43-2	Benzene	20.	U	13.	U	29.	U		
107-06-2	1,2-Dichloroethane	20.	U	13.	U	29.	U		
79-01-6	Trichloroethene	20.	U	13.	U	29.	U		
78-87-5	1,2-Dichloropropane	20.	U	13.	U	29.	U		
75-27-4	Bromodichloromethane	20.	U	13.	U	29.	U		
108-88-3	Toluene	20.	U	13.	U	29.	U		
79-00-5	1,1,2-Trichloroethane	20.	U	13.	U	29.	U		
127-18-4	Tetrachloroethene	20.	U	13.	U	29.	U		
124-48-1	Dibromochloromethane	20.	U	13.	U	29.	U		
108-90-7	Chlorobenzene	20.	U	13.	U	29.	U		
100-41-4	Ethylbenzene	20.	U	13.	U	29.	U		
100-42-5	Styrene	20.	U	13.	U	29.	U		
75-25-2	Bromoform	20.	U	13.	U	29.	U		
79-34-5	1,1,2,2-Tetrachloroethane	20.	U	13.	U	29.	U		
67-64-1	Acetone	32.	J	32.	J	59.	U		
75-15-0	Carbon disulfide	20.	U	13.	U	29.	U		
78-93-3	2-Butanone (MEK)	40.	U	26.	U	59.	U		
108-10-1	4-Methyl-2-Pentanone (MIBK)	40.	U	26.	U	59.	U		
10061-01-5	cis-1,3-Dichloropropene	20.	U	13.	U	29.	U		
10061-02-6	trans-1,3-Dichloropropene	20.	U	13.	U	29.	U		
591-78-6	2-Hexanone	40.	U	26.	U	59.	U		
1330-20-7	Xylene (Total)	20.	U	13.	U	29.	U		
540-59-0	1,2-Dichloroethene (total)	20.	U	13.	U	29.	U		

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

GRAIN SIZE							
		SAMPLE ID ------->	041-M-7501-01				
		ORIGINAL ID ----->	041M750101				
		LAB SAMPLE ID --->	S774839*4				
		ID FROM REPORT -->	041M750101				
		SAMPLE DATE ----->	08/28/97				
		DATE ANALYZED --->	09/26/97				
		MATRIX ---------->	Sediment				
		UNITS ---------->	%				
CAS #	Parameter		PEN12				
9999900-32-6	Seive Size #4		100.				
9999900-32-7	Seive Size #10		99.9				
9999900-32-8	Seive Size #20		99.6				
9999900-32-9	Seive Size #40		91.				
9999900-33-0	Seive Size #60		48.5				
9999900-33-1	Seive Size #100		25.8				
9999900-33-2	Seive Size #200		24.6				

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

METAL

SAMPLE ID ------->	041-M-7501-01
ORIGINAL ID ----->	041M750101
LAB SAMPLE ID --->	S774839*4
ID FROM REPORT -->	041M750101
SAMPLE DATE ----->	08/28/97
DATE EXTRACTED -->	09/08/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	PEN12	VAL
7429-90-5	Aluminum	1350.	
7440-36-0	Antimony	1.6	UJ
7440-38-2	Arsenic	0.47	UJ
7440-39-3	Barium	4.	
7440-41-7	Beryllium	0.05	U
7440-43-9	Cadmium	0.07	UJ
7440-70-2	Calcium	1300.	
7440-47-3	Chromium	2.1	
7440-48-4	Cobalt	0.22	UJ
7440-50-8	Copper	0.82	J
7439-89-6	Iron	681.	
7439-92-1	Lead	6.5	
7439-95-4	Magnesium	100.	
7439-96-5	Manganese	4.4	
7440-02-0	Nickel	0.49	J
7440-09-7	Potassium	27.9	J
7782-49-2	Selenium	1.	J
7440-22-4	Silver	0.1	UJ
7440-23-5	Sodium	30.2	J
7440-28-0	Thallium	0.65	U
7440-62-2	Vanadium	2.	
7440-66-6	Zinc	17.5	
7439-97-6	Mercury	0.04	J
57-12-5	Cyanide (CN)	0.99	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

PEST

SAMPLE ID ------->	041-M-7501-01
ORIGINAL ID ----->	041M750101
LAB SAMPLE ID --->	S774839*4
ID FROM REPORT -->	041M750101
SAMPLE DATE ----->	08/28/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/10/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN12	VAL
319-84-6	alpha-BHC	2.8	U
319-85-7	beta-BHC	2.8	U
319-86-8	delta-BHC	2.8	U
58-89-9	gamma-BHC (Lindane)	2.5	J
76-44-8	Heptachlor	2.8	U
309-00-2	Aldrin	2.8	U
1024-57-3	Heptachlor epoxide	2.8	U
959-98-8	Endosulfan I	2.8	U
60-57-1	Dieldrin	0.57	U
72-55-9	4,4'-DDE	5.7	
72-20-8	Endrin	5.5	U
33213-65-9	Endosulfan II	5.5	U
72-54-8	4,4'-DDD	8.3	
1031-07-8	Endosulfan sulfate	5.5	U
50-29-3	4,4'-DDT	2.	J
72-43-5	Methoxychlor	3.7	U
53494-70-5	Endrin ketone	5.5	U
7421-93-4	Endrin aldehyde	0.47	U
5103-71-9	alpha-Chlordane	2.8	U
5103-74-2	gamma-Chlordane	0.3	U
8001-35-2	Toxaphene	280.	U
12674-11-2	Aroclor-1016	55.	U
11104-28-2	Aroclor-1221	110.	U
11141-16-5	Aroclor-1232	55.	U
53469-21-9	Aroclor-1242	55.	U
12672-29-6	Aroclor-1248	55.	U
11097-69-1	Aroclor-1254	55.	U
11096-82-5	Aroclor-1260	55.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-7501-01
ORIGINAL ID ----->	041M750101
LAB SAMPLE ID --->	S774839*4
ID FROM REPORT -->	041M750101
SAMPLE DATE ----->	08/28/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN12	VAL
108-95-2	Phenol	550.	U
111-44-4	bis(2-Chloroethyl)ether	550.	U
95-57-8	2-Chlorophenol	550.	U
541-73-1	1,3-Dichlorobenzene	550.	U
106-46-7	1,4-Dichlorobenzene	550.	U
95-50-1	1,2-Dichlorobenzene	550.	U
95-48-7	2-Methylphenol (o-Cresol)	550.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	550.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	22.	J
621-64-7	N-Nitroso-di-n-propylamine	550.	U
67-72-1	Hexachloroethane	550.	U
98-95-3	Nitrobenzene	550.	U
78-59-1	Isophorone	550.	U
88-75-5	2-Nitrophenol	550.	U
105-67-9	2,4-Dimethylphenol	550.	U
120-83-2	2,4-Dichlorophenol	550.	U
120-82-1	1,2,4-Trichlorobenzene	550.	U
91-20-3	Naphthalene	550.	U
106-47-8	4-Chloroaniline	550.	U
87-68-3	Hexachlorobutadiene	550.	U
111-91-1	bis(2-Chloroethoxy)methane	550.	U
59-50-7	4-Chloro-3-methylphenol	550.	U
91-57-6	2-Methylnaphthalene	550.	U
77-47-4	Hexachlorocyclopentadiene	550.	U
88-06-2	2,4,6-Trichlorophenol	550.	U
95-95-4	2,4,5-Trichlorophenol	550.	U
91-58-7	2-Chloronaphthalene	550.	U
88-74-4	2-Nitroaniline	1300.	U
131-11-3	Dimethylphthalate	550.	U
208-96-8	Acenaphthylene	550.	U
606-20-2	2,6-Dinitrotoluene	550.	U
99-09-2	3-Nitroaniline	1300.	U
83-32-9	Acenaphthene	550.	U
51-28-5	2,4-Dinitrophenol	1300.	U
100-02-7	4-Nitrophenol	1300.	U
132-64-9	Dibenzofuran	550.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-7501-01
ORIGINAL ID ----->	041M750101
LAB SAMPLE ID --->	S774839*4
ID FROM REPORT -->	041M750101
SAMPLE DATE ----->	08/28/97
DATE EXTRACTED -->	09/05/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN12	VAL
121-14-2	2,4-Dinitrotoluene	550.	U
84-66-2	Diethylphthalate	550.	U
7005-72-3	4-Chlorophenylphenyl ether	550.	U
86-73-7	Fluorene	550.	U
100-01-6	4-Nitroaniline	1300.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1300.	U
86-30-6	N-Nitrosodiphenylamine	550.	U
101-55-3	4-Bromophenyl-phenylether	550.	U
118-74-1	Hexachlorobenzene	550.	U
87-86-5	Pentachlorophenol	1300.	U
85-01-8	Phenanthrene	550.	U
120-12-7	Anthracene	550.	U
86-74-8	Carbazole	550.	U
84-74-2	Di-n-butylphthalate	550.	U
206-44-0	Fluoranthene	550.	U
129-00-0	Pyrene	550.	U
85-68-7	Butylbenzylphthalate	550.	U
91-94-1	3,3'-Dichlorobenzidine	1100.	U
56-55-3	Benzo(a)anthracene	550.	U
218-01-9	Chrysene	550.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	550.	U
117-84-0	Di-n-octylphthalate	550.	U
205-99-2	Benzo(b)fluoranthene	550.	U
207-08-9	Benzo(k)fluoranthene	550.	U
50-32-8	Benzo(a)pyrene	550.	U
193-39-5	Indeno(1,2,3-cd)pyrene	550.	U
53-70-3	Dibenz(a,h)anthracene	550.	U
191-24-2	Benzo(g,h,i)perylene	550.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

TOC							
	SAMPLE ID ------->	041-M-7501-01					
	ORIGINAL ID ----->	041M750101					
	LAB SAMPLE ID --->	S774839*4					
	ID FROM REPORT -->	041M750101					
	SAMPLE DATE ----->	08/28/97					
	DATE EXTRACTED -->	09/09/97					
	DATE ANALYZED --->	09/09/97					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	PEN12 VAL					
9999900-01-4	Total Organic Carbon (TOC)	41000.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, RI
Wetland 75 Sediment Sample

VOA

SAMPLE ID ------->	041-M-7501-01
ORIGINAL ID ----->	041M750101
LAB SAMPLE ID --->	S774839*4
ID FROM REPORT -->	041M750101
SAMPLE DATE ----->	08/28/97
DATE ANALYZED --->	09/03/97
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN12	VAL
74-87-3	Chloromethane	17.	U
75-01-4	Vinyl chloride	17.	U
74-83-9	Bromomethane	17.	U
75-00-3	Chloroethane	17.	U
75-35-4	1,1-Dichloroethene	8.3	U
75-09-2	Methylene chloride	8.3	U
75-34-3	1,1-Dichloroethane	8.3	U
67-66-3	Chloroform	8.3	U
71-55-6	1,1,1-Trichloroethane	8.3	U
56-23-5	Carbon tetrachloride	8.3	U
71-43-2	Benzene	8.3	U
107-06-2	1,2-Dichloroethane	8.3	U
79-01-6	Trichloroethene	8.3	U
78-87-5	1,2-Dichloropropane	8.3	U
75-27-4	Bromodichloromethane	8.3	U
108-88-3	Toluene	8.3	U
79-00-5	1,1,2-Trichloroethane	8.3	U
127-18-4	Tetrachloroethene	8.3	U
124-48-1	Dibromochloromethane	8.3	U
108-90-7	Chlorobenzene	8.3	U
100-41-4	Ethylbenzene	8.3	U
100-42-5	Styrene	8.3	U
75-25-2	Bromoform	8.3	U
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U
67-64-1	Acetone	16.	J
75-15-0	Carbon disulfide	8.3	U
78-93-3	2-Butanone (MEK)	17.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	17.	U
10061-01-5	cis-1,3-Dichloropropene	8.3	U
10061-02-6	trans-1,3-Dichloropropene	8.3	U
591-78-6	2-Hexanone	17.	U
1330-20-7	Xylene (Total)	8.3	U
540-59-0	1,2-Dichloroethene (total)	8.3	U

*** Validation Complete ***

Surface Water Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Phase III Surface Water Data

METAL

SAMPLE ID ------->	041-W-0301-01
ORIGINAL ID ----->	041W030101
LAB SAMPLE ID --->	S774785*1
ID FROM REPORT -->	041W030101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	09/09/97
DATE ANALYZED --->	09/10/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	PEN11	VAL
7429-90-5	Aluminum	59.1	J
7440-36-0	Antimony	2.6	J
7440-38-2	Arsenic	2.2	UJ
7440-39-3	Barium	37.2	
7440-41-7	Beryllium	0.23	U
7440-43-9	Cadmium	0.58	U
7440-70-2	Calcium	34000.	
7440-47-3	Chromium	1.	UJ
7440-48-4	Cobalt	0.53	UJ
7440-50-8	Copper	1.7	U
7439-89-6	Iron	19600.	
7439-92-1	Lead	1.2	U
7439-95-4	Magnesium	2670.	
7439-96-5	Manganese	231.	
7440-02-0	Nickel	1.2	U
7440-09-7	Potassium	1730.	
7782-49-2	Selenium	2.6	U
7440-22-4	Silver	0.03	U
7440-23-5	Sodium	7570.	
7440-28-0	Thallium	1.2	U
7440-62-2	Vanadium	0.77	UJ
7440-66-6	Zinc	3.7	U
7439-97-6	Mercury	0.05	U
57-12-5	Cyanide (CN)	1.4	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Phase III Surface Water Data

PEST

SAMPLE ID ------->	041-W-0301-01
ORIGINAL ID ----->	041W030101
LAB SAMPLE ID --->	S774785*1
ID FROM REPORT -->	041W030101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/08/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	PEN11	VAL
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U
8001-35-2	Toxaphene	5.	U
12674-11-2	Aroclor-1016	1.	U
11104-28-2	Aroclor-1221	2.	U
11141-16-5	Aroclor-1232	1.	U
53469-21-9	Aroclor-1242	1.	U
12672-29-6	Aroclor-1248	1.	U
11097-69-1	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Phase III Surface Water Data

SVOA

SAMPLE ID ------->	041-W-0301-01
ORIGINAL ID ----->	041W030101
LAB SAMPLE ID --->	S774785*1
ID FROM REPORT -->	041W030101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/03/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	5.	U
95-57-8	2-Chlorophenol	5.	U
541-73-1	1,3-Dichlorobenzene	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)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	5.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	5.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	20.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	5.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	5.	U
51-28-5	2,4-Dinitrophenol	20.	UJ
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Phase III Surface Water Data

SVOA

SAMPLE ID ------->	041-W-0301-01
ORIGINAL ID ----->	041W030101
LAB SAMPLE ID --->	S774785*1
ID FROM REPORT -->	041W030101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/03/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U
86-73-7	Fluorene	5.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	UJ
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	5.	U
87-86-5	Pentachlorophenol	20.	U
85-01-8	Phenanthrene	5.	U
120-12-7	Anthracene	5.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	5.	U
129-00-0	Pyrene	5.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U
56-55-3	Benzo(a)anthracene	5.	U
218-01-9	Chrysene	5.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	5.	U
207-08-9	Benzo(k)fluoranthene	5.	U
50-32-8	Benzo(a)pyrene	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3	Dibenz(a,h)anthracene	5.	U
191-24-2	Benzo(g,h,i)perylene	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 3 Phase III Surface Water Data

VOA

SAMPLE ID ------->	041-W-0301-01
ORIGINAL ID ----->	041W030101
LAB SAMPLE ID --->	S774785*1
ID FROM REPORT -->	041W030101
SAMPLE DATE ----->	08/26/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene chloride	5.	U
75-34-3	1,1-Dichloroethane	1.	U
67-66-3	Chloroform	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
71-43-2	Benzene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
75-27-4	Bromodichloromethane	1.	U
108-88-3	Toluene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
127-18-4	Tetrachloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
108-90-7	Chlorobenzene	0.82	J
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
75-25-2	Bromoform	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
67-64-1	Acetone	28.	
75-15-0	Carbon disulfide	1.	U
78-93-3	2-Butanone (MEK)	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
591-78-6	2-Hexanone	10.	U
1330-20-7	Xylene (Total)	2.	U
540-59-0	1,2-Dichloroethene (total)	1.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Surface Water Data

METAL													
		SAMPLE ID ------->	041-W-5A04-01		041-W-5A05-01		041-W-5A06-01						
		ORIGINAL ID ----->	041W5A0401		041W5A0501		041W5A0601						
		LAB SAMPLE ID --->	S774785*2		S774785*3		S774785*4						
		ID FROM REPORT -->	041W5A0401		041W5A0501		041W5A0601						
		SAMPLE DATE ----->	08/26/97		08/26/97		08/26/97						
		DATE EXTRACTED -->	09/09/97		09/09/97		09/09/97						
		DATE ANALYZED --->	09/10/97		09/10/97		09/10/97						
		MATRIX ---------->	Water		Water		Water						
		UNITS ---------->	UG/L		UG/L		UG/L						
CAS #	Parameter		PEN11	VAL	PEN11	VAL	PEN11	VAL					
7429-90-5	Aluminum		124.		668.		124.						
7440-36-0	Antimony		2.6	U	94.3		2.6	U					
7440-38-2	Arsenic		2.2	UJ	2.2	UJ	2.2	UJ					
7440-39-3	Barium		22.3		28.		23.7						
7440-41-7	Beryllium		0.26	U	0.23	U	0.19	U					
7440-43-9	Cadmium		0.58	U	1.2		0.58	U					
7440-70-2	Calcium		12600.		10100.		9160.						
7440-47-3	Chromium		0.88	UJ	12.		0.88	UJ					
7440-48-4	Cobalt		0.53	UJ	3.2	J	2.	J					
7440-50-8	Copper		4.1	J	42.8		1.7	U					
7439-89-6	Iron		756.		1090.		2500.						
7439-92-1	Lead		9.		91.4		5.5	U					
7439-95-4	Magnesium		3940.		1520.		2270.						
7439-96-5	Manganese		124.		198.		175.						
7440-02-0	Nickel		1.2	U	5.3	U	1.2	U					
7440-09-7	Potassium		3400.		1330.		1190.						
7782-49-2	Selenium		2.6	U	2.6	U	2.6	U					
7440-22-4	Silver		0.03	U	0.1	J	0.03	U					
7440-23-5	Sodium		9590.		4450.		8960.						
7440-28-0	Thallium		1.2	U	1.2	U	1.2	U					
7440-62-2	Vanadium		1.1	J	3.4	J	0.77	UJ					
7440-66-6	Zinc		23.2		338.		15.4	J					
7439-97-6	Mercury		0.05	U	0.09	U	0.05	U					
57-12-5	Cyanide (CN)		1.4	UJ	1.4	UJ	1.4	UJ					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Surface Water Data

PEST											
		SAMPLE ID ------->	041-W-5A04-01		041-W-5A05-01		041-W-5A06-01				
		ORIGINAL ID ----->	041W5A0401		041W5A0501		041W5A0601				
		LAB SAMPLE ID --->	S774785*2		S774785*3		S774785*4				
		ID FROM REPORT -->	041W5A0401		041W5A0501		041W5A0601				
		SAMPLE DATE ----->	08/26/97		08/26/97		08/26/97				
		DATE EXTRACTED -->	08/29/97		08/29/97		08/29/97				
		DATE ANALYZED --->	09/17/97		09/12/97		09/06/97				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		PEN11	VAL	PEN11	VAL	PEN11	VAL			
319-84-6	alpha-BHC		0.05	U	0.05	U	0.05	U			
319-85-7	beta-BHC		0.05	U	0.0062	U	0.05	U			
319-86-8	delta-BHC		0.05	U	0.05	U	0.05	U			
58-89-9	gamma-BHC (Lindane)		0.05	U	0.0047	U	0.05	U			
76-44-8	Heptachlor		0.05	U	0.05	U	0.05	U			
309-00-2	Aldrin		0.05	U	0.05	U	0.05	U			
1024-57-3	Heptachlor epoxide		0.05	U	0.05	U	0.05	U			
959-98-8	Endosulfan I		0.05	U	0.05	U	0.05	U			
60-57-1	Dieldrin		0.1	U	0.0028	U	0.1	U			
72-55-9	4,4'-DDE		0.1	U	0.1	U	0.1	U			
72-20-8	Endrin		0.1	U	0.1	U	0.1	U			
33213-65-9	Endosulfan II		0.1	U	0.1	U	0.1	U			
72-54-8	4,4'-DDD		0.1	U	0.1	U	0.1	U			
1031-07-8	Endosulfan sulfate		0.1	U	0.1	U	0.1	U			
50-29-3	4,4'-DDT		0.1	U	0.1	U	0.1	U			
72-43-5	Methoxychlor		0.5	U	0.5	U	0.5	U			
53494-70-5	Endrin ketone		0.1	U	0.1	U	0.1	U			
7421-93-4	Endrin aldehyde		0.1	U	0.1	U	0.1	U			
5103-71-9	alpha-Chlordane		0.05	U	0.05	U	0.05	U			
5103-74-2	gamma-Chlordane		0.05	U	0.05	U	0.0073	U			
8001-35-2	Toxaphene		5.	U	5.	U	5.	U			
12674-11-2	Aroclor-1016		1.	U	1.	U	1.	U			
11104-28-2	Aroclor-1221		2.	U	2.	U	2.	U			
11141-16-5	Aroclor-1232		1.	U	1.	U	1.	U			
53469-21-9	Aroclor-1242		1.	U	1.	U	1.	U			
12672-29-6	Aroclor-1248		1.	U	1.	U	1.	U			
11097-69-1	Aroclor-1254		1.	U	1.	U	1.	U			
11096-82-5	Aroclor-1260		1.	U	1.	U	1.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Surface Water Data

SVOA											
		SAMPLE ID ------->	041-W-5A04-01		041-W-5A05-01		041-W-5A06-01				
		ORIGINAL ID ----->	041W5A0401		041W5A0501		041W5A0601				
		LAB SAMPLE ID --->	S774785*2		S774785*3		S774785*4				
		ID FROM REPORT -->	041W5A0401		041W5A0501		041W5A0601				
		SAMPLE DATE ----->	08/26/97		08/26/97		08/26/97				
		DATE EXTRACTED -->	08/29/97		08/29/97		08/29/97				
		DATE ANALYZED --->	09/03/97		09/03/97		09/03/97				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		PEN11	VAL	PEN11	VAL	PEN11	VAL			
108-95-2	Phenol		5.	U	5.	U	5.	U			
111-44-4	bis(2-Chloroethyl)ether		5.	U	5.	U	5.	U			
95-57-8	2-Chlorophenol		5.	U	5.	U	5.	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			
95-50-1	1,2-Dichlorobenzene		10.	U	10.	U	10.	U			
95-48-7	2-Methylphenol (o-Cresol)		5.	U	5.	U	5.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor		5.	U	5.	U	5.	U			
9999900-32-2	3-Methylphenol/4-Methylphenol		5.	U	5.	U	5.	U			
621-64-7	N-Nitroso-di-n-propylamine		5.	U	5.	U	5.	U			
67-72-1	Hexachloroethane		5.	U	5.	U	5.	U			
98-95-3	Nitrobenzene		5.	U	5.	U	5.	U			
78-59-1	Isophorone		5.	U	5.	U	5.	U			
88-75-5	2-Nitrophenol		5.	U	5.	U	5.	U			
105-67-9	2,4-Dimethylphenol		5.	U	5.	U	5.	U			
120-83-2	2,4-Dichlorophenol		5.	U	5.	U	5.	U			
120-82-1	1,2,4-Trichlorobenzene		10.	U	10.	U	10.	U			
91-20-3	Naphthalene		5.	U	5.	U	5.	U			
106-47-8	4-Chloroaniline		5.	U	5.	U	5.	U			
87-68-3	Hexachlorobutadiene		5.	U	5.	U	5.	U			
111-91-1	bis(2-Chloroethoxy)methane		5.	U	5.	U	5.	U			
59-50-7	4-Chloro-3-methylphenol		5.	U	5.	U	5.	U			
91-57-6	2-Methylnaphthalene		5.	U	5.	U	5.	U			
77-47-4	Hexachlorocyclopentadiene		5.	U	5.	U	5.	U			
88-06-2	2,4,6-Trichlorophenol		5.	U	5.	U	5.	U			
95-95-4	2,4,5-Trichlorophenol		20.	U	20.	U	20.	U			
91-58-7	2-Chloronaphthalene		5.	U	5.	U	5.	U			
88-74-4	2-Nitroaniline		20.	U	20.	U	20.	U			
131-11-3	Dimethylphthalate		5.	U	5.	U	5.	U			
208-96-8	Acenaphthylene		5.	U	5.	U	5.	U			
606-20-2	2,6-Dinitrotoluene		5.	U	5.	U	5.	U			
99-09-2	3-Nitroaniline		20.	U	20.	U	20.	U			
83-32-9	Acenaphthene		5.	U	5.	U	5.	U			
51-28-5	2,4-Dinitrophenol		20.	UJ	20.	UJ	20.	UJ			
100-02-7	4-Nitrophenol		20.	U	20.	U	20.	U			
132-64-9	Dibenzofuran		5.	U	5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Surface Water Data

SVOA											
		SAMPLE ID ------->	041-W-5A04-01		041-W-5A05-01		041-W-5A06-01				
		ORIGINAL ID ----->	041W5A0401		041W5A0501		041W5A0601				
		LAB SAMPLE ID --->	S774785*2		S774785*3		S774785*4				
		ID FROM REPORT -->	041W5A0401		041W5A0501		041W5A0601				
		SAMPLE DATE ----->	08/26/97		08/26/97		08/26/97				
		DATE EXTRACTED -->	08/29/97		08/29/97		08/29/97				
		DATE ANALYZED --->	09/03/97		09/03/97		09/03/97				
		MATRIX ---------->	Water		Water		Water				
		UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter		PEN11	VAL	PEN11	VAL	PEN11	VAL			
121-14-2	2,4-Dinitrotoluene		5.	U	5.	U	5.	U			
84-66-2	Diethylphthalate		5.	U	5.	U	5.	U			
7005-72-3	4-Chlorophenylphenyl ether		5.	U	5.	U	5.	U			
86-73-7	Fluorene		5.	U	5.	U	5.	U			
100-01-6	4-Nitroaniline		20.	U	20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		20.	UJ	20.	UJ	20.	UJ			
86-30-6	N-Nitrosodiphenylamine		5.	U	5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether		5.	U	5.	U	5.	U			
118-74-1	Hexachlorobenzene		5.	U	5.	U	5.	U			
87-86-5	Pentachlorophenol		20.	U	20.	U	20.	U			
85-01-8	Phenanthrene		5.	U	5.	U	5.	U			
120-12-7	Anthracene		5.	U	5.	U	5.	U			
86-74-8	Carbazole		10.	U	10.	U	10.	U			
84-74-2	Di-n-butylphthalate		5.	U	5.	U	5.	U			
206-44-0	Fluoranthene		5.	U	5.	U	5.	U			
129-00-0	Pyrene		5.	U	5.	U	5.	U			
85-68-7	Butylbenzylphthalate		5.	U	5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine		20.	U	20.	U	20.	U			
56-55-3	Benzo(a)anthracene		5.	U	5.	U	5.	U			
218-01-9	Chrysene		5.	U	5.	U	5.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		5.	U	5.	U	5.	U			
117-84-0	Di-n-octylphthalate		5.	U	5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene		5.	U	5.	U	5.	U			
207-08-9	Benzo(k)fluoranthene		5.	U	5.	U	5.	U			
50-32-8	Benzo(a)pyrene		5.	U	5.	U	5.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		5.	U	5.	U	5.	U			
53-70-3	Dibenz(a,h)anthracene		5.	U	5.	U	5.	U			
191-24-2	Benzo(g,h,i)perylene		5.	U	5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 5A Phase III Surface Water Data

VOA											
	SAMPLE ID ------->	041-W-5A04-01		041-W-5A05-01		041-W-5A06-01					
	ORIGINAL ID ----->	041W5A0401		041W5A0501		041W5A0601					
	LAB SAMPLE ID --->	S774785*2		S774785*3		S774785*4					
	ID FROM REPORT -->	041W5A0401		041W5A0501		041W5A0601					
	SAMPLE DATE ----->	08/26/97		08/26/97		08/26/97					
	DATE ANALYZED --->	09/09/97		09/09/97		09/09/97					
	MATRIX ---------->	Water		Water		Water					
	UNITS ---------->	UG/L		UG/L		UG/L					
CAS #	Parameter	PEN11	VAL	PEN11	VAL	PEN11	VAL				
74-87-3	Chloromethane	1.	U	1.	U	1.	U				
75-01-4	Vinyl chloride	1.	U	1.	U	1.	U				
74-83-9	Bromomethane	1.	U	1.	U	1.	U				
75-00-3	Chloroethane	1.	U	1.	U	1.	U				
75-35-4	1,1-Dichloroethene	1.	U	1.	U	1.	U				
75-09-2	Methylene chloride	5.	U	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	1.	U	1.	U	1.	U				
67-66-3	Chloroform	1.	U	1.	U	1.	U				
71-55-6	1,1,1-Trichloroethane	1.	U	1.	U	1.	U				
56-23-5	Carbon tetrachloride	1.	U	1.	U	1.	U				
71-43-2	Benzene	1.	U	1.	U	1.	U				
107-06-2	1,2-Dichloroethane	1.	U	1.	U	1.	U				
79-01-6	Trichloroethene	1.	U	1.	U	1.	U				
78-87-5	1,2-Dichloropropane	1.	U	1.	U	1.	U				
75-27-4	Bromodichloromethane	1.	U	1.	U	1.	U				
108-88-3	Toluene	1.	U	0.41	J	1.	U				
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U	1.	U				
127-18-4	Tetrachloroethene	1.	U	1.	U	1.	U				
124-48-1	Dibromochloromethane	1.	U	1.	U	1.	U				
108-90-7	Chlorobenzene	1.	U	1.	U	1.	U				
100-41-4	Ethylbenzene	1.	U	1.	U	1.	U				
100-42-5	Styrene	1.	U	1.	U	1.	U				
75-25-2	Bromoform	1.	U	1.	U	1.	U				
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U	1.	U				
67-64-1	Acetone	25.	U	25.	U	23.	J				
75-15-0	Carbon disulfide	1.	U	1.	U	1.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U				
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U	1.	U				
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U	1.	U				
591-78-6	2-Hexanone	10.	U	10.	U	10.	U				
1330-20-7	Xylene (Total)	2.	U	2.	U	2.	U				
540-59-0	1,2-Dichloroethene (total)	1.	U	1.	U	1.1					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Surface Water Data

METAL									
		SAMPLE ID ------->	041-W-6401-01		041-W-6405-01				
		ORIGINAL ID ----->	041W640101		041W640501				
		LAB SAMPLE ID --->	S775003*2		S775003*1				
		ID FROM REPORT -->	041W640101		041W640501				
		SAMPLE DATE ----->	09/04/97		09/04/97				
		DATE EXTRACTED -->	09/15/97		09/15/97				
		DATE ANALYZED --->	09/17/97		09/17/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		PEN14	VAL	PEN14	VAL			
7429-90-5	Aluminum		144.	U	298.				
7440-36-0	Antimony		3.8	J	2.6	U			
7440-38-2	Arsenic		2.2	U	2.2	U			
7440-39-3	Barium		36.4		33.6				
7440-41-7	Beryllium		0.19	U	0.19	U			
7440-43-9	Cadmium		0.84	J	0.58	UJ			
7440-70-2	Calcium		99000.		137000.				
7440-47-3	Chromium		8.5	J	12.5				
7440-48-4	Cobalt		0.53	U	0.53	U			
7440-50-8	Copper		5.8		4.2	J			
7439-89-6	Iron		829.		702.				
7439-92-1	Lead		5.8		8.6				
7439-95-4	Magnesium		274000.		421000.				
7439-96-5	Manganese		37.1		28.3				
7440-02-0	Nickel		2.6	J	1.2	UJ			
7440-09-7	Potassium		113000.	J	205000.	J			
7782-49-2	Selenium		2.6	U	2.6	U			
7440-22-4	Silver		0.05	J	0.04	J			
7440-23-5	Sodium		2290000.		3600000.				
7440-28-0	Thallium		1.2	UJ	1.2	UJ			
7440-62-2	Vanadium		3.5	U	1.9	U			
7440-66-6	Zinc		24.1	J	10.1	J			
7439-97-6	Mercury		0.05	UJ	0.06	J			
57-12-5	Cyanide (CN)		1.4	U	1.4	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Surface Water Data

PEST									
		SAMPLE ID ------->	041-W-6401-01		041-W-6405-01				
		ORIGINAL ID ----->	041W640101		041W640501				
		LAB SAMPLE ID --->	S775003*2		S775003*1				
		ID FROM REPORT -->	041W640101		041W640501				
		SAMPLE DATE ----->	09/04/97		09/04/97				
		DATE EXTRACTED -->	09/10/97		09/10/97				
		DATE ANALYZED --->	09/12/97		09/12/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		PEN14	VAL	PEN14	VAL			
319-84-6	alpha-BHC		0.05	U	0.05	U			
319-85-7	beta-BHC		0.0072	J	0.0062	U			
319-86-8	delta-BHC		0.05	U	0.05	U			
58-89-9	gamma-BHC (Lindane)		0.0025	U	0.0039	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			
72-43-5	Methoxychlor		0.5	U	0.5	U			
53494-70-5	Endrin ketone		0.1	U	0.1	U			
7421-93-4	Endrin aldehyde		0.1	U	0.1	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			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Surface Water Data

SVOA									
	SAMPLE ID ------->	041-W-6401-01		041-W-6405-01					
	ORIGINAL ID ----->	041W640101		041W640501					
	LAB SAMPLE ID --->	S775003*2		S775003*1					
	ID FROM REPORT -->	041W640101		041W640501					
	SAMPLE DATE ----->	09/04/97		09/04/97					
	DATE EXTRACTED -->	09/10/97		09/10/97					
	DATE ANALYZED --->	09/12/97		09/12/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN14	VAL	PEN14	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	5.	U	5.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
541-73-1	1,3-Dichlorobenzene	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)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
9999900-32-2	3-Methylphenol/4-Methylphenol	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U				
91-20-3	Naphthalene	5.	U	5.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	5.	U	5.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	20.	U	20.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	5.	U	5.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	5.	U	5.	U				
51-28-5	2,4-Dinitrophenol	20.	U	20.	U				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Surface Water Data

SVOA									
		SAMPLE ID ------->	041-W-6401-01		041-W-6405-01				
		ORIGINAL ID ----->	041W640101		041W640501				
		LAB SAMPLE ID --->	S775003*2		S775003*1				
		ID FROM REPORT -->	041W640101		041W640501				
		SAMPLE DATE ----->	09/04/97		09/04/97				
		DATE EXTRACTED -->	09/10/97		09/10/97				
		DATE ANALYZED --->	09/12/97		09/12/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		PEN14	VAL	PEN14	VAL			
121-14-2	2,4-Dinitrotoluene		5.	U	5.	U			
84-66-2	Diethylphthalate		5.	U	5.	U			
7005-72-3	4-Chlorophenylphenyl ether		5.	U	5.	U			
86-73-7	Fluorene		5.	U	5.	U			
100-01-6	4-Nitroaniline		20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		20.	U	20.	U			
86-30-6	N-Nitrosodiphenylamine		5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether		5.	U	5.	U			
118-74-1	Hexachlorobenzene		5.	U	5.	U			
87-86-5	Pentachlorophenol		20.	U	20.	U			
85-01-8	Phenanthrene		5.	U	5.	U			
120-12-7	Anthracene		5.	U	5.	U			
86-74-8	Carbazole		10.	U	10.	U			
84-74-2	Di-n-butylphthalate		5.	U	5.	U			
206-44-0	Fluoranthene		5.	U	5.	U			
129-00-0	Pyrene		5.	U	5.	U			
85-68-7	Butylbenzylphthalate		5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine		20.	U	20.	U			
56-55-3	Benzo(a)anthracene		5.	U	5.	U			
218-01-9	Chrysene		5.	U	5.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		5.	U	5.	U			
117-84-0	Di-n-octylphthalate		5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene		5.	U	5.	U			
207-08-9	Benzo(k)fluoranthene		5.	U	5.	U			
50-32-8	Benzo(a)pyrene		5.	U	5.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		5.	U	5.	U			
53-70-3	Dibenz(a,h)anthracene		5.	U	5.	U			
191-24-2	Benzo(g,h,i)perylene		5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Surface Water Data

VOA								
	SAMPLE ID ------->	041-W-6401-01		041-W-6405-01				
	ORIGINAL ID ----->	041W640101		041W640501				
	LAB SAMPLE ID --->	S775003*2		S775003*1				
	ID FROM REPORT -->	041W640101		041W640501				
	SAMPLE DATE ----->	09/04/97		09/04/97				
	DATE ANALYZED --->	09/09/97		09/09/97				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	PEN14	VAL	PEN14	VAL			
74-87-3	Chloromethane	1.	U	1.	U			
75-01-4	Vinyl chloride	1.	U	1.	U			
74-83-9	Bromomethane	1.	U	1.	U			
75-00-3	Chloroethane	1.	U	1.	U			
75-35-4	1,1-Dichloroethene	1.	U	1.	U			
75-09-2	Methylene chloride	5.	U	5.	U			
75-34-3	1,1-Dichloroethane	0.9	J	1.	U			
67-66-3	Chloroform	1.	U	1.	U			
71-55-6	1,1,1-Trichloroethane	0.21	J	1.	U			
56-23-5	Carbon tetrachloride	1.	U	1.	U			
71-43-2	Benzene	1.	U	1.	U			
107-06-2	1,2-Dichloroethane	1.	U	1.	U			
79-01-6	Trichloroethene	0.34	J	1.	U			
78-87-5	1,2-Dichloropropane	1.	U	1.	U			
75-27-4	Bromodichloromethane	1.	U	1.	U			
108-88-3	Toluene	1.	U	0.36	J			
79-00-5	1,1,2-Trichloroethane	1.	U	1.	U			
127-18-4	Tetrachloroethene	1.	U	1.	U			
124-48-1	Dibromochloromethane	1.	U	1.	U			
108-90-7	Chlorobenzene	1.	U	1.	U			
100-41-4	Ethylbenzene	1.	U	1.	U			
100-42-5	Styrene	1.	U	1.	U			
75-25-2	Bromoform	1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane	1.	U	1.	U			
67-64-1	Acetone	24.	J	25.	U			
75-15-0	Carbon disulfide	1.	U	1.	U			
78-93-3	2-Butanone (MEK)	10.	U	10.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene	1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene	1.	U	1.	U			
591-78-6	2-Hexanone	10.	U	10.	U			
1330-20-7	Xylene (Total)	2.	U	2.	U			
540-59-0	1,2-Dichloroethene (total)	0.59	J	0.21	J			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE II
Wetland 75 Surface Water Data

METAL

SAMPLE ID ------->	041-W-7501-01
ORIGINAL ID ----->	041W750101
LAB SAMPLE ID --->	S774785*6
ID FROM REPORT -->	041W750101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	09/09/97
DATE ANALYZED --->	09/10/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
7429-90-5	Aluminum	355.	
7440-36-0	Antimony	2.6	U
7440-38-2	Arsenic	2.2	UJ
7440-39-3	Barium	5.2	J
7440-41-7	Beryllium	0.19	U
7440-43-9	Cadmium	0.58	U
7440-70-2	Calcium	6960.	
7440-47-3	Chromium	1.3	UJ
7440-48-4	Cobalt	0.53	UJ
7440-50-8	Copper	1.7	U
7439-89-6	Iron	1490.	
7439-92-1	Lead	3.2	U
7439-95-4	Magnesium	1560.	
7439-96-5	Manganese	34.9	
7440-02-0	Nickel	1.2	U
7440-09-7	Potassium	1790.	
7782-49-2	Selenium	2.6	U
7440-22-4	Silver	0.03	U
7440-23-5	Sodium	12400.	
7440-28-0	Thallium	1.2	U
7440-62-2	Vanadium	1.8	J
7440-66-6	Zinc	5.8	J
7439-97-6	Mercury	0.05	U
57-12-5	Cyanide (CN)	1.4	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE II
Wetland 75 Surface Water Data

PEST

SAMPLE ID ------->	041-W-7501-01
ORIGINAL ID ----->	041W750101
LAB SAMPLE ID --->	S774785*6
ID FROM REPORT -->	041W750101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/12/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
319-84-6	alpha-BHC	0.05	UR
319-85-7	beta-BHC	0.05	UR
319-86-8	delta-BHC	0.05	UR
58-89-9	gamma-BHC (Lindane)	0.05	UR
76-44-8	Heptachlor	0.05	UR
309-00-2	Aldrin	0.05	UR
1024-57-3	Heptachlor epoxide	0.05	UR
959-98-8	Endosulfan I	0.05	UR
60-57-1	Dieldrin	0.0031	J
72-55-9	4,4'-DDE	0.0029	UR
72-20-8	Endrin	0.1	UR
33213-65-9	Endosulfan II	0.1	UR
72-54-8	4,4'-DDD	0.1	UR
1031-07-8	Endosulfan sulfate	0.1	UR
50-29-3	4,4'-DDT	0.1	UR
72-43-5	Methoxychlor	0.5	UR
53494-70-5	Endrin ketone	0.1	UR
7421-93-4	Endrin aldehyde	0.1	UR
5103-71-9	alpha-Chlordane	0.05	UR
5103-74-2	gamma-Chlordane	0.05	UR
8001-35-2	Toxaphene	5.	UR
12674-11-2	Aroclor-1016	1.	UR
11104-28-2	Aroclor-1221	2.	UR
11141-16-5	Aroclor-1232	1.	UR
53469-21-9	Aroclor-1242	1.	UR
12672-29-6	Aroclor-1248	1.	UR
11097-69-1	Aroclor-1254	1.	UR
11096-82-5	Aroclor-1260	1.	UR

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE II
Wetland 75 Surface Water Data

SVOA

SAMPLE ID ------->	041-W-7501-01
ORIGINAL ID ----->	041W750101
LAB SAMPLE ID --->	S774785*6
ID FROM REPORT -->	041W750101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/03/97
MATRIX --------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
108-95-2	Phenol	5.	U
111-44-4	bis(2-Chloroethyl)ether	5.	U
95-57-8	2-Chlorophenol	5.	U
541-73-1	1,3-Dichlorobenzene	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)	5.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	5.	U
621-64-7	N-Nitroso-di-n-propylamine	5.	U
67-72-1	Hexachloroethane	5.	U
98-95-3	Nitrobenzene	5.	U
78-59-1	Isophorone	5.	U
88-75-5	2-Nitrophenol	5.	U
105-67-9	2,4-Dimethylphenol	5.	U
120-83-2	2,4-Dichlorophenol	5.	U
120-82-1	1,2,4-Trichlorobenzene	10.	U
91-20-3	Naphthalene	5.	U
106-47-8	4-Chloroaniline	5.	U
87-68-3	Hexachlorobutadiene	5.	U
111-91-1	bis(2-Chloroethoxy)methane	5.	U
59-50-7	4-Chloro-3-methylphenol	5.	U
91-57-6	2-Methylnaphthalene	5.	U
77-47-4	Hexachlorocyclopentadiene	5.	U
88-06-2	2,4,6-Trichlorophenol	5.	U
95-95-4	2,4,5-Trichlorophenol	20.	U
91-58-7	2-Chloronaphthalene	5.	U
88-74-4	2-Nitroaniline	20.	U
131-11-3	Dimethylphthalate	5.	U
208-96-8	Acenaphthylene	5.	U
606-20-2	2,6-Dinitrotoluene	5.	U
99-09-2	3-Nitroaniline	20.	U
83-32-9	Acenaphthene	5.	U
51-28-5	2,4-Dinitrophenol	20.	UJ
100-02-7	4-Nitrophenol	20.	U
132-64-9	Dibenzofuran	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE II
Wetland 75 Surface Water Data

SVOA

SAMPLE ID ------->	041-W-7501-01
ORIGINAL ID ----->	041W750101
LAB SAMPLE ID --->	S774785*6
ID FROM REPORT -->	041W750101
SAMPLE DATE ----->	08/26/97
DATE EXTRACTED -->	08/29/97
DATE ANALYZED --->	09/03/97
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN11	VAL
121-14-2	2,4-Dinitrotoluene	5.	U
84-66-2	Diethylphthalate	5.	U
7005-72-3	4-Chlorophenylphenyl ether	5.	U
86-73-7	Fluorene	5.	U
100-01-6	4-Nitroaniline	20.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	UJ
86-30-6	N-Nitrosodiphenylamine	5.	U
101-55-3	4-Bromophenyl-phenylether	5.	U
118-74-1	Hexachlorobenzene	5.	U
87-86-5	Pentachlorophenol	20.	U
85-01-8	Phenanthrene	5.	U
120-12-7	Anthracene	5.	U
86-74-8	Carbazole	10.	U
84-74-2	Di-n-butylphthalate	5.	U
206-44-0	Fluoranthene	5.	U
129-00-0	Pyrene	5.	U
85-68-7	Butylbenzylphthalate	5.	U
91-94-1	3,3'-Dichlorobenzidine	20.	U
56-55-3	Benzo(a)anthracene	5.	U
218-01-9	Chrysene	5.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U
117-84-0	Di-n-octylphthalate	5.	U
205-99-2	Benzo(b)fluoranthene	5.	U
207-08-9	Benzo(k)fluoranthene	5.	U
50-32-8	Benzo(a)pyrene	5.	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3	Dibenz(a,h)anthracene	5.	U
191-24-2	Benzo(g,h,i)perylene	5.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE II
Wetland 75 Surface Water Data

VOA

SAMPLE ID ------->	041-W-7501-01
ORIGINAL ID ----->	041W750101
LAB SAMPLE ID --->	S774785*6
ID FROM REPORT -->	041W750101
SAMPLE DATE ----->	08/26/97
DATE ANALYZED --->	09/09/97
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	PEN11	VAL
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene chloride	5.	U
75-34-3	1,1-Dichloroethane	1.	U
67-66-3	Chloroform	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
71-43-2	Benzene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
75-27-4	Bromodichloromethane	1.	U
108-88-3	Toluene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
127-18-4	Tetrachloroethene	1.	U
124-48-1	Dibromochloromethane	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
75-25-2	Bromoform	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
67-64-1	Acetone	25.	U
75-15-0	Carbon disulfide	1.	U
78-93-3	2-Butanone (MEK)	10.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
591-78-6	2-Hexanone	10.	U
1330-20-7	Xylene (Total)	2.	U
540-59-0	1,2-Dichloroethene (total)	1.	U

*** Validation Complete ***

Biota Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-18B1-01					
	ORIGINAL ID ----->	041J18B101					
	LAB SAMPLE ID --->	S775281*3					
	ID FROM REPORT -->	041J18B101					
	SAMPLE DATE ----->	09/04/97					
	DATE ANALYZED --->	09/25/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	%					
CAS #	Parameter	PEN15					
9999000-88-4	% LIPIDS	1.2 %					

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-18B1-01					
	ORIGINAL ID ----->	041J18B101					
	LAB SAMPLE ID --->	S775281*3					
	ID FROM REPORT -->	041J18B101					
	SAMPLE DATE ----->	09/04/97					
	DATE ANALYZED --->	09/25/97					
	MATRIX ---------->	Soil					
	UNITS ----------->	%					
CAS #	Parameter	PEN15					
9999000-88-4	% LIPIDS	1.2 %					

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

METAL

SAMPLE ID ------->	041-J-18B1-01
ORIGINAL ID ----->	041J18B101
LAB SAMPLE ID --->	S775281*3
ID FROM REPORT -->	041J18B101
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/24/97
DATE ANALYZED --->	09/26/97
MATRIX ---------->	Soil
UNITS ---------->	MG/KG

CAS #	Parameter	PEN15	VAL
7429-90-5	Aluminum	5.9	J
7440-36-0	Antimony	0.98	U
7440-38-2	Arsenic	0.28	UJ
7440-39-3	Barium	NR	
7440-41-7	Beryllium	NR	
7440-43-9	Cadmium	NR	
7440-70-2	Calcium	NR	
7440-47-3	Chromium	0.45	
7440-48-4	Cobalt	0.13	UJ
7440-50-8	Copper	2.3	J
7439-89-6	Iron	40.2	J
7439-92-1	Lead	0.4	U
7439-95-4	Magnesium	NR	
7439-96-5	Manganese	3.1	J
7440-02-0	Nickel	0.27	U
7440-09-7	Potassium	NR	
7782-49-2	Selenium	1.1	U
7440-22-4	Silver	0.06	UJ
7440-23-5	Sodium	NR	
7440-28-0	Thallium	0.39	UJ
7440-62-2	Vanadium	0.19	U
7440-66-6	Zinc	33.9	
7439-97-6	Mercury	NR	
57-12-5	Cyanide (CN)	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

PEST

SAMPLE ID ------->	041-J-18B1-01
ORIGINAL ID ----->	041J18B101
LAB SAMPLE ID --->	S775281*3
ID FROM REPORT -->	041J18B101
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	10/03/97
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	PEN15	VAL
319-84-6	alpha-BHC	17.	U
319-85-7	beta-BHC	17.	U
319-86-8	delta-BHC	17.	U
58-89-9	gamma-BHC (Lindane)	17.	U
76-44-8	Heptachlor	17.	U
309-00-2	Aldrin	17.	U
1024-57-3	Heptachlor epoxide	17.	U
959-98-8	Endosulfan I	17.	U
60-57-1	Dieldrin	33.	U
72-55-9	4,4'-DDE	61.	
72-20-8	Endrin	33.	U
33213-65-9	Endosulfan II	33.	U
72-54-8	4,4'-DDD	68.	
1031-07-8	Endosulfan sulfate	33.	U
50-29-3	4,4'-DDT	7.7	U
72-43-5	Methoxychlor	170.	U
53494-70-5	Endrin ketone	33.	U
7421-93-4	Endrin aldehyde	33.	U
5103-71-9	alpha-Chlordane	1.4	J
5103-74-2	gamma-Chlordane	17.	U
8001-35-2	Toxaphene	1700.	U
12674-11-2	Aroclor-1016	330.	U
11104-28-2	Aroclor-1221	670.	U
11141-16-5	Aroclor-1232	330.	U
53469-21-9	Aroclor-1242	330.	U
12672-29-6	Aroclor-1248	330.	U
11097-69-1	Aroclor-1254	330.	U
11096-82-5	Aroclor-1260	87.	J

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-18B1-01
ORIGINAL ID ----->	041J18B101
LAB SAMPLE ID --->	S775281*3
ID FROM REPORT -->	041J18B101
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/29/97
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	PEN15	VAL
108-95-2	Phenol	330.	U
111-44-4	bis(2-Chloroethyl)ether	330.	UJ
95-57-8	2-Chlorophenol	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	330.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	330.	U
621-64-7	N-Nitroso-di-n-propylamine	330.	U
67-72-1	Hexachloroethane	330.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	330.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
120-83-2	2,4-Dichlorophenol	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U
91-20-3	Naphthalene	330.	U
106-47-8	4-Chloroaniline	660.	U
87-68-3	Hexachlorobutadiene	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U
91-57-6	2-Methylnaphthalene	330.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U
95-95-4	2,4,5-Trichlorophenol	330.	U
91-58-7	2-Chloronaphthalene	330.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	330.	U
208-96-8	Acenaphthylene	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	330.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	330.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 18B Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-18B1-01
ORIGINAL ID ----->	041J18B101
LAB SAMPLE ID --->	S775281*3
ID FROM REPORT -->	041J18B101
SAMPLE DATE ----->	09/04/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/29/97
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PEN15	VAL
121-14-2	2,4-Dinitrotoluene	330.	U
84-66-2	Diethylphthalate	330.	U
7005-72-3	4-Chlorophenylphenyl ether	330.	U
86-73-7	Fluorene	330.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U
118-74-1	Hexachlorobenzene	330.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	330.	U
120-12-7	Anthracene	330.	U
86-74-8	Carbazole	330.	U
84-74-2	Di-n-butylphthalate	330.	U
206-44-0	Fluoranthene	330.	U
129-00-0	Pyrene	330.	U
85-68-7	Butylbenzylphthalate	330.	U
91-94-1	3,3'-Dichlorobenzidine	660.	U
56-55-3	Benzo(a)anthracene	330.	U
218-01-9	Chrysene	330.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	92.	J
117-84-0	Di-n-octylphthalate	330.	UJ
205-99-2	Benzo(b)fluoranthene	330.	UJ
207-08-9	Benzo(k)fluoranthene	330.	UJ
50-32-8	Benzo(a)pyrene	330.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	330.	UJ
53-70-3	Dibenz(a,h)anthracene	330.	UJ
191-24-2	Benzo(g,h,i)perylene	330.	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 33 Phase III Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-3301-01	041-J-3302-01				
	ORIGINAL ID ----->	041J330101	041J330201				
	LAB SAMPLE ID --->	S775281*7	S775281*6				
	ID FROM REPORT -->	041J330101	041J330201				
	SAMPLE DATE ----->	09/05/97	09/02/97				
	DATE ANALYZED --->	09/25/97	09/25/97				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	%	%				
CAS #	Parameter	PEN15	PEN15				
9999000-88-4	% LIPIDS	1. %	0.59 %				

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 33 Phase III Biota Sample

METAL	SAMPLE ID ------->	041-J-3301-01		041-J-3302-01	
	ORIGINAL ID ----->	041J330101		041J330201	
	LAB SAMPLE ID --->	S775281*7		S775281*6	
	ID FROM REPORT -->	041J330101		041J330201	
	SAMPLE DATE ----->	09/05/97		09/02/97	
	DATE EXTRACTED -->	09/24/97		09/24/97	
	DATE ANALYZED --->	09/26/97		09/26/97	
	MATRIX ---------->	Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG	
CAS #	Parameter	PEN15	VAL	PEN15	VAL
7429-90-5	Aluminum	8.1	J	33.6	
7440-36-0	Antimony	0.98	U	0.98	U
7440-38-2	Arsenic	0.4	J	0.72	J
7440-39-3	Barium	NR		NR	
7440-41-7	Beryllium	NR		NR	
7440-43-9	Cadmium	NR		NR	
7440-70-2	Calcium	NR		NR	
7440-47-3	Chromium	0.42		0.69	
7440-48-4	Cobalt	0.13	UJ	0.13	UJ
7440-50-8	Copper	1.1	J	1.3	J
7439-89-6	Iron	20.7	J	42.1	J
7439-92-1	Lead	0.43	J	0.47	J
7439-95-4	Magnesium	NR		NR	
7439-96-5	Manganese	15.7	J	21.6	J
7440-02-0	Nickel	0.27	U	0.27	U
7440-09-7	Potassium	NR		NR	
7782-49-2	Selenium	0.87	U	1.	U
7440-22-4	Silver	0.06	UJ	0.06	UJ
7440-23-5	Sodium	NR		NR	
7440-28-0	Thallium	0.39	UJ	0.39	UJ
7440-62-2	Vanadium	0.54	J	1.1	
7440-66-6	Zinc	35.4		48.7	
7439-97-6	Mercury	NR		NR	
57-12-5	Cyanide (CN)	NR		NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 33 Phase III Biota Sample

PEST									
	SAMPLE ID ------>	041-J-3301-01		041-J-3302-01					
	ORIGINAL ID ----->	041J330101		041J330201					
	LAB SAMPLE ID --->	S775281*7		S775281*6					
	ID FROM REPORT -->	041J330101		041J330201					
	SAMPLE DATE ----->	09/05/97		09/02/97					
	DATE EXTRACTED -->	09/23/97		09/23/97					
	DATE ANALYZED --->	10/02/97		10/02/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN15	VAL	PEN15	VAL				
319-84-6	alpha-BHC	1.8	U	1.7	U				
319-85-7	beta-BHC	1.8	U	1.7	U				
319-86-8	delta-BHC	1.8	U	1.7	U				
58-89-9	gamma-BHC (Lindane)	1.8	U	1.7	U				
76-44-8	Heptachlor	0.72	J	1.7	U				
309-00-2	Aldrin	0.21	U	1.7	U				
1024-57-3	Heptachlor epoxide	1.8	U	1.7	U				
959-98-8	Endosulfan I	0.54	U	1.7	U				
60-57-1	Dieldrin	0.22	U	0.26	U				
72-55-9	4,4'-DDE	1.8	J	1.5	J				
72-20-8	Endrin	3.5	U	3.3	U				
33213-65-9	Endosulfan II	3.5	U	3.3	U				
72-54-8	4,4'-DDD	3.5	U	0.14	U				
1031-07-8	Endosulfan sulfate	3.5	U	3.3	U				
50-29-3	4,4'-DDT	5.2		1.4	J				
72-43-5	Methoxychlor	18.	U	17.	U				
53494-70-5	Endrin ketone	0.75	J	3.3	U				
7421-93-4	Endrin aldehyde	1.4	U	1.4	J				
5103-71-9	alpha-Chlordane	0.55	U	1.7	U				
5103-74-2	gamma-Chlordane	1.1	J	0.29	U				
8001-35-2	Toxaphene	180.	U	170.	U				
12674-11-2	Aroclor-1016	35.	U	33.	U				
11104-28-2	Aroclor-1221	72.	U	67.	U				
11141-16-5	Aroclor-1232	35.	U	33.	U				
53469-21-9	Aroclor-1242	35.	U	33.	U				
12672-29-6	Aroclor-1248	35.	U	33.	U				
11097-69-1	Aroclor-1254	35.	U	33.	U				
11096-82-5	Aroclor-1260	35.	U	33.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 33 Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-3302-01
ORIGINAL ID ----->	041J330201
LAB SAMPLE ID --->	S775281*6
ID FROM REPORT -->	041J330201
SAMPLE DATE ----->	09/02/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/29/97
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PEN15	VAL
108-95-2	Phenol	330.	U
111-44-4	bis(2-Chloroethyl)ether	330.	UJ
95-57-8	2-Chlorophenol	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	330.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	330.	U
621-64-7	N-Nitroso-di-n-propylamine	330.	U
67-72-1	Hexachloroethane	330.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	330.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
120-83-2	2,4-Dichlorophenol	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U
91-20-3	Naphthalene	330.	U
106-47-8	4-Chloroaniline	660.	U
87-68-3	Hexachlorobutadiene	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U
91-57-6	2-Methylnaphthalene	330.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U
95-95-4	2,4,5-Trichlorophenol	330.	U
91-58-7	2-Chloronaphthalene	330.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	330.	U
208-96-8	Acenaphthylene	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	330.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	330.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 33 Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-3302-01
ORIGINAL ID ----->	041J330201
LAB SAMPLE ID --->	S775281*6
ID FROM REPORT -->	041J330201
SAMPLE DATE ----->	09/02/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/29/97
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PEN15	VAL
121-14-2	2,4-Dinitrotoluene	330.	U
84-66-2	Diethylphthalate	330.	U
7005-72-3	4-Chlorophenylphenyl ether	330.	U
86-73-7	Fluorene	330.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U
118-74-1	Hexachlorobenzene	330.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	330.	U
120-12-7	Anthracene	330.	U
86-74-8	Carbazole	330.	U
84-74-2	Di-n-butylphthalate	330.	U
206-44-0	Fluoranthene	330.	U
129-00-0	Pyrene	330.	U
85-68-7	Butylbenzylphthalate	330.	U
91-94-1	3,3'-Dichlorobenzidine	660.	U
56-55-3	Benzo(a)anthracene	330.	U
218-01-9	Chrysene	330.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	330.	U
117-84-0	Di-n-octylphthalate	330.	UJ
205-99-2	Benzo(b)fluoranthene	330.	UJ
207-08-9	Benzo(k)fluoranthene	330.	UJ
50-32-8	Benzo(a)pyrene	330.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	330.	UJ
53-70-3	Dibenz(a,h)anthracene	330.	UJ
191-24-2	Benzo(g,h,i)perylene	330.	UJ

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-6401-01	041-J-6406-01				
	ORIGINAL ID ----->	041J640101	041J640601				
	LAB SAMPLE ID --->	S775281*4	S775281*5				
	ID FROM REPORT -->	041J640101	041J640601				
	SAMPLE DATE ----->	09/08/97	09/04/97				
	DATE ANALYZED --->	09/25/97	09/25/97				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	%	%				
CAS #	Parameter	PEN15	PEN15				
9999000-88-4	% LIPIDS	0.49 %	0.7 %				

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Biota Sample

METAL													
		SAMPLE ID ------>	041-J-6401-01		041-J-6406-01								
		ORIGINAL ID ----->	041J640101		041J640601								
		LAB SAMPLE ID --->	S775281*4		S775281*5								
		ID FROM REPORT -->	041J640101		041J640601								
		SAMPLE DATE ----->	09/08/97		09/04/97								
		DATE EXTRACTED -->	09/24/97		09/24/97								
		DATE ANALYZED --->	09/26/97		09/26/97								
		MATRIX ---------->	Soil		Soil								
		UNITS ---------->	MG/KG		MG/KG								
CAS #	Parameter		PEN15	VAL	PEN15	VAL							
7429-90-5	Aluminum		16.9		17.1								
7440-36-0	Antimony		0.98	U	0.98	U							
7440-38-2	Arsenic		0.44	J	0.39	J							
7440-39-3	Barium		NR		NR								
7440-41-7	Beryllium		NR		NR								
7440-43-9	Cadmium		NR		NR								
7440-70-2	Calcium		NR		NR								
7440-47-3	Chromium		0.69		1.1								
7440-48-4	Cobalt		0.13	UJ	0.13	UJ							
7440-50-8	Copper		1.2	J	2.	J							
7439-89-6	Iron		34.9	J	51.8	J							
7439-92-1	Lead		1.9		2.5								
7439-95-4	Magnesium		NR		NR								
7439-96-5	Manganese		4.	J	4.9	J							
7440-02-0	Nickel		0.27	U	0.27	U							
7440-09-7	Potassium		NR		NR								
7782-49-2	Selenium		0.81	U	0.91	U							
7440-22-4	Silver		0.06	UJ	0.06	UJ							
7440-23-5	Sodium		NR		NR								
7440-28-0	Thallium		0.39	UJ	0.39	UJ							
7440-62-2	Vanadium		0.28	J	0.25	J							
7440-66-6	Zinc		33.2		30.1								
7439-97-6	Mercury		NR		NR								
57-12-5	Cyanide (CN)		NR		NR								

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Biota Sample

PEST									
	SAMPLE ID ------->	041-J-6401-01		041-J-6406-01					
	ORIGINAL ID ----->	041J640101		041J640601					
	LAB SAMPLE ID --->	S775281*4		S775281*5					
	ID FROM REPORT -->	041J640101		041J640601					
	SAMPLE DATE ----->	09/08/97		09/04/97					
	DATE EXTRACTED -->	09/23/97		09/23/97					
	DATE ANALYZED --->	10/02/97		10/03/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN15	VAL	PEN15	VAL				
319-84-6	alpha-BHC	1.7	U	3.4	U				
319-85-7	beta-BHC	1.7	U	3.4	U				
319-86-8	delta-BHC	1.7	U	3.4	U				
58-89-9	gamma-BHC (Lindane)	0.44	J	0.61	J				
76-44-8	Heptachlor	1.7	U	3.4	U				
309-00-2	Aldrin	0.38	J	3.4	U				
1024-57-3	Heptachlor epoxide	1.7	U	0.4	J				
959-98-8	Endosulfan I	0.19	J	1.2	J				
60-57-1	Dieldrin	0.66	J	0.8	U				
72-55-9	4,4'-DDE	9.6		13.					
72-20-8	Endrin	3.3	U	6.6	U				
33213-65-9	Endosulfan II	3.3	U	6.6	U				
72-54-8	4,4'-DDD	4.9		4.8	J				
1031-07-8	Endosulfan sulfate	3.3	U	6.6	U				
50-29-3	4,4'-DDT	2.8	J	8.1					
72-43-5	Methoxychlor	17.	U	34.	U				
53494-70-5	Endrin ketone	3.3	U	6.6	U				
7421-93-4	Endrin aldehyde	3.3	U	6.6	U				
5103-71-9	alpha-Chlordane	0.39	U	1.2	J				
5103-74-2	gamma-Chlordane	0.67	U	1.9	J				
8001-35-2	Toxaphene	170.	U	340.	U				
12674-11-2	Aroclor-1016	334.		66.	U				
11104-28-2	Aroclor-1221	67.	U	130.	U				
11141-16-5	Aroclor-1232	33.	U	66.	U				
53469-21-9	Aroclor-1242	33.	U	66.	U				
12672-29-6	Aroclor-1248	33.	U	66.	U				
11097-69-1	Aroclor-1254	33.	U	66.	U				
11096-82-5	Aroclor-1260	26.	J	41.	J				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Biota Sample

SVOA									
	SAMPLE ID ------->	041-J-6401-01		041-J-6406-01					
	ORIGINAL ID ----->	041J640101		041J640601					
	LAB SAMPLE ID --->	S775281*4		S775281*5					
	ID FROM REPORT -->	041J640101		041J640601					
	SAMPLE DATE ----->	09/08/97		09/04/97					
	DATE EXTRACTED -->	09/23/97		09/23/97					
	DATE ANALYZED --->	09/29/97		09/27/97					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN15	VAL	PEN15	VAL				
108-95-2	Phenol	330.	U	330.	U				
111-44-4	bis(2-Chloroethyl)ether	330.	UJ	330.	UJ				
95-57-8	2-Chlorophenol	330.	U	330.	U				
541-73-1	1,3-Dichlorobenzene	330.	U	330.	U				
106-46-7	1,4-Dichlorobenzene	330.	U	330.	U				
95-50-1	1,2-Dichlorobenzene	330.	U	330.	U				
95-48-7	2-Methylphenol (o-Cresol)	330.	U	330.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	330.	U	330.	U				
9999900-32-2	3-Methylphenol/4-Methylphenol	330.	U	330.	U				
621-64-7	N-Nitroso-di-n-propylamine	330.	U	330.	U				
67-72-1	Hexachloroethane	330.	U	330.	U				
98-95-3	Nitrobenzene	330.	U	330.	U				
78-59-1	Isophorone	330.	U	330.	U				
88-75-5	2-Nitrophenol	330.	U	330.	U				
105-67-9	2,4-Dimethylphenol	330.	U	330.	U				
120-83-2	2,4-Dichlorophenol	330.	U	330.	U				
120-82-1	1,2,4-Trichlorobenzene	330.	U	330.	U				
91-20-3	Naphthalene	330.	U	330.	U				
106-47-8	4-Chloroaniline	660.	U	660.	U				
87-68-3	Hexachlorobutadiene	330.	U	330.	U				
111-91-1	bis(2-Chloroethoxy)methane	330.	U	330.	U				
59-50-7	4-Chloro-3-methylphenol	330.	U	330.	U				
91-57-6	2-Methylnaphthalene	330.	U	330.	U				
77-47-4	Hexachlorocyclopentadiene	330.	U	330.	U				
88-06-2	2,4,6-Trichlorophenol	330.	U	330.	U				
95-95-4	2,4,5-Trichlorophenol	330.	U	330.	U				
91-58-7	2-Chloronaphthalene	330.	U	330.	U				
88-74-4	2-Nitroaniline	1700.	U	1700.	U				
131-11-3	Dimethylphthalate	330.	U	330.	U				
208-96-8	Acenaphthylene	330.	U	330.	U				
606-20-2	2,6-Dinitrotoluene	330.	U	330.	U				
99-09-2	3-Nitroaniline	1700.	U	1700.	U				
83-32-9	Acenaphthene	330.	U	330.	U				
51-28-5	2,4-Dinitrophenol	1700.	U	1700.	U				
100-02-7	4-Nitrophenol	1700.	U	1700.	U				
132-64-9	Dibenzofuran	330.	U	330.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 64 Phase III Biota Sample

SVOA									
		SAMPLE ID ------->	041-J-6401-01		041-J-6406-01				
		ORIGINAL ID ----->	041J640101		041J640601				
		LAB SAMPLE ID --->	S775281*4		S775281*5				
		ID FROM REPORT -->	041J640101		041J640601				
		SAMPLE DATE ----->	09/08/97		09/04/97				
		DATE EXTRACTED -->	09/23/97		09/23/97				
		DATE ANALYZED --->	09/29/97		09/27/97				
		MATRIX ---------->	Soil		Soil				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		PEN15	VAL	PEN15	VAL			
121-14-2	2,4-Dinitrotoluene		330.	U	330.	U			
84-66-2	Diethylphthalate		330.	U	330.	U			
7005-72-3	4-Chlorophenylphenyl ether		330.	U	330.	U			
86-73-7	Fluorene		330.	U	330.	U			
100-01-6	4-Nitroaniline		1700.	U	1700.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		1700.	U	1700.	U			
86-30-6	N-Nitrosodiphenylamine		330.	U	330.	U			
101-55-3	4-Bromophenyl-phenylether		330.	U	330.	U			
118-74-1	Hexachlorobenzene		330.	U	330.	U			
87-86-5	Pentachlorophenol		1700.	U	1700.	U			
85-01-8	Phenanthrene		330.	U	330.	U			
120-12-7	Anthracene		330.	U	330.	U			
86-74-8	Carbazole		330.	U	330.	U			
84-74-2	Di-n-butylphthalate		330.	U	330.	U			
206-44-0	Fluoranthene		330.	U	330.	U			
129-00-0	Pyrene		330.	U	330.	U			
85-68-7	Butylbenzylphthalate		330.	U	330.	U			
91-94-1	3,3'-Dichlorobenzidine		660.	U	660.	U			
56-55-3	Benzo(a)anthracene		330.	U	330.	U			
218-01-9	Chrysene		330.	U	330.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		330.	U	330.	U			
117-84-0	Di-n-octylphthalate		330.	UJ	330.	U			
205-99-2	Benzo(b)fluoranthene		330.	UJ	330.	U			
207-08-9	Benzo(k)fluoranthene		330.	UJ	330.	U			
50-32-8	Benzo(a)pyrene		330.	UJ	330.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		330.	UJ	330.	U			
53-70-3	Dibenz(a,h)anthracene		330.	UJ	330.	U			
191-24-2	Benzo(g,h,i)perylene		330.	UJ	330.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 75 Phase III Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-7501-01					
	ORIGINAL ID ----->	041J750101					
	LAB SAMPLE ID --->	S775281*8					
	ID FROM REPORT -->	041J750101					
	SAMPLE DATE ----->	09/05/97					
	DATE ANALYZED --->	09/25/97					
	MATRIX ---------->	Soil					
	UNITS ---------->	%					
CAS #	Parameter	PEN15					
9999000-88-4	% LIPIDS	2.2 %					

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 75 Phase III Biota Sample

METAL		
	SAMPLE ID ------->	041-J-7501-01
	ORIGINAL ID ----->	041J750101
	LAB SAMPLE ID --->	S775281*8
	ID FROM REPORT -->	041J750101
	SAMPLE DATE ----->	09/05/97
	DATE EXTRACTED -->	09/24/97
	DATE ANALYZED --->	09/26/97
	MATRIX ---------->	Soil
	UNITS ---------->	MG/KG

CAS #	Parameter	PEN15	VAL
7429-90-5	Aluminum	18.4	
7440-36-0	Antimony	0.98	U
7440-38-2	Arsenic	0.28	UJ
7440-39-3	Barium	NR	
7440-41-7	Beryllium	NR	
7440-43-9	Cadmium	NR	
7440-70-2	Calcium	NR	
7440-47-3	Chromium	0.41	
7440-48-4	Cobalt	0.13	UJ
7440-50-8	Copper	0.74	J
7439-89-6	Iron	45.3	J
7439-92-1	Lead	0.4	J
7439-95-4	Magnesium	NR	
7439-96-5	Manganese	7.	J
7440-02-0	Nickel	0.27	U
7440-09-7	Potassium	NR	
7782-49-2	Selenium	0.87	U
7440-22-4	Silver	0.06	UJ
7440-23-5	Sodium	NR	
7440-28-0	Thallium	0.39	UJ
7440-62-2	Vanadium	0.19	U
7440-66-6	Zinc	97.2	
7439-97-6	Mercury	NR	
57-12-5	Cyanide (CN)	NR	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 75 Phase III Biota Sample

PEST

SAMPLE ID ------->	041-J-7501-01
ORIGINAL ID ----->	041J750101
LAB SAMPLE ID --->	S775281*8
ID FROM REPORT -->	041J750101
SAMPLE DATE ----->	09/05/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	10/03/97
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PEN15	VAL
319-84-6	alpha-BHC	46.	U
319-85-7	beta-BHC	46.	U
319-86-8	delta-BHC	46.	U
58-89-9	gamma-BHC (Lindane)	46.	U
76-44-8	Heptachlor	46.	U
309-00-2	Aldrin	46.	U
1024-57-3	Heptachlor epoxide	46.	U
959-98-8	Endosulfan I	90.	U
60-57-1	Dieldrin	90.	U
72-55-9	4,4'-DDE	150.	
72-20-8	Endrin	90.	U
33213-65-9	Endosulfan II	90.	U
72-54-8	4,4'-DDD	110.	
1031-07-8	Endosulfan sulfate	90.	U
50-29-3	4,4'-DDT	2.7	U
72-43-5	Methoxychlor	460.	U
53494-70-5	Endrin ketone	90.	U
7421-93-4	Endrin aldehyde	90.	U
5103-71-9	alpha-Chlordane	46.	U
5103-74-2	gamma-Chlordane	46.	U
8001-35-2	Toxaphene	4600.	U
12674-11-2	Aroclor-1016	900.	U
11104-28-2	Aroclor-1221	1800.	U
11141-16-5	Aroclor-1232	900.	U
53469-21-9	Aroclor-1242	900.	U
12672-29-6	Aroclor-1248	900.	U
11097-69-1	Aroclor-1254	900.	U
11096-82-5	Aroclor-1260	900.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 75 Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-7501-01
ORIGINAL ID ----->	041J750101
LAB SAMPLE ID --->	S775281*8
ID FROM REPORT -->	041J750101
SAMPLE DATE ----->	09/05/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	PEN15	VAL
108-95-2	Phenol	330.	U
111-44-4	bis(2-Chloroethyl)ether	330.	UJ
95-57-8	2-Chlorophenol	330.	U
541-73-1	1,3-Dichlorobenzene	330.	U
106-46-7	1,4-Dichlorobenzene	330.	U
95-50-1	1,2-Dichlorobenzene	330.	U
95-48-7	2-Methylphenol (o-Cresol)	330.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	330.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	140.	J
621-64-7	N-Nitroso-di-n-propylamine	330.	U
67-72-1	Hexachloroethane	330.	U
98-95-3	Nitrobenzene	330.	U
78-59-1	Isophorone	330.	U
88-75-5	2-Nitrophenol	330.	U
105-67-9	2,4-Dimethylphenol	330.	U
120-83-2	2,4-Dichlorophenol	330.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U
91-20-3	Naphthalene	330.	U
106-47-8	4-Chloroaniline	660.	U
87-68-3	Hexachlorobutadiene	330.	U
111-91-1	bis(2-Chloroethoxy)methane	330.	U
59-50-7	4-Chloro-3-methylphenol	330.	U
91-57-6	2-Methylnaphthalene	330.	U
77-47-4	Hexachlorocyclopentadiene	330.	U
88-06-2	2,4,6-Trichlorophenol	330.	U
95-95-4	2,4,5-Trichlorophenol	330.	U
91-58-7	2-Chloronaphthalene	330.	U
88-74-4	2-Nitroaniline	1700.	U
131-11-3	Dimethylphthalate	330.	U
208-96-8	Acenaphthylene	330.	U
606-20-2	2,6-Dinitrotoluene	330.	U
99-09-2	3-Nitroaniline	1700.	U
83-32-9	Acenaphthene	330.	U
51-28-5	2,4-Dinitrophenol	1700.	U
100-02-7	4-Nitrophenol	1700.	U
132-64-9	Dibenzofuran	330.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41, PHASE III
Wetland 75 Phase III Biota Sample

SVOA

SAMPLE ID ------->	041-J-7501-01
ORIGINAL ID ----->	041J750101
LAB SAMPLE ID --->	S775281*8
ID FROM REPORT -->	041J750101
SAMPLE DATE ----->	09/05/97
DATE EXTRACTED -->	09/23/97
DATE ANALYZED --->	09/27/97
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	PEN15	VAL
121-14-2	2,4-Dinitrotoluene	330.	U
84-66-2	Diethylphthalate	330.	U
7005-72-3	4-Chlorophenylphenyl ether	330.	U
86-73-7	Fluorene	330.	U
100-01-6	4-Nitroaniline	1700.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	1700.	U
86-30-6	N-Nitrosodiphenylamine	330.	U
101-55-3	4-Bromophenyl-phenylether	330.	U
118-74-1	Hexachlorobenzene	330.	U
87-86-5	Pentachlorophenol	1700.	U
85-01-8	Phenanthrene	330.	U
120-12-7	Anthracene	330.	U
86-74-8	Carbazole	330.	U
84-74-2	Di-n-butylphthalate	330.	U
206-44-0	Fluoranthene	330.	U
129-00-0	Pyrene	330.	UJ
85-68-7	Butylbenzylphthalate	330.	UJ
91-94-1	3,3'-Dichlorobenzidine	660.	UJ
56-55-3	Benzo(a)anthracene	330.	UJ
218-01-9	Chrysene	330.	UJ
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	330.	UJ
117-84-0	Di-n-octylphthalate	330.	UJ
205-99-2	Benzo(b)fluoranthene	330.	UJ
207-08-9	Benzo(k)fluoranthene	330.	UJ
50-32-8	Benzo(a)pyrene	330.	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	330.	UJ
53-70-3	Dibenz(a,h)anthracene	330.	UJ
191-24-2	Benzo(g,h,i)perylene	330.	UJ

*** Validation Complete ***

Reference Wetland Surface Water Data

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Surface Water Data

METAL									
		SAMPLE ID ------->	041-W-3301-01		041-W-3302-01				
		ORIGINAL ID ----->	041W330101		041W330201				
		LAB SAMPLE ID --->	S774823*1		S774823*2				
		ID FROM REPORT -->	041W330101		041W330201				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE EXTRACTED -->	09/09/97		09/09/97				
		DATE ANALYZED --->	09/10/97		09/10/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		PEN11	VAL	PEN11	VAL			
7429-90-5	Aluminum		169.		162.				
7440-36-0	Antimony		3.1	J	2.6	U			
7440-38-2	Arsenic		2.2	UJ	2.2	UJ			
7440-39-3	Barium		10.7		7.2	J			
7440-41-7	Beryllium		0.45	U	0.28	U			
7440-43-9	Cadmium		0.58	U	0.58	U			
7440-70-2	Calcium		100000.		18800.				
7440-47-3	Chromium		0.88	UJ	0.88	UJ			
7440-48-4	Cobalt		0.53	UJ	0.53	UJ			
7440-50-8	Copper		2.4	J	1.7	U			
7439-89-6	Iron		89.7	J	102.	J			
7439-92-1	Lead		1.2	U	1.2	U			
7439-95-4	Magnesium		322000.		55600.				
7439-96-5	Manganese		2.2	U	9.3	J			
7440-02-0	Nickel		1.2	U	1.2	U			
7440-09-7	Potassium		155000.		23300.				
7782-49-2	Selenium		2.6	U	2.6	U			
7440-22-4	Silver		0.03	UJ	0.03	U			
7440-23-5	Sodium		2760000.		462000.				
7440-28-0	Thallium		1.2	UJ	1.2	U			
7440-62-2	Vanadium		0.83	J	0.77	UJ			
7440-66-6	Zinc		3.7	U	3.7	U			
7439-97-6	Mercury		0.05	U	0.05	U			
57-12-5	Cyanide (CN)		1.4	UJ	1.4	UJ			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Surface Water Data

PEST									
	SAMPLE ID ------->	041-W-3301-01		041-W-3302-01					
	ORIGINAL ID ----->	041W330101		041W330201					
	LAB SAMPLE ID --->	S774823*1		S774823*2					
	ID FROM REPORT -->	041W330101		041W330201					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE EXTRACTED -->	08/29/97		08/29/97					
	DATE ANALYZED --->	09/08/97		09/08/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN11	VAL	PEN11	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	0.004	J	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				
72-43-5	Methoxychlor	0.5	U	0.5	U				
53494-70-5	Endrin ketone	0.1	U	0.1	U				
7421-93-4	Endrin aldehyde	0.1	U	0.1	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				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Surface Water Data

SVOA									
	SAMPLE ID ------->	041-W-3301-01		041-W-3302-01					
	ORIGINAL ID ----->	041W330101		041W330201					
	LAB SAMPLE ID --->	S774823*1		S774823*2					
	ID FROM REPORT -->	041W330101		041W330201					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE EXTRACTED -->	08/29/97		08/29/97					
	DATE ANALYZED --->	09/03/97		09/03/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	PEN11	VAL	PEN11	VAL				
108-95-2	Phenol	5.	U	5.	U				
111-44-4	bis(2-Chloroethyl)ether	5.	U	5.	U				
95-57-8	2-Chlorophenol	5.	U	5.	U				
541-73-1	1,3-Dichlorobenzene	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)	5.	U	5.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	5.	U	5.	U				
9999900-32-2	3-Methylphenol/4-Methylphenol	5.	U	5.	U				
621-64-7	N-Nitroso-di-n-propylamine	5.	U	5.	U				
67-72-1	Hexachloroethane	5.	U	5.	U				
98-95-3	Nitrobenzene	5.	U	5.	U				
78-59-1	Isophorone	5.	U	5.	U				
88-75-5	2-Nitrophenol	5.	U	5.	U				
105-67-9	2,4-Dimethylphenol	5.	U	5.	U				
120-83-2	2,4-Dichlorophenol	5.	U	5.	U				
120-82-1	1,2,4-Trichlorobenzene	10.	U	10.	U				
91-20-3	Naphthalene	5.	U	5.	U				
106-47-8	4-Chloroaniline	5.	U	5.	U				
87-68-3	Hexachlorobutadiene	5.	U	5.	U				
111-91-1	bis(2-Chloroethoxy)methane	5.	U	5.	U				
59-50-7	4-Chloro-3-methylphenol	5.	U	5.	U				
91-57-6	2-Methylnaphthalene	5.	U	5.	U				
77-47-4	Hexachlorocyclopentadiene	5.	U	5.	U				
88-06-2	2,4,6-Trichlorophenol	5.	U	5.	U				
95-95-4	2,4,5-Trichlorophenol	20.	U	20.	U				
91-58-7	2-Chloronaphthalene	5.	U	5.	U				
88-74-4	2-Nitroaniline	20.	U	20.	U				
131-11-3	Dimethylphthalate	5.	U	5.	U				
208-96-8	Acenaphthylene	5.	U	5.	U				
606-20-2	2,6-Dinitrotoluene	5.	U	5.	U				
99-09-2	3-Nitroaniline	20.	U	20.	U				
83-32-9	Acenaphthene	5.	U	5.	U				
51-28-5	2,4-Dinitrophenol	20.	UJ	20.	UJ				
100-02-7	4-Nitrophenol	20.	U	20.	U				
132-64-9	Dibenzofuran	5.	U	5.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Surface Water Data

SVOA								
	SAMPLE ID ------->	041-W-3301-01		041-W-3302-01				
	ORIGINAL ID ----->	041W330101		041W330201				
	LAB SAMPLE ID --->	S774823*1		S774823*2				
	ID FROM REPORT -->	041W330101		041W330201				
	SAMPLE DATE ----->	08/27/97		08/27/97				
	DATE EXTRACTED -->	08/29/97		08/29/97				
	DATE ANALYZED --->	09/03/97		09/03/97				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	PEN11	VAL	PEN11	VAL			
121-14-2	2,4-Dinitrotoluene	5.	U	5.	U			
84-66-2	Diethylphthalate	5.	U	5.	U			
7005-72-3	4-Chlorophenylphenyl ether	5.	U	5.	U			
86-73-7	Fluorene	5.	U	5.	U			
100-01-6	4-Nitroaniline	20.	U	20.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol	20.	UJ	20.	UJ			
86-30-6	N-Nitrosodiphenylamine	5.	U	5.	U			
101-55-3	4-Bromophenyl-phenylether	5.	U	5.	U			
118-74-1	Hexachlorobenzene	5.	U	5.	U			
87-86-5	Pentachlorophenol	20.	U	20.	U			
85-01-8	Phenanthrene	5.	U	5.	U			
120-12-7	Anthracene	5.	U	5.	U			
86-74-8	Carbazole	10.	U	10.	U			
84-74-2	Di-n-butylphthalate	5.	U	5.	U			
206-44-0	Fluoranthene	5.	U	5.	U			
129-00-0	Pyrene	5.	U	5.	U			
85-68-7	Butylbenzylphthalate	5.	U	5.	U			
91-94-1	3,3'-Dichlorobenzidine	20.	U	20.	U			
56-55-3	Benzo(a)anthracene	5.	U	5.	U			
218-01-9	Chrysene	5.	U	5.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	5.	U	5.	U			
117-84-0	Di-n-octylphthalate	5.	U	5.	U			
205-99-2	Benzo(b)fluoranthene	5.	U	5.	U			
207-08-9	Benzo(k)fluoranthene	5.	U	5.	U			
50-32-8	Benzo(a)pyrene	5.	U	5.	U			
193-39-5	Indeno(1,2,3-cd)pyrene	5.	U	5.	U			
53-70-3	Dibenz(a,h)anthracene	5.	U	5.	U			
191-24-2	Benzo(g,h,i)perylene	5.	U	5.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Surface Water Data

VOA									
		SAMPLE ID ------->	041-W-3301-01		041-W-3302-01				
		ORIGINAL ID ----->	041W330101		041W330201				
		LAB SAMPLE ID --->	S774823*1		S774823*2				
		ID FROM REPORT -->	041W330101		041W330201				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE ANALYZED --->	09/09/97		09/09/97				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L		UG/L				
CAS #	Parameter		PEN11	VAL	PEN11	VAL			
74-87-3	Chloromethane		1.	U	1.	U			
75-01-4	Vinyl chloride		1.	U	1.	U			
74-83-9	Bromomethane		1.	U	1.	U			
75-00-3	Chloroethane		1.	U	1.	U			
75-35-4	1,1-Dichloroethene		1.	U	1.	U			
75-09-2	Methylene chloride		5.	U	5.	U			
75-34-3	1,1-Dichloroethane		1.	U	1.	U			
67-66-3	Chloroform		1.	U	1.	U			
71-55-6	1,1,1-Trichloroethane		1.	U	1.	U			
56-23-5	Carbon tetrachloride		1.	U	1.	U			
71-43-2	Benzene		1.	U	1.	U			
107-06-2	1,2-Dichloroethane		1.	U	1.	U			
79-01-6	Trichloroethene		1.	U	1.	U			
78-87-5	1,2-Dichloropropane		1.	U	1.	U			
75-27-4	Bromodichloromethane		1.	U	1.	U			
108-88-3	Toluene		1.	U	1.	U			
79-00-5	1,1,2-Trichloroethane		1.	U	1.	U			
127-18-4	Tetrachloroethene		1.	U	1.	U			
124-48-1	Dibromochloromethane		1.	U	1.	U			
108-90-7	Chlorobenzene		1.	U	1.	U			
100-41-4	Ethylbenzene		1.	U	1.	U			
100-42-5	Styrene		1.	U	1.	U			
75-25-2	Bromoform		1.	U	1.	U			
79-34-5	1,1,2,2-Tetrachloroethane		1.	U	1.	U			
67-64-1	Acetone		13.	J	25.	U			
75-15-0	Carbon disulfide		1.	U	1.	U			
78-93-3	2-Butanone (MEK)		10.	U	10.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		10.	U	10.	U			
10061-01-5	cis-1,3-Dichloropropene		1.	U	1.	U			
10061-02-6	trans-1,3-Dichloropropene		1.	U	1.	U			
591-78-6	2-Hexanone		10.	U	10.	U			
1330-20-7	Xylene (Total)		2.	U	2.	U			
540-59-0	1,2-Dichloroethene (total)		1.	U	1.	U			

*** Validation Complete ***

Reference Wetland Sediment Data

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

GRAIN SIZE							
	SAMPLE ID ------->	041-M-3301-01	041-M-3302-01				
	ORIGINAL ID ---->	041M330101	041M330201				
	LAB SAMPLE ID --->	S774823A*1	S774823A*2				
	ID FROM REPORT -->	041M330101	041M330201				
	SAMPLE DATE ----->	08/27/97	08/27/97				
	DATE ANALYZED --->	09/26/97	09/26/97				
	MATRIX ---------->	Sediment	Sediment				
	UNITS ---------->	%	%				
CAS #	Parameter	PEN12	PEN12				
9999900-32-6	Seive Size #4	99.9	99.9				
9999900-32-7	Seive Size #10	97.	98.7				
9999900-32-8	Seive Size #20	96.1	94.8				
9999900-32-9	Seive Size #40	88.4	80.1				
9999900-33-0	Seive Size #60	40.9	21.6				
9999900-33-1	Seive Size #100	17.5	5.5				
9999900-33-2	Seive Size #200	16.7	4.9				

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

METAL									
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01					
	ORIGINAL ID ----->	041M330101		041M330201					
	LAB SAMPLE ID --->	S774823A*1		S774823A*2					
	ID FROM REPORT -->	041M330101		041M330201					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE EXTRACTED -->	09/08/97		09/08/97					
	DATE ANALYZED --->	09/09/97		09/09/97					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL				
7429-90-5	Aluminum	705.		748.					
7440-36-0	Antimony	1.7	UJ	2.1	UJ				
7440-38-2	Arsenic	0.49	UJ	0.59	UJ				
7440-39-3	Barium	0.69	J	0.89	J				
7440-41-7	Beryllium	0.05	U	0.08	J				
7440-43-9	Cadmium	0.07	UJ	0.08	UJ				
7440-70-2	Calcium	236.		853.					
7440-47-3	Chromium	1.6		1.7					
7440-48-4	Cobalt	0.23	UJ	0.27	UJ				
7440-50-8	Copper	2.4		2.6					
7439-89-6	Iron	862.		517.					
7439-92-1	Lead	4.4		6.6					
7439-95-4	Magnesium	328.		943.					
7439-96-5	Manganese	2.5		2.	J				
7440-02-0	Nickel	0.93		0.91	J				
7440-09-7	Potassium	102.		194.					
7782-49-2	Selenium	0.39	J	0.38	J				
7440-22-4	Silver	0.1	UJ	0.13	UJ				
7440-23-5	Sodium	1060.		2920.					
7440-28-0	Thallium	0.68	U	0.82	U				
7440-62-2	Vanadium	1.5	J	2.2					
7440-66-6	Zinc	6.5		3.7	J				
7439-97-6	Mercury	0.06		0.02	U				
57-12-5	Cyanide (CN)	1.	UJ	1.2	UJ				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

PEST									
		SAMPLE ID ------->	041-M-3301-01		041-M-3302-01				
		ORIGINAL ID ----->	041M330101		041M330201				
		LAB SAMPLE ID --->	S774823A*1		S774823A*2				
		ID FROM REPORT -->	041M330101		041M330201				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE EXTRACTED -->	09/05/97		09/05/97				
		DATE ANALYZED --->	09/12/97		09/11/97				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		PEN12	VAL	PEN12	VAL			
319-84-6	alpha-BHC		2.9	U	3.6	U			
319-85-7	beta-BHC		2.9	U	3.6	U			
319-86-8	delta-BHC		2.9	U	3.6	U			
58-89-9	gamma-BHC (Lindane)		2.9	U	1.1	J			
76-44-8	Heptachlor		2.9	U	3.6	U			
309-00-2	Aldrin		2.9	U	3.6	U			
1024-57-3	Heptachlor epoxide		2.9	U	3.6	U			
959-98-8	Endosulfan I		2.9	U	3.6	U			
60-57-1	Dieldrin		5.7	U	0.74	U			
72-55-9	4,4'-DDE		5.7	U	7.	U			
72-20-8	Endrin		5.7	U	7.	U			
33213-65-9	Endosulfan II		5.7	U	7.	U			
72-54-8	4,4'-DDD		5.7	U	2.	J			
1031-07-8	Endosulfan sulfate		5.7	U	7.	U			
50-29-3	4,4'-DDT		5.7	U	7.	U			
72-43-5	Methoxychlor		29.	U	2.	U			
53494-70-5	Endrin ketone		5.7	U	7.	U			
7421-93-4	Endrin aldehyde		5.7	U	7.	U			
5103-71-9	alpha-Chlordane		2.9	U	3.6	U			
5103-74-2	gamma-Chlordane		2.9	U	3.6	U			
8001-35-2	Toxaphene		290.	U	360.	U			
12674-11-2	Aroclor-1016		57.	U	70.	U			
11104-28-2	Aroclor-1221		120.	U	140.	U			
11141-16-5	Aroclor-1232		57.	U	70.	U			
53469-21-9	Aroclor-1242		57.	U	70.	U			
12672-29-6	Aroclor-1248		57.	U	70.	U			
11097-69-1	Aroclor-1254		57.	U	70.	U			
11096-82-5	Aroclor-1260		57.	U	70.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

SVOA								
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01				
	ORIGINAL ID ----->	041M330101		041M330201				
	LAB SAMPLE ID --->	S774823A*1		S774823A*2				
	ID FROM REPORT -->	041M330101		041M330201				
	SAMPLE DATE ----->	08/27/97		08/27/97				
	DATE EXTRACTED -->	09/05/97		09/05/97				
	DATE ANALYZED --->	09/08/97		09/08/97				
	MATRIX ---------->	Sediment		Sediment				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	PEN12	VAL	PEN12	VAL			
108-95-2	Phenol	570.	U	700.	U			
111-44-4	bis(2-Chloroethyl)ether	570.	U	700.	U			
95-57-8	2-Chlorophenol	570.	U	700.	U			
541-73-1	1,3-Dichlorobenzene	570.	U	700.	U			
106-46-7	1,4-Dichlorobenzene	570.	U	700.	U			
95-50-1	1,2-Dichlorobenzene	570.	U	700.	U			
95-48-7	2-Methylphenol (o-Cresol)	570.	U	700.	U			
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	570.	U	700.	U			
9999900-32-2	3-Methylphenol/4-Methylphenol	570.	U	700.	U			
621-64-7	N-Nitroso-di-n-propylamine	570.	U	700.	U			
67-72-1	Hexachloroethane	570.	U	700.	U			
98-95-3	Nitrobenzene	570.	U	700.	U			
78-59-1	Isophorone	570.	U	700.	U			
88-75-5	2-Nitrophenol	570.	U	700.	U			
105-67-9	2,4-Dimethylphenol	570.	U	700.	U			
120-83-2	2,4-Dichlorophenol	570.	U	700.	U			
120-82-1	1,2,4-Trichlorobenzene	570.	U	700.	U			
91-20-3	Naphthalene	570.	U	700.	U			
106-47-8	4-Chloroaniline	570.	U	700.	U			
87-68-3	Hexachlorobutadiene	570.	U	700.	U			
111-91-1	bis(2-Chloroethoxy)methane	570.	U	700.	U			
59-50-7	4-Chloro-3-methylphenol	570.	U	700.	U			
91-57-6	2-Methylnaphthalene	570.	U	700.	U			
77-47-4	Hexachlorocyclopentadiene	570.	U	700.	U			
88-06-2	2,4,6-Trichlorophenol	570.	U	700.	U			
95-95-4	2,4,5-Trichlorophenol	570.	U	700.	U			
91-58-7	2-Chloronaphthalene	570.	U	700.	U			
88-74-4	2-Nitroaniline	1400.	U	1700.	U			
131-11-3	Dimethylphthalate	570.	U	700.	U			
208-96-8	Acenaphthylene	570.	U	700.	U			
606-20-2	2,6-Dinitrotoluene	570.	U	700.	U			
99-09-2	3-Nitroaniline	1400.	U	1700.	U			
83-32-9	Acenaphthene	570.	U	700.	U			
51-28-5	2,4-Dinitrophenol	1400.	U	1700.	U			
100-02-7	4-Nitrophenol	1400.	U	1700.	U			
132-64-9	Dibenzofuran	570.	U	700.	U			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

SVOA									
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01					
	ORIGINAL ID ----->	041M330101		041M330201					
	LAB SAMPLE ID --->	S774823A*1		S774823A*2					
	ID FROM REPORT -->	041M330101		041M330201					
	SAMPLE DATE ----->	08/27/97		08/27/97					
	DATE EXTRACTED -->	09/05/97		09/05/97					
	DATE ANALYZED --->	09/08/97		09/08/97					
	MATRIX ---------->	Sediment		Sediment					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	PEN12	VAL	PEN12	VAL				
121-14-2	2,4-Dinitrotoluene	570.	U	700.	U				
84-66-2	Diethylphthalate	570.	U	700.	U				
7005-72-3	4-Chlorophenylphenyl ether	570.	U	700.	U				
86-73-7	Fluorene	570.	U	700.	U				
100-01-6	4-Nitroaniline	1400.	U	1700.	U				
534-52-1	2-Methyl-4,6-Dinitrophenol	1400.	U	1700.	U				
86-30-6	N-Nitrosodiphenylamine	570.	U	700.	U				
101-55-3	4-Bromophenyl-phenylether	570.	U	700.	U				
118-74-1	Hexachlorobenzene	570.	U	700.	U				
87-86-5	Pentachlorophenol	1400.	U	1700.	U				
85-01-8	Phenanthrene	570.	U	700.	U				
120-12-7	Anthracene	570.	U	700.	U				
86-74-8	Carbazole	570.	U	700.	U				
84-74-2	Di-n-butylphthalate	570.	U	700.	U				
206-44-0	Fluoranthene	570.	U	700.	U				
129-00-0	Pyrene	570.	U	18.	J				
85-68-7	Butylbenzylphthalate	570.	U	700.	U				
91-94-1	3,3'-Dichlorobenzidine	1100.	U	1400.	U				
56-55-3	Benzo(a)anthracene	570.	U	700.	U				
218-01-9	Chrysene	570.	U	700.	U				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	570.	U	700.	U				
117-84-0	Di-n-octylphthalate	570.	U	700.	U				
205-99-2	Benzo(b)fluoranthene	570.	U	700.	U				
207-08-9	Benzo(k)fluoranthene	570.	U	700.	U				
50-32-8	Benzo(a)pyrene	570.	U	700.	U				
193-39-5	Indeno(1,2,3-cd)pyrene	570.	U	700.	U				
53-70-3	Dibenz(a,h)anthracene	570.	U	700.	U				
191-24-2	Benzo(g,h,i)perylene	570.	U	700.	U				

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

TOC							
	SAMPLE ID ------->	041-M-3301-01		041-M-3302-01			
	ORIGINAL ID ----->	041M330101		041M330201			
	LAB SAMPLE ID --->	S774823A*1		S774823A*2			
	ID FROM REPORT -->	041M330101		041M330201			
	SAMPLE DATE ----->	08/27/97		08/27/97			
	DATE EXTRACTED -->	09/09/97		09/09/97			
	DATE ANALYZED --->	09/09/97		09/09/97			
	MATRIX ---------->	Sediment		Sediment			
	UNITS ---------->	MG/KG		MG/KG			
CAS #	Parameter	PEN12	VAL	PEN12	VAL		
9999900-01-4	Total Organic Carbon (TOC)	11000.		34000.			

*** Validation Complete ***

PENSACOLA, SITE 41
Wetland 33 Phase III
Estuarine Reference Sediment Samples

VOA									
		SAMPLE ID ------->	041-M-3301-01 RE		041-M-3302-01				
		ORIGINAL ID ----->	041M330101		041M330201				
		LAB SAMPLE ID --->	S774823A*1*R		S774823A*2				
		ID FROM REPORT -->	041M330101		041M330201				
		SAMPLE DATE ----->	08/27/97		08/27/97				
		DATE ANALYZED --->	09/02/97		09/03/97				
		MATRIX ---------->	Sediment		Sediment				
		UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter		PEN12	VAL	PEN12	VAL			
74-87-3	Chloromethane		17.	U	21.	U			
75-01-4	Vinyl chloride		17.	U	21.	U			
74-83-9	Bromomethane		17.	U	21.	U			
75-00-3	Chloroethane		17.	U	21.	U			
75-35-4	1,1-Dichloroethene		8.6	U	11.	U			
75-09-2	Methylene chloride		8.6	U	11.	U			
75-34-3	1,1-Dichloroethane		8.6	U	11.	U			
67-66-3	Chloroform		8.6	U	11.	U			
71-55-6	1,1,1-Trichloroethane		8.6	U	11.	U			
56-23-5	Carbon tetrachloride		8.6	U	11.	U			
71-43-2	Benzene		8.6	U	11.	U			
107-06-2	1,2-Dichloroethane		8.6	U	11.	U			
79-01-6	Trichloroethene		8.6	U	11.	U			
78-87-5	1,2-Dichloropropane		8.6	U	11.	U			
75-27-4	Bromodichloromethane		8.6	U	11.	U			
108-88-3	Toluene		8.6	U	11.	U			
79-00-5	1,1,2-Trichloroethane		8.6	U	11.	U			
127-18-4	Tetrachloroethene		8.6	U	11.	U			
124-48-1	Dibromochloromethane		8.6	U	11.	U			
108-90-7	Chlorobenzene		8.6	U	11.	U			
100-41-4	Ethylbenzene		8.6	U	11.	U			
100-42-5	Styrene		8.6	U	11.	U			
75-25-2	Bromoform		8.6	U	11.	U			
79-34-5	1,1,2,2-Tetrachloroethane		8.6	U	11.	U			
67-64-1	Acetone		17.	U	21.	U			
75-15-0	Carbon disulfide		8.6	U	11.	U			
78-93-3	2-Butanone (MEK)		17.	U	21.	U			
108-10-1	4-Methyl-2-Pentanone (MIBK)		17.	U	21.	U			
10061-01-5	cis-1,3-Dichloropropene		8.6	U	11.	U			
10061-02-6	trans-1,3-Dichloropropene		8.6	U	11.	U			
591-78-6	2-Hexanone		17.	U	21.	U			
1330-20-7	Xylene (Total)		8.6	U	11.	U			
540-59-0	1,2-Dichloroethene (total)		8.6	U	11.	U			

*** Validation Complete ***

Appendix D

2000 and 2004 Analytical Results

Validation Qualifiers

U **Undetected** — The analyte was analyzed for but not detected, or was also found in an associated blank at a concentration less than 10 times the blank concentration for common organic laboratory contaminants or five times the blank concentration for other target analytes or elements. The associated value shown is the quantitative limit.

J **Estimated Value** — At least one QC parameter was outside control limits.

NJ **Presumptive Identification** — NJ is used for pesticide/PCB analysis when the percent difference exceeds the QC limits by 100% or more. It indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification at an estimated concentration. This qualifier is used for pesticide/PCB validation only.

UJ **Undetected and Estimated** — The analyte was analyzed for, but not detected above the listed estimated quantitation limit; the quantitation limit is estimated because one or more QC parameters were outside control limits.

D **Diluted Result** — The compound was reanalyzed at a secondary dilution factor. If one or more compounds are outside the calibration range during an initial analysis, the laboratory flags the analyte "E." When diluted, the sample results are flagged "D." Generally, values from the initial analysis will be used, except where the value exceeded the calibration range. In this case, the initial analysis value will be substituted by the diluted value to ensure the most representative data. The "D" flag will remain on the value to alert the data user that a secondary dilution value was used.

R/UR **Unusable Data** — One or more QC parameters grossly exceeded control limits.

Table 1
Data Qualifiers

The following codes shall be used by laboratories when reporting data values that either meet the specified description outlined below or do not meet the quality control criteria of the laboratory:[1]

SYMBOL	MEANING
A	Value reported is the arithmetic mean (average) of two or more determinations. This code shall be used if the results of two or more discrete and separate samples are averaged. These samples shall have been processed and analyzed (e.g., laboratory replicate samples, field duplicates, etc.) independently. Do not use this code if the data are the result of replicate analysis on the same sample aliquot, extract or digestate. Under most conditions, replicate values shall be reported as individual analyses.
B	Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts. The code is to be used if the colony count is generated from a plate in which the total number of coliform colonies is outside the method indicated ideal range. This code is not to be used if a 100 mL sample has been filtered and the colony county is less than the lower value of the ideal range.
F	When reporting species: F indicates the female sex.
H	Value based on field kit determination; results may not be accurate. This code shall be used if a field screening test (i.e., field gas chromatograph data, immunoassay, vendor-supplied field kit, etc.) was used to generate the value and the field kit or method has not been recognized by the Department as equivalent to laboratory methods.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	Estimated value; value may not be accurate. This code shall be used in the following instances: 1. Surrogate recovery limits have been exceeded; 2. No known quality control criteria exist for the component; 3. The reported value failed to meet the established quality control criteria for either precision or accuracy; 4. The sample matrix interfered with the ability to make any accurate determination; or 5. The data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample). Note: a "J" value shall be accompanied by justification for its use. A "J" value shall not be used if another code applies (e.g., K, L, M, T, V, Y, I).

[1] Table 1 from Chapter 62-160, F.A.C.

Table 1
Data Qualifiers

SYMBOL	MEANING
K	Off-scale low. Actual value is known to be less than the value given. This code shall be used if: 1. The value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or 2. The value is known to be less than the reported value based on sample size, dilution or some other variable. This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
M	When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than the method detection limit. If the value is less than the method detection limit use "T" below.
N	Presumptive evidence of presence of material. This qualifier shall be used if: 1. The component has been tentatively identified based on mass spectral library search; or 2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).
O	Sampled, but analysis lost or not performed.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected. This symbol shall be used to indicate that the specified component was not detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" above).
V	Indicates that the analyte was detected in both the sample and the associated method blank. Note: the value in the blank shall not be subtracted from associated samples.

Table 1
Data Qualifiers

SYMBOL	MEANING
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.

The following codes deal with certain aspects of field activities. The codes shall be used if the laboratory has knowledge of the specific sampling event. The codes shall be added by the organization collecting samples if they apply:

D	Measurement was made in the field (i.e., in situ). This applies to any value (except pH, specific conductance, dissolved oxygen, temperature, total residual chlorine, transparency, or salinity) that was obtained under field conditions using approved analytical methods. If the parameter code specifies a field measurement (e.g., "Field pH"), this code is not required.
E	Indicates that extra samples were taken at composite stations.
R	Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of ½ inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.
!	Data deviates from historically established concentration ranges.

Sediment Data

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

AV SULFIDE	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/09/01		08/09/01		08/10/01		08/09/01		08/09/01		08/10/01	
	DATE ANALYZED --->	08/10/01		08/10/01		08/10/01		08/10/01		08/10/01		08/10/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
9999001-41-2	ACID VOLATILE SULFIDE	620.	J	220.		800.		1000.		12.	U	2300.	

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

AV SULFIDE

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/09/01
DATE ANALYZED --->	08/10/01
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	NASP14	VAL
9999001-41-2	ACID VOLATILE SULFIDE	12.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

METAL																	
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/16/01		08/16/01		08/16/01		08/16/01		08/16/01		08/16/01	
	DATE ANALYZED --->	08/17/01		08/17/01		08/17/01		08/17/01		08/17/01		08/17/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
7439-97-6	Mercury	0.24		0.18		0.31		0.12		0.0066	J	0.46	
7429-90-5	Aluminum	5700.		2300.		8600.		3000.		130.		18000.	
7440-36-0	Antimony	1.3	U	0.91	U	1.2	U	0.93	U	0.43	U	2.5	U
7440-38-2	Arsenic	7.1		3.2		9.4		4.8		0.45	U	13.	
7440-39-3	Barium	11.		5.5		18.		7.5		6.9		18.	
7440-41-7	Beryllium	0.22	J	0.15	J	0.51	J	0.21	J	0.01	U	1.1	J
7440-43-9	Cadmium	14.		11.		23.		8.6		0.07	J	15.	
7440-70-2	Calcium	2100.		1400.		2900.		2200.		58.		4300.	
7440-47-3	Chromium	500.		310.		700.		370.		7.8		630.	
7440-48-4	Cobalt	1.4	J	1.	J	4.8		1.2	J	0.081	U	4.4	J
7440-50-8	Copper	80.		60.		200.		58.		12.		120.	
7439-89-6	Iron	12000.		7100.		19000.		8000.		190.		33000.	
7439-92-1	Lead	210.		140.		430.		150.		9.7		210.	
7439-95-4	Magnesium	1500.		2100.		4100.		2300.		110.		10000.	
7439-96-5	Manganese	34.		28.		96.		30.		0.74	J	230.	
7440-02-0	Nickel	7.2	J	6.	J	15.		6.9	J	0.26	J	14.	J
7440-09-7	Potassium	430.		610.		1500.		740.		44.	J	4200.	
7782-49-2	Selenium	1.1	U	0.78	U	0.99	U	0.8	U	0.37	U	2.2	U
7440-22-4	Silver	1.5	J	1.4	J	4.		1.3	J	0.071	U	1.8	J
7440-23-5	Sodium	2900.		9600.		15000.		9700.		560.		48000.	
7440-28-0	Thallium	1.4	U	0.98	U	1.2	U	1.	U	0.46	U	2.7	U
7440-62-2	Vanadium	14.		7.7		23.		10.		0.27	J	37.	
7440-66-6	Zinc	250.		200.		380.		140.		3.	J	290.	

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

METAL

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/16/01
DATE ANALYZED --->	08/17/01
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	NASP14	VAL
7439-97-6	Mercury	0.0057	U
7429-90-5	Aluminum	59.	
7440-36-0	Antimony	0.53	U
7440-38-2	Arsenic	0.55	U
7440-39-3	Barium	0.17	J
7440-41-7	Beryllium	0.013	U
7440-43-9	Cadmium	0.063	UJ
7440-70-2	Calcium	86.	
7440-47-3	Chromium	1.	J
7440-48-4	Cobalt	0.1	U
7440-50-8	Copper	1.	U
7439-89-6	Iron	48.	
7439-92-1	Lead	0.38	J
7439-95-4	Magnesium	220.	
7439-96-5	Manganese	0.31	J
7440-02-0	Nickel	0.18	U
7440-09-7	Potassium	81.	J
7782-49-2	Selenium	0.45	U
7440-22-4	Silver	0.088	U
7440-23-5	Sodium	1700.	
7440-28-0	Thallium	0.56	U
7440-62-2	Vanadium	0.12	J
7440-66-6	Zinc	0.13	UJ

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

PCB													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/13/01		08/13/01		08/13/01		08/13/01		08/13/01		08/13/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
12674-11-2	Aroclor-1016	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ
11104-28-2	Aroclor-1221	1400.	U	870.	UJ	1200.	U	980.	U	82.	U	2700.	UJ
11141-16-5	Aroclor-1232	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ
53469-21-9	Aroclor-1242	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ
12672-29-6	Aroclor-1248	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ
11097-69-1	Aroclor-1254	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ
11096-82-5	Aroclor-1260	680.	U	430.	UJ	600.	U	480.	U	40.	U	1300.	UJ

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

PCB

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/13/01
DATE ANALYZED --->	08/15/01
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	NASP14	VAL
12674-11-2	Aroclor-1016	41.	UJ
11104-28-2	Aroclor-1221	84.	UJ
11141-16-5	Aroclor-1232	41.	UJ
53469-21-9	Aroclor-1242	41.	UJ
12672-29-6	Aroclor-1248	41.	UJ
11097-69-1	Aroclor-1254	41.	UJ
11096-82-5	Aroclor-1260	41.	UJ

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

PEST													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/13/01		08/13/01		08/13/01		08/13/01		08/13/01		08/13/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
319-84-6	alpha-BHC	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
319-85-7	beta-BHC	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
319-86-8	delta-BHC	4.4	J	22.	UJ	3.6	J	2.1	J	0.66	J	6.9	J
58-89-9	gamma-BHC (Lindane)	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
76-44-8	Heptachlor	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
309-00-2	Aldrin	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
1024-57-3	Heptachlor epoxide	35.	U	22.	UJ	4.4	J	6.2	J	2.1	U	68.	UJ
959-98-8	Endosulfan I	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
60-57-1	Dieldrin	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
72-55-9	4,4'-DDE	43.	J	8.4	J	32.	J	30.	J	4.	U	130.	UJ
72-20-8	Endrin	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
33213-65-9	Endosulfan II	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
72-54-8	4,4'-DDD	30.	U	14.	U	23.	U	100.	J	4.	U	130.	UJ
1031-07-8	Endosulfan sulfate	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
50-29-3	4,4'-DDT	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
72-43-5	Methoxychlor	350.	UJ	220.	UJ	310.	UJ	250.	UJ	21.	UJ	680.	UJ
53494-70-5	Endrin ketone	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
7421-93-4	Endrin aldehyde	68.	U	43.	UJ	60.	U	48.	U	4.	U	130.	UJ
5103-71-9	alpha-Chlordane	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
5103-74-2	gamma-Chlordane	35.	U	22.	UJ	31.	U	25.	U	2.1	U	68.	UJ
8001-35-2	Toxaphene	3500.	U	2200.	UJ	3100.	U	2500.	U	210.	U	6800.	UJ

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

PEST

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/13/01
DATE ANALYZED --->	08/15/01
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	NASP14	VAL
319-84-6	alpha-BHC	2.1	UJ
319-85-7	beta-BHC	2.1	UJ
319-86-8	delta-BHC	2.1	UJ
58-89-9	gamma-BHC (Lindane)	2.1	UJ
76-44-8	Heptachlor	2.1	UJ
309-00-2	Aldrin	2.1	UJ
1024-57-3	Heptachlor epoxide	2.1	UJ
959-98-8	Endosulfan I	2.1	UJ
60-57-1	Dieldrin	4.1	UJ
72-55-9	4,4'-DDE	4.1	UJ
72-20-8	Endrin	4.1	UJ
33213-65-9	Endosulfan II	4.1	UJ
72-54-8	4,4'-DDD	4.1	UJ
1031-07-8	Endosulfan sulfate	4.1	UJ
50-29-3	4,4'-DDT	4.1	UJ
72-43-5	Methoxychlor	21.	UJ
53494-70-5	Endrin ketone	4.1	UJ
7421-93-4	Endrin aldehyde	4.1	UJ
5103-71-9	alpha-Chlordane	2.1	UJ
5103-74-2	gamma-Chlordane	2.1	UJ
8001-35-2	Toxaphene	210.	UJ

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SEM METAL													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	DATE ANALYZED --->	08/18/01		08/18/01		08/18/01		08/18/01		08/18/01		08/18/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
7440-43-9	Cadmium	8.6	J	9.5	J	14.	J	6.1	J	0.1	J	12.	J
7440-50-8	Copper	1.5	J	3.2	J	18.	J	1.7	J	3.3	J	25.	J
7439-92-1	Lead	100.		95.		180.		69.		3.6		130.	
7440-02-0	Nickel	0.59	J	0.66	J	1.4	J	0.53	J	0.073	J	1.9	J
7440-66-6	Zinc	150.		140.		240.		94.		3.5		210.	

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SEM METAL

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/15/01
DATE ANALYZED --->	08/18/01
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	NASP14	VAL
7440-43-9	Cadmium	0.018	J
7440-50-8	Copper	0.25	J
7439-92-1	Lead	0.34	
7440-02-0	Nickel	0.038	J
7440-66-6	Zinc	0.47	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SVOA													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/13/01		08/13/01		08/13/01		08/13/01		08/13/01		08/13/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
108-95-2	Phenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
111-44-4	bis(2-Chloroethyl)ether	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
95-57-8	2-Chlorophenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
541-73-1	1,3-Dichlorobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
106-46-7	1,4-Dichlorobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
100-51-6	Benzyl alcohol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
95-50-1	1,2-Dichlorobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
95-48-7	2-Methylphenol (o-Cresol)	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
621-64-7	N-Nitroso-di-n-propylamine	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
67-72-1	Hexachloroethane	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
98-95-3	Nitrobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
78-59-1	Isophorone	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
88-75-5	2-Nitrophenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
105-67-9	2,4-Dimethylphenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
111-91-1	bis(2-Chloroethoxy)methane	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
65-85-0	Benzoic acid	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
120-83-2	2,4-Dichlorophenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
120-82-1	1,2,4-Trichlorobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
91-20-3	Naphthalene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
106-47-8	4-Chloroaniline	14000.	U	8600.	U	12000.	U	9600.	U	800.	U	26000.	U
87-68-3	Hexachlorobutadiene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
59-50-7	4-Chloro-3-methylphenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
91-57-6	2-Methylnaphthalene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
77-47-4	Hexachlorocyclopentadiene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
88-06-2	2,4,6-Trichlorophenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
95-95-4	2,4,5-Trichlorophenol	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
91-58-7	2-Chloronaphthalene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
88-74-4	2-Nitroaniline	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
208-96-8	Acenaphthylene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
606-20-2	2,6-Dinitrotoluene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
99-09-2	3-Nitroaniline	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
83-32-9	Acenaphthene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
51-28-5	2,4-Dinitrophenol	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
132-64-9	Dibenzofuran	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SVOA													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/13/01		08/13/01		08/13/01		08/13/01		08/13/01		08/13/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
100-02-7	4-Nitrophenol	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
121-14-2	2,4-Dinitrotoluene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
86-73-7	Fluorene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
131-11-3	Dimethylphthalate	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
84-66-2	Diethylphthalate	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
7005-72-3	4-Chlorophenylphenyl ether	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
100-01-6	4-Nitroaniline	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
122-39-4	Diphenylamine	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
101-55-3	4-Bromophenyl-phenylether	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
118-74-1	Hexachlorobenzene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
87-86-5	Pentachlorophenol	35000.	U	22000.	U	31000.	U	25000.	U	2100.	U	68000.	U
85-01-8	Phenanthrene	6800.	U	230.	J	1100.	J	970.	J	400.	U	13000.	U
120-12-7	Anthracene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
84-74-2	Di-n-butylphthalate	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
206-44-0	Fluoranthene	6800.	U	4300.	U	1800.	J	1600.	J	400.	U	13000.	U
92-87-5	Benzidine	56000.	U	35000.	U	49000.	U	40000.	U	3300.	U	110000.	UJ
129-00-0	Pyrene	6800.	U	4300.	U	1600.	J	1400.	J	400.	U	13000.	U
85-68-7	Butylbenzylphthalate	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
56-55-3	Benzo(a)anthracene	6800.	U	4300.	U	870.	J	660.	J	400.	U	13000.	U
91-94-1	3,3'-Dichlorobenzidine	14000.	U	8600.	U	12000.	U	9600.	U	800.	U	26000.	U
218-01-9	Chrysene	6800.	U	4300.	U	860.	J	840.	J	400.	U	13000.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	980.	J	4300.	U	1500.	J	1300.	J	400.	U	13000.	U
117-84-0	Di-n-octylphthalate	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
205-99-2	Benzo(b)fluoranthene	6800.	U	4300.	U	780.	J	630.	J	400.	U	13000.	U
207-08-9	Benzo(k)fluoranthene	6800.	U	4300.	U	910.	J	510.	J	400.	U	13000.	U
50-32-8	Benzo(a)pyrene	6800.	U	4300.	U	800.	J	540.	J	400.	U	13000.	U
193-39-5	Indeno(1,2,3-cd)pyrene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
53-70-3	Dibenz(a,h)anthracene	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U
191-24-2	Benzo(g,h,i)perylene	6800.	U	4300.	U	490.	J	420.	J	400.	U	13000.	U
62-75-9	N-Nitrosodimethylamine	6800.	U	4300.	U	6000.	U	4800.	U	400.	U	13000.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/13/01
DATE ANALYZED --->	08/15/01
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	NASP14	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	410.	U
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)/bis(2-chlor	410.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	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
111-91-1	bis(2-Chloroethoxy)methane	410.	U
65-85-0	Benzoic acid	2100.	U
120-83-2	2,4-Dichlorophenol	410.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U
91-20-3	Naphthalene	410.	U
106-47-8	4-Chloroaniline	820.	U
87-68-3	Hexachlorobutadiene	410.	U
59-50-7	4-Chloro-3-methylphenol	410.	U
91-57-6	2-Methylnaphthalene	410.	U
77-47-4	Hexachlorocyclopentadiene	410.	U
88-06-2	2,4,6-Trichlorophenol	410.	U
95-95-4	2,4,5-Trichlorophenol	410.	U
91-58-7	2-Chloronaphthalene	410.	U
88-74-4	2-Nitroaniline	2100.	U
208-96-8	Acenaphthylene	410.	U
606-20-2	2,6-Dinitrotoluene	410.	U
99-09-2	3-Nitroaniline	2100.	U
83-32-9	Acenaphthene	410.	U
51-28-5	2,4-Dinitrophenol	2100.	U
132-64-9	Dibenzofuran	410.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/13/01
DATE ANALYZED --->	08/15/01
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	NASP14	VAL
100-02-7	4-Nitrophenol	2100.	U
121-14-2	2,4-Dinitrotoluene	410.	U
86-73-7	Fluorene	410.	U
131-11-3	Dimethylphthalate	410.	U
84-66-2	Diethylphthalate	410.	U
7005-72-3	4-Chlorophenylphenyl ether	410.	U
100-01-6	4-Nitroaniline	2100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	2100.	U
122-39-4	Diphenylamine	410.	U
101-55-3	4-Bromophenyl-phenylether	410.	U
118-74-1	Hexachlorobenzene	410.	U
87-86-5	Pentachlorophenol	2100.	U
85-01-8	Phenanthrene	410.	U
120-12-7	Anthracene	410.	U
84-74-2	Di-n-butylphthalate	410.	U
206-44-0	Fluoranthene	410.	U
92-87-5	Benzidine	3400.	U
129-00-0	Pyrene	410.	U
85-68-7	Butylbenzylphthalate	410.	U
56-55-3	Benzo(a)anthracene	410.	U
91-94-1	3,3'-Dichlorobenzidine	820.	U
218-01-9	Chrysene	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	410.	U
117-84-0	Di-n-octylphthalate	410.	U
205-99-2	Benzo(b)fluoranthene	410.	U
207-08-9	Benzo(k)fluoranthene	410.	U
50-32-8	Benzo(a)pyrene	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3	Dibenz(a,h)anthracene	410.	U
191-24-2	Benzo(g,h,i)perylene	410.	U
62-75-9	N-Nitrosodimethylamine	410.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

TOC													
	SAMPLE ID ------->	041-M-6402-02		041-M-6403-02		041-M-6405-02		041-M-6406-02		041-M-6407-02		041-M-6411-02	
	ORIGINAL ID ----->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	LAB SAMPLE ID --->	S115006*5		S115006*3		S115006*7		S115006*2		S115006*1		S115006*8	
	ID FROM REPORT -->	041M640202		041M640302		041M640502		041M640602		041M640702		041M641102	
	SAMPLE DATE ----->	08/01/01		08/01/01		08/02/01		08/01/01		08/01/01		08/02/01	
	DATE EXTRACTED -->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	DATE ANALYZED --->	08/16/01		08/16/01		08/16/01		08/16/01		08/16/01		08/16/01	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL	NASP14	VAL
9999900-01-4	Total Organic Carbon (TOC)	44000.		180000.		55000.		35000.		2700.		85000.	

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Sediment Sample

TOC

SAMPLE ID ------->	041-M-6424-02
ORIGINAL ID ----->	041M642402
LAB SAMPLE ID --->	S115006*4
ID FROM REPORT -->	041M642402
SAMPLE DATE ----->	08/01/01
DATE EXTRACTED -->	08/15/01
DATE ANALYZED --->	08/16/01
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	NASP14	VAL
9999900-01-4	Total Organic Carbon (TOC)	1400.	

*** Validation Complete ***

Biota Data

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

BIOTA HG											
	SAMPLE ID ------->	040-J-Z130-02		040-J-Z237-02		040-J-Z244-01		040-J-Z247-01		040-J-Z316-01	
	ORIGINAL ID ----->	040MZ13002		040MZ23702		040MZ24401		040JZ24701		040JZ31601	
	LAB SAMPLE ID --->	S115006A*13		S115006A*14		S115006A*12		S115006A*11		S115006A*15	
	ID FROM REPORT -->	040MZ13002		040MZ23702		040MZ24401		040JZ24701		040JZ31601	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/14/01		08/14/01		08/14/01		08/14/01		08/14/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
7439-97-6	Mercury	0.042	J	0.06	J	0.02	U	0.026	J	0.052	J

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

LIPIDS							
	SAMPLE ID ------->	040-J-Z130-02	040-J-Z216-02	040-J-Z237-02	040-J-Z244-01	040-J-Z247-01	040-J-Z316-01
	ORIGINAL ID ----->	040MZ13002	040MZ21602	040MZ23702	040MZ24401	040JZ24701	040JZ31601
	LAB SAMPLE ID --->	S115006A*13	S115006A*5	S115006A*14	S115006A*12	S115006A*11	S115006A*15
	ID FROM REPORT -->	040MZ13002	040MZ21602	040MZ23702	040MZ24401	040JZ24701	040JZ31601
	SAMPLE DATE ----->	08/02/01	08/02/01	08/02/01	08/02/01	08/02/01	08/02/01
	DATE EXTRACTED -->	08/10/01	08/10/01	08/10/01	08/10/01	08/10/01	08/10/01
	DATE ANALYZED --->	08/13/01	08/13/01	08/13/01	08/13/01	08/13/01	08/13/01
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	NASP15	NASP15	NASP15	NASP15	NASP15	NASP15
9999000-88-4	% LIPIDS	0.59 %	0.34 %	0.38 %	0.47 %	1.3 %	1.1 %

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-6402-02	041-J-6403-01	041-J-6403-02	041-J-6403-0K	041-J-6405-01	041-J-6406-02
	ORIGINAL ID ----->	041M640202	041J640301	041J640302	041J64030K	041J640501	041J640602
	LAB SAMPLE ID --->	S115006A*6	S115006A*1	S115006A*4	S115006A*2	S115006A*8	S115006A*3
	ID FROM REPORT -->	041M640202	041J640301	041J640302	041J64030K	041J640501	041J640602
	SAMPLE DATE ----->	08/02/01	08/02/01	08/02/01	08/02/01	08/02/01	08/02/01
	DATE EXTRACTED -->	08/10/01	08/10/01	08/10/01	08/10/01	08/10/01	08/10/01
	DATE ANALYZED --->	08/13/01	08/13/01	08/13/01	08/13/01	08/13/01	08/13/01
	MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
	UNITS ---------->	%	%	%	%	%	%
CAS #	Parameter	NASP15	NASP15	NASP15	NASP15	NASP15	NASP15
9999000-88-4	% LIPIDS	0.34 %	1.2 %	0.71 %	1.1 %	0.5 %	0.92 %

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

LIPIDS							
	SAMPLE ID ------->	041-J-6407-01	041-J-6424-01				
	ORIGINAL ID ----->	041J640701	041J642401				
	LAB SAMPLE ID --->	S115006A*9	S115006A*7				
	ID FROM REPORT -->	041J640701	041J642401				
	SAMPLE DATE ----->	08/02/01	08/02/01				
	DATE EXTRACTED -->	08/10/01	08/10/01				
	DATE ANALYZED --->	08/13/01	08/13/01				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	%	%				
CAS #	Parameter	NASP15	NASP15				
9999000-88-4	% LIPIDS	1.3 %	0.41 %				

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

METAL													
	SAMPLE ID ------->	040-J-Z216-02		041-J-6402-02		041-J-6403-01		041-J-6403-02		041-J-6403-0K		041-J-6405-01	
	ORIGINAL ID ----->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	LAB SAMPLE ID --->	S115006A*5		S115006A*6		S115006A*1		S115006A*4		S115006A*2		S115006A*8	
	ID FROM REPORT -->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/14/01		08/14/01		08/14/01		08/14/01		08/14/01		08/14/01	
	DATE ANALYZED --->	08/15/01		08/15/01		08/15/01		08/15/01		08/15/01		08/15/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
7439-97-6	Mercury	0.033	J	0.018	U	0.024	U	0.024	U	0.028	J	0.022	U
7429-90-5	Aluminum	110.		13.	J	1.8	J	25.		1.3	J	8.6	J
7440-36-0	Antimony	0.42	U	0.35	U	0.42	U	0.38	U	0.38	U	0.38	U
7440-38-2	Arsenic	1.3		0.79	J	0.71	J	1.1		0.98		1.	
7440-39-3	Barium	1.1		3.		19.		4.3		15.		1.5	
7440-41-7	Beryllium	0.01	U	0.0083	U	0.01	U	0.0091	U	0.0091	U	0.0091	U
7440-43-9	Cadmium	0.05	U	0.11	J	0.05	U	0.23	J	0.045	U	0.076	J
7440-70-2	Calcium	8900.		16000.		22000.		17000.		15000.		13000.	
7440-47-3	Chromium	1.1		1.4		0.6	U	2.8		0.4	U	0.82	U
7440-48-4	Cobalt	0.08	U	0.067	U	0.08	U	0.073	U	0.073	U	0.073	U
7440-50-8	Copper	1.6	J	1.3	J	3.7		2.5		1.5	J	2.1	
7439-89-6	Iron	330.		56.		17.		110.		14.		36.	
7439-92-1	Lead	1.4	U	2.4		0.61	U	3.4		0.64	U	1.9	
7439-95-4	Magnesium	460.		550.		620.		680.		470.		580.	
7439-96-5	Manganese	5.3		9.4		13.		9.4		4.7		13.	
7440-02-0	Nickel	0.14	U	0.12	U	0.14	U	0.13	U	0.13	U	0.13	U
7440-09-7	Potassium	2800.		2700.		2800.		3200.		2900.		2900.	
7782-49-2	Selenium	0.8	J	0.67	J	0.49	J	0.75	J	0.87	J	1.	
7440-22-4	Silver	0.07	U	0.058	U	0.07	U	0.064	U	0.064	U	0.064	U
7440-23-5	Sodium	1500.		1700.		1600.		2300.		1400.		1900.	
7440-28-0	Thallium	0.45	UJ	0.38	UJ	0.45	UJ	0.41	UJ	0.41	UJ	0.41	UJ
7440-62-2	Vanadium	0.63	J	0.25	J	0.21	J	0.33	J	0.15	J	0.28	J
7440-66-6	Zinc	18.		26.		54.		31.		35.		32.	

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

METAL													
		SAMPLE ID ------->	041-J-6406-02		041-J-6407-01		041-J-6424-01						
		ORIGINAL ID ----->	041J640602		041J640701		041J642401						
		LAB SAMPLE ID --->	S115006A*3		S115006A*9		S115006A*7						
		ID FROM REPORT -->	041J640602		041J640701		041J642401						
		SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01						
		DATE EXTRACTED -->	08/14/01		08/14/01		08/14/01						
		DATE ANALYZED --->	08/15/01		08/15/01		08/15/01						
		MATRIX ---------->	Soil		Soil		Soil						
		UNITS ---------->	MG/KG		MG/KG		MG/KG						
CAS #	Parameter		NASP15	VAL	NASP15	VAL	NASP15	VAL					
7439-97-6	Mercury		0.045	J	0.078	J	0.096						
7429-90-5	Aluminum		1.5	J	1.4	U	57.						
7440-36-0	Antimony		0.42	U	0.42	U	0.42	U					
7440-38-2	Arsenic		0.7	J	1.3		2.3						
7440-39-3	Barium		20.		1.2		1.						
7440-41-7	Beryllium		0.01	U	0.01	U	0.01	U					
7440-43-9	Cadmium		0.05	U	0.05	U	0.05	U					
7440-70-2	Calcium		25000.		15000.		17000.						
7440-47-3	Chromium		0.56	U	0.38	U	1.2						
7440-48-4	Cobalt		0.08	U	0.08	U	0.08	U					
7440-50-8	Copper		2.2		4.8		1.5	J					
7439-89-6	Iron		16.		17.		97.						
7439-92-1	Lead		0.94	U	0.58	U	1.1	U					
7439-95-4	Magnesium		630.		490.		730.						
7439-96-5	Manganese		8.1		7.		33.						
7440-02-0	Nickel		0.14	U	0.14	U	0.14	U					
7440-09-7	Potassium		2900.		3000.		3100.						
7782-49-2	Selenium		1.1		0.82	J	0.99	J					
7440-22-4	Silver		0.07	U	0.07	U	0.07	U					
7440-23-5	Sodium		1500.		1600.		2300.						
7440-28-0	Thallium		0.45	UJ	0.45	UJ	0.45	UJ					
7440-62-2	Vanadium		0.24	J	0.15	J	0.34	J					
7440-66-6	Zinc		51.		43.		28.						

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

PCB													
	SAMPLE ID ------->	040-J-Z216-02		041-J-6402-02		041-J-6403-01		041-J-6403-02		041-J-6403-0K		041-J-6405-01	
	ORIGINAL ID ----->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	LAB SAMPLE ID --->	S115006A*5		S115006A*6		S115006A*1		S115006A*4		S115006A*2		S115006A*8	
	ID FROM REPORT -->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01		08/10/01		08/10/01		08/10/01	
	DATE ANALYZED --->	08/18/01		08/18/01		08/18/01		08/18/01		08/18/01		08/19/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
12674-11-2	Aroclor-1016	99.	U	99.	U	99.	U	99.	U	99.	UJ	99.	U
11104-28-2	Aroclor-1221	200.	U	200.	U	200.	U	200.	U	200.	UJ	200.	U
11141-16-5	Aroclor-1232	99.	U	99.	U	99.	U	99.	U	99.	UJ	99.	U
53469-21-9	Aroclor-1242	99.	U	99.	U	99.	U	99.	U	99.	UJ	99.	U
12672-29-6	Aroclor-1248	99.	U	99.	U	99.	U	99.	U	99.	UJ	99.	U
11097-69-1	Aroclor-1254	99.	U	99.	U	99.	U	99.	U	99.	UJ	99.	U
11096-82-5	Aroclor-1260	99.	U	99.	U	210.		99.	U	220.	J	99.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

PCB										
	SAMPLE ID ------->	041-J-6406-02		041-J-6407-01		041-J-6424-01				
	ORIGINAL ID ----->	041J640602		041J640701		041J642401				
	LAB SAMPLE ID --->	S115006A*3		S115006A*9		S115006A*7				
	ID FROM REPORT -->	041J640602		041J640701		041J642401				
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01				
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01				
	DATE ANALYZED --->	08/18/01		08/19/01		08/19/01				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL			
12674-11-2	Aroclor-1016	99.	U	82.	U	160.	U			
11104-28-2	Aroclor-1221	200.	U	170.	U	340.	U			
11141-16-5	Aroclor-1232	99.	U	82.	U	160.	U			
53469-21-9	Aroclor-1242	99.	U	82.	U	160.	U			
12672-29-6	Aroclor-1248	99.	U	82.	U	160.	U			
11097-69-1	Aroclor-1254	99.	U	82.	U	160.	U			
11096-82-5	Aroclor-1260	120.	J	120.		160.	U			

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

PEST													
	SAMPLE ID ------->	040-J-Z216-02		041-J-6402-02		041-J-6403-01		041-J-6403-02		041-J-6403-0K		041-J-6405-01	
	ORIGINAL ID ----->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	LAB SAMPLE ID --->	S115006A*5		S115006A*6		S115006A*1		S115006A*4		S115006A*2		S115006A*8	
	ID FROM REPORT -->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01		08/10/01		08/10/01		08/10/01	
	DATE ANALYZED --->	08/18/01		08/18/01		08/18/01		08/18/01		08/18/01		08/19/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
319-84-6	alpha-BHC	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
319-85-7	beta-BHC	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
319-86-8	delta-BHC	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
58-89-9	gamma-BHC (Lindane)	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
76-44-8	Heptachlor	5.1	U	5.1	U	5.1	U	5.1	U	1.2	J	5.1	U
309-00-2	Aldrin	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
1024-57-3	Heptachlor epoxide	5.1	U	5.1	U	5.3	U	5.1	U	5.1	UJ	5.1	U
959-98-8	Endosulfan I	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
60-57-1	Dieldrin	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
72-55-9	4,4'-DDE	3.8	U	6.7	J	25.		6.3	U	14.	J	9.9	U
72-20-8	Endrin	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
33213-65-9	Endosulfan II	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
72-54-8	4,4'-DDD	9.9	U	9.9	U	19.	J	9.9	U	10.	J	9.9	U
1031-07-8	Endosulfan sulfate	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
50-29-3	4,4'-DDT	9.9	U	8.3	J	28.	J	9.6	J	26.	J	9.9	U
72-43-5	Methoxychlor	51.	U	51.	U	51.	U	51.	U	51.	UJ	51.	U
53494-70-5	Endrin ketone	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
7421-93-4	Endrin aldehyde	9.9	U	9.9	U	9.9	U	9.9	U	9.9	UJ	9.9	U
5103-71-9	alpha-Chlordane	5.1	U	5.1	U	5.1	U	5.1	U	5.1	UJ	5.1	U
5103-74-2	gamma-Chlordane	0.69	U	0.93	U	4.4	J	1.6	U	5.	J	0.81	U
8001-35-2	Toxaphene	510.	U	510.	U	510.	U	510.	U	510.	UJ	510.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

PEST										
	SAMPLE ID ------->	041-J-6406-02		041-J-6407-01		041-J-6424-01				
	ORIGINAL ID ----->	041J640602		041J640701		041J642401				
	LAB SAMPLE ID --->	S115006A*3		S115006A*9		S115006A*7				
	ID FROM REPORT -->	041J640602		041J640701		041J642401				
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01				
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01				
	DATE ANALYZED --->	08/18/01		08/19/01		08/19/01				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL			
319-84-6	alpha-BHC	5.1	U	4.2	U	8.5	U			
319-85-7	beta-BHC	5.1	U	4.2	U	8.5	U			
319-86-8	delta-BHC	5.1	U	4.2	U	8.5	U			
58-89-9	gamma-BHC (Lindane)	5.1	U	1.6	J	0.9	J			
76-44-8	Heptachlor	5.1	U	4.2	U	8.5	U			
309-00-2	Aldrin	5.1	U	4.2	U	8.5	U			
1024-57-3	Heptachlor epoxide	5.1	U	4.2	U	8.5	U			
959-98-8	Endosulfan I	5.1	U	4.2	U	8.5	U			
60-57-1	Dieldrin	9.9	U	8.2	U	16.	U			
72-55-9	4,4'-DDE	22.		7.7	J	16.	U			
72-20-8	Endrin	9.9	U	8.2	U	16.	U			
33213-65-9	Endosulfan II	9.9	U	8.2	U	16.	U			
72-54-8	4,4'-DDD	13.	J	8.2	U	16.	U			
1031-07-8	Endosulfan sulfate	9.9	U	8.2	U	16.	U			
50-29-3	4,4'-DDT	23.	J	16.	J	16.	U			
72-43-5	Methoxychlor	51.	U	42.	U	85.	U			
53494-70-5	Endrin ketone	9.9	U	8.2	U	16.	U			
7421-93-4	Endrin aldehyde	9.9	U	8.2	U	16.	U			
5103-71-9	alpha-Chlordane	5.1	U	4.2	U	8.5	U			
5103-74-2	gamma-Chlordane	4.	J	4.2	U	8.5	U			
8001-35-2	Toxaphene	510.	U	420.	U	850.	U			

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

SVOA													
	SAMPLE ID ------->	040-J-Z216-02		041-J-6402-02		041-J-6403-01		041-J-6403-02		041-J-6403-0K		041-J-6405-01	
	ORIGINAL ID ----->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	LAB SAMPLE ID --->	S115006A*5		S115006A*6		S115006A*1		S115006A*4		S115006A*2		S115006A*8	
	ID FROM REPORT -->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01		08/10/01		08/10/01		08/10/01	
	DATE ANALYZED --->	08/14/01		08/14/01		08/14/01		08/14/01		08/14/01		08/14/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
108-95-2	Phenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
111-44-4	bis(2-Chloroethyl)ether	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
95-57-8	2-Chlorophenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
541-73-1	1,3-Dichlorobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
106-46-7	1,4-Dichlorobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
100-51-6	Benzyl alcohol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
95-50-1	1,2-Dichlorobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
95-48-7	2-Methylphenol (o-Cresol)	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
621-64-7	N-Nitroso-di-n-propylamine	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
67-72-1	Hexachloroethane	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
98-95-3	Nitrobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
78-59-1	Isophorone	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
88-75-5	2-Nitrophenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
105-67-9	2,4-Dimethylphenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
111-91-1	bis(2-Chloroethoxy)methane	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
65-85-0	Benzoic acid	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
120-83-2	2,4-Dichlorophenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
120-82-1	1,2,4-Trichlorobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
91-20-3	Naphthalene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
106-47-8	4-Chloroaniline	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U
87-68-3	Hexachlorobutadiene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
59-50-7	4-Chloro-3-methylphenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
91-57-6	2-Methylnaphthalene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
77-47-4	Hexachlorocyclopentadiene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
88-06-2	2,4,6-Trichlorophenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
95-95-4	2,4,5-Trichlorophenol	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
91-58-7	2-Chloronaphthalene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
88-74-4	2-Nitroaniline	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
208-96-8	Acenaphthylene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
606-20-2	2,6-Dinitrotoluene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
99-09-2	3-Nitroaniline	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
83-32-9	Acenaphthene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
51-28-5	2,4-Dinitrophenol	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
132-64-9	Dibenzofuran	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

SVOA													
	SAMPLE ID ------->	040-J-Z216-02		041-J-6402-02		041-J-6403-01		041-J-6403-02		041-J-6403-0K		041-J-6405-01	
	ORIGINAL ID ----->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	LAB SAMPLE ID --->	S115006A*5		S115006A*6		S115006A*1		S115006A*4		S115006A*2		S115006A*8	
	ID FROM REPORT -->	040MZ21602		041M640202		041J640301		041J640302		041J64030K		041J640501	
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01		08/02/01		08/02/01		08/02/01	
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01		08/10/01		08/10/01		08/10/01	
	DATE ANALYZED --->	08/14/01		08/14/01		08/14/01		08/14/01		08/14/01		08/14/01	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL	NASP15	VAL
100-02-7	4-Nitrophenol	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
121-14-2	2,4-Dinitrotoluene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
86-73-7	Fluorene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
131-11-3	Dimethylphthalate	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
84-66-2	Diethylphthalate	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
7005-72-3	4-Chlorophenylphenyl ether	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
100-01-6	4-Nitroaniline	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
534-52-1	2-Methyl-4,6-Dinitrophenol	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
122-39-4	Diphenylamine	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
101-55-3	4-Bromophenyl-phenylether	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
118-74-1	Hexachlorobenzene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
87-86-5	Pentachlorophenol	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U	5100.	U
85-01-8	Phenanthrene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
120-12-7	Anthracene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
84-74-2	Di-n-butylphthalate	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
206-44-0	Fluoranthene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
92-87-5	Benzidine	8100.	U	8100.	U	8100.	U	8100.	U	8100.	U	8100.	U
129-00-0	Pyrene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
85-68-7	Butylbenzylphthalate	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
56-55-3	Benzo(a)anthracene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
91-94-1	3,3'-Dichlorobenzidine	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U	2000.	U
218-01-9	Chrysene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	990.	U	990.	U	160.	J	990.	U	160.	J	990.	U
117-84-0	Di-n-octylphthalate	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
205-99-2	Benzo(b)fluoranthene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
207-08-9	Benzo(k)fluoranthene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
50-32-8	Benzo(a)pyrene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
193-39-5	Indeno(1,2,3-cd)pyrene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
53-70-3	Dibenz(a,h)anthracene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
191-24-2	Benzo(g,h,i)perylene	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U
62-75-9	N-Nitrosodimethylamine	990.	U	990.	U	990.	U	990.	U	990.	U	990.	U

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

SVOA											
	SAMPLE ID ------->	041-J-6406-02		041-J-6407-01		041-J-6424-01					
	ORIGINAL ID ----->	041J640602		041J640701		041J642401					
	LAB SAMPLE ID --->	S115006A*3		S115006A*9		S115006A*7					
	ID FROM REPORT -->	041J640602		041J640701		041J642401					
	SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01					
	DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01					
	DATE ANALYZED --->	08/14/01		08/14/01		08/14/01					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	NASP15	VAL	NASP15	VAL	NASP15	VAL				
108-95-2	Phenol	990.	U	990.	U	990.	U				
111-44-4	bis(2-Chloroethyl)ether	990.	U	990.	U	990.	U				
95-57-8	2-Chlorophenol	990.	U	990.	U	990.	U				
541-73-1	1,3-Dichlorobenzene	990.	U	990.	U	990.	U				
106-46-7	1,4-Dichlorobenzene	990.	U	990.	U	990.	U				
100-51-6	Benzyl alcohol	990.	U	990.	U	990.	U				
95-50-1	1,2-Dichlorobenzene	990.	U	990.	U	990.	U				
95-48-7	2-Methylphenol (o-Cresol)	990.	U	990.	U	990.	U				
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	990.	U	990.	U	990.	U				
621-64-7	N-Nitroso-di-n-propylamine	990.	U	990.	U	990.	U				
9999900-32-2	3-Methylphenol/4-Methylphenol	990.	U	990.	U	990.	U				
67-72-1	Hexachloroethane	990.	U	990.	U	990.	U				
98-95-3	Nitrobenzene	990.	U	990.	U	990.	U				
78-59-1	Isophorone	990.	U	990.	U	990.	U				
88-75-5	2-Nitrophenol	990.	U	990.	U	990.	U				
105-67-9	2,4-Dimethylphenol	990.	U	990.	U	990.	U				
111-91-1	bis(2-Chloroethoxy)methane	990.	U	990.	U	990.	U				
65-85-0	Benzoic acid	5100.	U	5100.	U	5100.	U				
120-83-2	2,4-Dichlorophenol	990.	U	990.	U	990.	U				
120-82-1	1,2,4-Trichlorobenzene	990.	U	990.	U	990.	U				
91-20-3	Naphthalene	990.	U	990.	U	990.	U				
106-47-8	4-Chloroaniline	2000.	U	2000.	U	2000.	U				
87-68-3	Hexachlorobutadiene	990.	U	990.	U	990.	U				
59-50-7	4-Chloro-3-methylphenol	990.	U	990.	U	990.	U				
91-57-6	2-Methylnaphthalene	990.	U	990.	U	990.	U				
77-47-4	Hexachlorocyclopentadiene	990.	U	990.	U	990.	U				
88-06-2	2,4,6-Trichlorophenol	990.	U	990.	U	990.	U				
95-95-4	2,4,5-Trichlorophenol	990.	U	990.	U	990.	U				
91-58-7	2-Chloronaphthalene	990.	U	990.	U	990.	U				
88-74-4	2-Nitroaniline	5100.	U	5100.	U	5100.	U				
208-96-8	Acenaphthylene	990.	U	990.	U	990.	U				
606-20-2	2,6-Dinitrotoluene	990.	U	990.	U	990.	U				
99-09-2	3-Nitroaniline	5100.	U	5100.	U	5100.	U				
83-32-9	Acenaphthene	990.	U	990.	U	990.	U				
51-28-5	2,4-Dinitrophenol	5100.	U	5100.	U	5100.	U				
132-64-9	Dibenzofuran	990.	U	990.	U	990.	U				

*** Validation Complete ***

PENSACOLA, SITE 40
PENSACOLA, 2000 SAMPLING EVENT
Wetland 64 2000 Biota Sample

SVOA											
		SAMPLE ID ------->	041-J-6406-02		041-J-6407-01		041-J-6424-01				
		ORIGINAL ID ----->	041J640602		041J640701		041J642401				
		LAB SAMPLE ID --->	S115006A*3		S115006A*9		S115006A*7				
		ID FROM REPORT -->	041J640602		041J640701		041J642401				
		SAMPLE DATE ----->	08/02/01		08/02/01		08/02/01				
		DATE EXTRACTED -->	08/10/01		08/10/01		08/10/01				
		DATE ANALYZED --->	08/14/01		08/14/01		08/14/01				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ---------->	UG/KG		UG/KG		UG/KG				
CAS #	Parameter		NASP15	VAL	NASP15	VAL	NASP15	VAL			
100-02-7	4-Nitrophenol		5100.	U	5100.	U	5100.	U			
121-14-2	2,4-Dinitrotoluene		990.	U	990.	U	990.	U			
86-73-7	Fluorene		990.	U	990.	U	990.	U			
131-11-3	Dimethylphthalate		990.	U	990.	U	990.	U			
84-66-2	Diethylphthalate		990.	U	990.	U	990.	U			
7005-72-3	4-Chlorophenylphenyl ether		990.	U	990.	U	990.	U			
100-01-6	4-Nitroaniline		5100.	U	5100.	U	5100.	U			
534-52-1	2-Methyl-4,6-Dinitrophenol		5100.	U	5100.	U	5100.	U			
122-39-4	Diphenylamine		990.	U	990.	U	990.	U			
101-55-3	4-Bromophenyl-phenylether		990.	U	990.	U	990.	U			
118-74-1	Hexachlorobenzene		990.	U	990.	U	990.	U			
87-86-5	Pentachlorophenol		5100.	U	5100.	U	5100.	U			
85-01-8	Phenanthrene		990.	U	990.	U	990.	U			
120-12-7	Anthracene		990.	U	990.	U	990.	U			
84-74-2	Di-n-butylphthalate		990.	U	990.	U	990.	U			
206-44-0	Fluoranthene		990.	U	990.	U	990.	U			
92-87-5	Benzidine		8100.	U	8100.	U	8100.	U			
129-00-0	Pyrene		990.	U	990.	U	990.	U			
85-68-7	Butylbenzylphthalate		990.	U	990.	U	990.	U			
56-55-3	Benzo(a)anthracene		990.	U	990.	U	990.	U			
91-94-1	3,3'-Dichlorobenzidine		2000.	U	2000.	U	2000.	U			
218-01-9	Chrysene		990.	U	990.	U	990.	U			
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		990.	U	990.	U	990.	U			
117-84-0	Di-n-octylphthalate		990.	U	990.	U	990.	U			
205-99-2	Benzo(b)fluoranthene		990.	U	990.	U	990.	U			
207-08-9	Benzo(k)fluoranthene		990.	U	990.	U	990.	U			
50-32-8	Benzo(a)pyrene		990.	U	990.	U	990.	U			
193-39-5	Indeno(1,2,3-cd)pyrene		990.	U	990.	U	990.	U			
53-70-3	Dibenz(a,h)anthracene		990.	U	990.	U	990.	U			
191-24-2	Benzo(g,h,i)perylene		990.	U	990.	U	990.	U			
62-75-9	N-Nitrosodimethylamine		990.	U	990.	U	990.	U			

*** Validation Complete ***

Sediment Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

LOW PAH													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/15/04		04/15/04		04/15/04		04/15/04		04/15/04		04/15/04	
	DATE ANALYZED --->	04/16/04		04/16/04		04/16/04		04/17/04		04/16/04		04/16/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
91-20-3	Naphthalene	16.	U	13.	U	11.	U	4.1	U	10.	U	16.	U
208-96-8	Acenaphthylene	19.	U	15.	U	13.	U	5.	U	13.	U	20.	U
83-32-9	Acenaphthene	20.	U	16.	U	14.	U	5.2	U	14.	U	20.	U
86-73-7	Fluorene	17.	U	14.	U	12.	U	4.5	U	12.	U	18.	U
85-01-8	Phenanthrene	140.	U	54.	U	70.	U	7.9	U	12.	U	18.	U
120-12-7	Anthracene	21.	U	17.	U	14.	U	5.6	U	15.	U	22.	U
206-44-0	Fluoranthene	290.		200.		170.		15.	I	39.	I	69.	I
129-00-0	Pyrene	210.		160.		140.		13.	I	37.	I	59.	I
218-01-9	Chrysene	160.		120.		110.		5.8	U	15.	U	56.	I
56-55-3	Benzo(a)anthracene	120.	I	98.	I	65.	I	4.4	U	12.	U	17.	U
205-99-2	Benzo(b)fluoranthene	21.	U	17.	U	14.	U	5.6	U	15.	U	22.	U
207-08-9	Benzo(k)fluoranthene	22.	U	17.	U	15.	U	5.7	U	15.	U	22.	U
50-32-8	Benzo(a)pyrene	20.	U	16.	U	14.	U	5.2	U	14.	U	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	14.	U	12.	U	9.8	U	3.8	U	10.	U	15.	U
53-70-3	Dibenz(a,h)anthracene	20.	U	16.	U	13.	U	5.1	U	14.	U	20.	U
191-24-2	Benzo(g,h,i)perylene	14.	U	11.	U	9.2	U	3.5	U	9.4	U	14.	U
91-57-6	2-Methylnaphthalene	12.	U	9.5	U	8.	U	3.1	U	8.2	U	12.	U
90-12-0	1-Methyl naphthalene	7.8	U	6.2	U	5.3	U	2.	U	5.4	U	8.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

PCB													
		SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
		ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
		LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
		ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
		SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
		DATE EXTRACTED -->	04/15/04		04/15/04		04/15/04		04/15/04		04/15/04		04/15/04	
		DATE ANALYZED --->	05/03/04		05/03/04		05/03/04		05/03/04		05/03/04		05/03/04	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
12674-11-2	Aroclor-1016		8.7	U	7.	U	5.9	U	5.6	U	6.	U	8.9	U
11104-28-2	Aroclor-1221		38.	U	30.	U	26.	U	25.	U	26.	U	39.	U
11141-16-5	Aroclor-1232		15.	U	12.	U	10.	U	9.7	U	10.	U	15.	U
53469-21-9	Aroclor-1242		15.	U	12.	U	10.	U	9.7	U	10.	U	15.	U
12672-29-6	Aroclor-1248		14.	U	12.	U	9.8	U	9.4	U	10.	U	15.	U
11097-69-1	Aroclor-1254		15.	U	12.	U	10.	U	9.7	U	10.	U	15.	U
11096-82-5	Aroclor-1260		150.		60.		62.		6.4	U	20.	I	96.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

PEST													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/15/04		04/15/04		04/15/04		04/15/04		04/15/04		04/15/04	
	DATE ANALYZED --->	05/03/04		05/03/04		05/03/04		05/03/04		05/03/04		05/03/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
319-84-6	alpha-BHC	0.53	U	0.43	U	0.36	U	0.35	U	0.37	U	0.54	U
319-85-7	beta-BHC	0.64	U	0.52	U	0.44	U	0.42	U	0.45	U	2.9	I
319-86-8	delta-BHC	0.27	U	0.21	U	0.18	U	0.17	U	0.18	U	0.27	U
58-89-9	gamma-BHC (Lindane)	0.33	U	0.27	U	0.23	U	0.22	U	0.23	U	0.34	U
76-44-8	Heptachlor	0.62	U	0.5	U	0.42	U	0.4	U	0.43	U	0.64	U
309-00-2	Aldrin	0.24	U	0.2	U	0.17	U	5.6	U	0.24	U	7.	U
1024-57-3	Heptachlor epoxide	0.38	U	0.3	U	0.26	U	0.25	U	0.26	U	0.39	U
959-98-8	Endosulfan I	0.38	U	0.3	U	0.26	U	0.25	U	0.26	U	0.39	U
60-57-1	Dieldrin	29.		14.		14.		8.6		9.		100.	
72-55-9	4,4'-DDE	18.	I	23.	I	12.	I	7.8	U	8.3	U	24.	I
72-20-8	Endrin	0.96	U	0.77	U	0.65	U	0.62	U	0.66	U	0.98	U
7421-93-4	Endrin aldehyde	0.69	U	0.55	U	0.47	U	0.45	U	0.48	U	0.7	U
33213-65-9	Endosulfan II	0.49	U	0.39	U	0.33	U	0.32	U	0.34	U	0.5	U
72-54-8	4,4'-DDD	7.8	U	6.2	U	5.3	U	5.1	U	5.4	U	8.	U
1031-07-8	Endosulfan sulfate	0.98	U	0.78	U	0.67	U	0.64	U	0.68	U	1.	U
50-29-3	4,4'-DDT	6.9	U	5.5	U	4.7	U	4.5	U	4.8	U	7.	U
53494-70-5	Endrin ketone	0.84	U	0.68	U	0.58	U	0.55	U	0.58	U	0.86	U
72-43-5	Methoxychlor	0.44	U	0.36	U	0.3	U	0.29	U	0.31	U	0.45	U
5103-71-9	alpha-Chlordane	0.24	U	0.2	U	0.17	U	0.16	U	0.17	U	0.25	U
5103-74-2	gamma-Chlordane	0.29	U	0.23	U	0.2	U	0.19	U	0.2	U	0.3	U
8001-35-2	Toxaphene	73.	U	59.	U	50.	U	48.	U	51.	U	75.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

SVOA													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/15/04		04/15/04		04/15/04		04/15/04		04/15/04		04/15/04	
	DATE ANALYZED --->	04/19/04		04/20/04		04/20/04		04/20/04		04/20/04		04/20/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
108-95-2	Phenol	91.	U	73.	U	62.	U	59.	U	63.	U	93.	U
111-44-4	bis(2-Chloroethyl)ether	82.	U	66.	U	56.	U	54.	U	57.	U	84.	U
95-57-8	2-Chlorophenol	91.	U	73.	U	62.	U	59.	U	63.	U	93.	U
541-73-1	1,3-Dichlorobenzene	51.	U	41.	U	35.	U	33.	U	35.	U	52.	U
106-46-7	1,4-Dichlorobenzene	53.	U	43.	U	36.	U	35.	U	37.	U	54.	U
95-50-1	1,2-Dichlorobenzene	51.	U	41.	U	35.	U	33.	U	35.	U	52.	U
95-48-7	2-Methylphenol (o-Cresol)	100.	U	82.	U	70.	U	67.	U	71.	U	100.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	71.	U	57.	U	48.	U	46.	U	49.	U	73.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	89.	U	73.	I	410.	I	58.	U	62.	U	200.	I
621-64-7	N-Nitroso-di-n-propylamine	67.	U	54.	U	45.	U	43.	U	46.	U	68.	U
67-72-1	Hexachloroethane	42.	U	34.	U	29.	U	28.	U	29.	U	43.	U
98-95-3	Nitrobenzene	69.	U	55.	U	47.	U	45.	U	48.	U	70.	U
78-59-1	Isophorone	58.	U	46.	U	39.	U	38.	U	40.	U	59.	U
88-75-5	2-Nitrophenol	58.	U	46.	U	39.	U	38.	U	40.	U	59.	U
105-67-9	2,4-Dimethylphenol	62.	U	50.	U	42.	U	40.	U	43.	U	64.	U
111-91-1	bis(2-Chloroethoxy)methane	71.	U	57.	U	48.	U	46.	U	49.	U	73.	U
120-83-2	2,4-Dichlorophenol	64.	U	52.	U	44.	U	42.	U	45.	U	66.	U
120-82-1	1,2,4-Trichlorobenzene	84.	U	68.	U	58.	U	55.	U	58.	U	86.	U
106-47-8	4-Chloroaniline	64.	U	52.	U	44.	U	42.	U	45.	U	66.	U
87-68-3	Hexachlorobutadiene	60.	U	48.	U	41.	U	39.	U	42.	U	61.	U
59-50-7	4-Chloro-3-methylphenol	89.	U	71.	U	61.	U	58.	U	62.	U	91.	U
77-47-4	Hexachlorocyclopentadiene	600.	U	480.	U	410.	U	390.	U	420.	U	610.	U
88-06-2	2,4,6-Trichlorophenol	71.	U	57.	U	48.	U	46.	U	49.	U	73.	U
95-95-4	2,4,5-Trichlorophenol	69.	U	55.	U	47.	U	45.	U	48.	U	70.	U
91-58-7	2-Chloronaphthalene	82.	U	66.	U	56.	U	54.	U	57.	U	84.	U
88-74-4	2-Nitroaniline	56.	U	45.	U	38.	U	36.	U	38.	U	57.	U
131-11-3	Dimethylphthalate	78.	U	62.	U	53.	U	51.	U	54.	U	80.	U
99-09-2	3-Nitroaniline	67.	U	54.	U	45.	U	43.	U	46.	U	68.	U
51-28-5	2,4-Dinitrophenol	760.	U	610.	U	520.	U	490.	U	520.	U	770.	U
100-02-7	4-Nitrophenol	56.	U	45.	U	38.	U	36.	U	38.	U	57.	U
132-64-9	Dibenzofuran	76.	U	61.	U	52.	U	49.	U	52.	U	77.	U
121-14-2	2,4-Dinitrotoluene	49.	U	39.	U	33.	U	32.	U	34.	U	50.	U
606-20-2	2,6-Dinitrotoluene	64.	U	52.	U	44.	U	42.	U	45.	U	66.	U
84-66-2	Diethylphthalate	78.	U	62.	U	53.	U	51.	U	54.	U	80.	U
7005-72-3	4-Chlorophenylphenyl ether	58.	U	46.	U	39.	U	38.	U	40.	U	59.	U
100-01-6	4-Nitroaniline	58.	U	46.	U	39.	U	38.	U	40.	U	59.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

SVOA													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/15/04		04/15/04		04/15/04		04/15/04		04/15/04		04/15/04	
	DATE ANALYZED --->	04/19/04		04/20/04		04/20/04		04/20/04		04/20/04		04/20/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
534-52-1	2-Methyl-4,6-Dinitrophenol	69.	U	55.	U	47.	U	45.	U	48.	U	70.	U
86-30-6	N-Nitrosodiphenylamine	67.	U	54.	U	45.	U	43.	U	46.	U	68.	U
101-55-3	4-Bromophenyl-phenylether	67.	U	54.	U	45.	U	43.	U	46.	U	68.	U
118-74-1	Hexachlorobenzene	84.	U	68.	U	58.	U	55.	U	58.	U	86.	U
87-86-5	Pentachlorophenol	76.	U	61.	U	52.	U	49.	U	52.	U	77.	U
84-74-2	Di-n-butylphthalate	87.	U	330.	I	59.	UJ	56.	U	60.	U	89.	U
85-68-7	Butylbenzylphthalate	71.	U	57.	U	48.	U	46.	U	49.	U	73.	U
91-94-1	3,3'-Dichlorobenzidine	58.	U	46.	U	39.	U	38.	U	40.	U	59.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	190.	I	190.	I	180.	I	64.	U	68.	U	150.	I
117-84-0	Di-n-octylphthalate	71.	U	57.	U	48.	U	46.	U	49.	U	73.	U
86-74-8	Carbazole	67.	U	54.	U	45.	U	43.	U	46.	U	68.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

TOC													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/19/04		04/19/04		04/19/04		04/19/04		04/19/04		04/19/04	
	DATE ANALYZED --->	04/20/04		04/20/04		04/20/04		04/20/04		04/20/04		04/20/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
9999900-01-4	Total Organic Carbon (TOC)	15000.		3800.		5700.		3500.		14000.		4100.	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

TOT METAL													
	SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
	ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
	ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
	SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
	DATE EXTRACTED -->	04/12/04		04/12/04		04/12/04		04/12/04		04/12/04		04/12/04	
	DATE ANALYZED --->	04/15/04		04/15/04		04/13/04		04/15/04		04/15/04		04/15/04	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
7429-90-5	Aluminum	3400.		860.	J	1500.	J	300.		420.		760.	
7440-36-0	Antimony	3.6	I	2.2	I	2.	I	1.8	I	1.1	I	2.5	I
7440-38-2	Arsenic	0.84	I	0.56	U	0.46	U	0.46	U	0.46	U	0.66	U
7440-39-3	Barium	18.		3.3	J	6.1	J	1.5		1.8		4.5	
7440-41-7	Beryllium	0.15	I	0.068	I	0.079	I	0.038	I	0.036	I	0.066	I
7440-43-9	Cadmium	31.		1.	J	5.1	J	0.95		1.1		5.1	
7440-70-2	Calcium	1100.		340.		330.		100.		140.		380.	
7440-47-3	Chromium	470.		24.	J	63.	J	14.		23.		55.	
7440-48-4	Cobalt	4.1		0.4	I	1.	I	0.3	I	0.39	I	1.1	I
7440-50-8	Copper	90.		12.	J	29.	J	5.3		7.8		16.	
7439-89-6	Iron	1800.		470.	J	1600.	J	210.		290.		800.	
7439-92-1	Lead	420.		38.	J	94.	J	19.		24.		48.	
7439-95-4	Magnesium	210.		83.	I	81.		26.	I	28.	I	58.	I
7439-96-5	Manganese	11.		2.8		3.9		1.1	I	4.7		21.	
7440-02-0	Nickel	20.		1.2	I	3.7	I	0.61	I	0.97	I	3.	I
7440-09-7	Potassium	74.	I	27.	I	38.	I	12.	I	17.	I	30.	I
7782-49-2	Selenium	1.	U	0.89	U	0.74	U	0.74	U	0.74	U	1.1	U
7440-22-4	Silver	6.4		0.18	UJ	0.58	I	0.15	U	0.15	U	0.38	I
7440-23-5	Sodium	38.	I	12.	I	15.	I	8.3	I	7.5	I	14.	I
7440-28-0	Thallium	1.4	U	1.3	U	1.1	U	1.1	U	1.1	U	1.5	U
7440-62-2	Vanadium	6.7		1.1	I	2.5	J	0.55	I	0.86	I	1.2	I
7440-66-6	Zinc	200.		45.	J	120.	J	28.		19.		60.	
7439-97-6	Mercury	0.22		0.086		0.082		0.0068	U	0.019	I	0.12	

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 5B 2004 Sediment Sampling

VOA															
		SAMPLE ID ------->	041-M-5B02-02		041-M-5B03-01		041-N-5B03-01		041-M-5B04-01		041-M-5B05-01		041-M-5B06-01	
		ORIGINAL ID ----->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
		LAB SAMPLE ID --->	S442931*1		S442931*2		S442931*3		S442931*4		S442931*5		S442931*6	
		ID FROM REPORT -->	041M5B0202		041M5B0301		041N5B0301		041M5B0401		041M5B0501		041M5B0601	
		SAMPLE DATE ----->	04/06/04		04/06/04		04/06/04		04/06/04		04/06/04		04/06/04	
		DATE EXTRACTED -->	04/09/04		04/09/04		04/12/04		04/12/04		04/12/04		04/12/04	
		DATE ANALYZED --->	04/09/04		04/09/04		04/12/04		04/12/04		04/12/04		04/12/04	
		MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
		UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter		PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL	PEN16	VAL
74-87-3	Chloromethane		3.	U	2.4	U	2.2	U	2.1	U	2.3	U	3.5	U
74-83-9	Bromomethane		7.4	U	6.	U	5.4	U	5.1	U	5.6	U	8.6	U
75-01-4	Vinyl chloride		3.7	I	2.4	U	2.2	U	2.1	U	2.3	U	3.5	U
75-00-3	Chloroethane		3.7	U	3.	U	2.7	U	2.6	U	2.8	U	4.3	U
75-09-2	Methylene chloride		5.2	U	4.2	U	3.8	U	3.6	U	3.9	U	6.1	U
67-64-1	Acetone		28.	I	21.	I	13.	U	12.	U	13.	U	20.	U
75-15-0	Carbon disulfide		4.4	U	3.5	U	3.2	U	3.	U	3.3	U	5.	U
75-35-4	1,1-Dichloroethene		3.7	U	3.	U	2.7	U	2.6	U	2.8	U	4.3	U
75-34-3	1,1-Dichloroethane		2.2	U	1.8	U	1.6	U	1.5	U	1.6	U	2.5	U
156-59-2	cis-1,2-Dichloroethene		2.4	U	1.9	U	1.7	U	1.7	U	1.8	U	7.7	I
156-60-5	trans-1,2-Dichloroethene		2.6	U	2.1	U	1.9	U	1.8	U	2.	U	3.	U
67-66-3	Chloroform		2.6	U	2.1	U	1.9	U	1.8	U	2.	U	3.	U
107-06-2	1,2-Dichloroethane		3.3	U	2.6	U	2.4	U	2.3	U	2.4	U	3.8	U
78-93-3	2-Butanone (MEK)		10.	U	8.2	U	7.4	U	7.1	U	7.7	U	12.	U
71-55-6	1,1,1-Trichloroethane		1.8	U	1.4	U	1.3	U	1.2	U	1.3	U	2.	U
56-23-5	Carbon tetrachloride		2.	U	1.6	U	1.5	U	1.4	U	1.5	U	2.4	U
75-27-4	Bromodichloromethane		2.8	U	2.3	U	2.	U	2.	U	2.1	U	3.3	U
79-34-5	1,1,2,2-Tetrachloroethane		4.4	U	3.5	U	3.2	U	3.	U	3.3	U	5.	U
78-87-5	1,2-Dichloropropane		2.6	U	2.1	U	1.9	U	1.8	U	2.	U	3.	U
10061-02-6	trans-1,3-Dichloropropene		3.5	U	2.8	U	2.5	U	2.4	U	2.6	U	4.	U
79-01-6	Trichloroethene		2.4	U	1.9	U	1.7	U	1.7	U	1.8	U	2.8	U
124-48-1	Dibromochloromethane		3.	U	2.4	U	2.2	U	2.1	U	2.3	U	3.5	U
79-00-5	1,1,2-Trichloroethane		3.9	U	3.2	U	2.8	U	2.7	U	2.9	U	4.5	U
71-43-2	Benzene		2.4	U	1.9	U	1.7	U	1.7	U	1.8	U	2.8	U
10061-01-5	cis-1,3-Dichloropropene		2.6	U	2.1	U	1.9	U	1.8	U	2.	U	3.	U
75-25-2	Bromoform		3.7	U	3.	U	2.7	U	2.6	U	2.8	U	4.3	U
591-78-6	2-Hexanone		11.	U	8.9	U	8.	U	7.7	U	8.3	U	13.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)		11.	U	8.8	U	7.9	U	7.5	U	8.2	U	13.	U
127-18-4	Tetrachloroethene		3.3	U	2.6	U	2.4	U	2.3	U	2.4	U	3.8	U
108-88-3	Toluene		3.9	U	3.2	U	2.8	U	3.5	I	2.9	U	4.5	U
108-90-7	Chlorobenzene		2.8	U	2.3	U	2.	U	2.	U	2.1	U	3.3	U
100-41-4	Ethylbenzene		2.2	U	1.8	U	1.6	U	1.5	U	1.6	U	2.5	U
100-42-5	Styrene		2.4	U	1.9	U	1.7	U	1.7	U	1.8	U	2.8	U
1330-20-7	Xylene (Total)		6.5	U	5.2	U	4.7	U	4.5	U	4.9	U	7.6	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

LOW PAH

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/15/04
DATE ANALYZED --->	04/17/04
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN17	VAL
91-20-3	Naphthalene	3.7	U
208-96-8	Acenaphthylene	4.5	U
83-32-9	Acenaphthene	4.7	U
86-73-7	Fluorene	4.1	U
85-01-8	Phenanthrene	5.6	I
120-12-7	Anthracene	5.	U
206-44-0	Fluoranthene	4.5	U
129-00-0	Pyrene	6.3	U
218-01-9	Chrysene	5.3	U
56-55-3	Benzo(a)anthracene	4.	U
205-99-2	Benzo(b)fluoranthene	5.	U
207-08-9	Benzo(k)fluoranthene	5.2	U
50-32-8	Benzo(a)pyrene	4.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	U
53-70-3	Dibenz(a,h)anthracene	4.6	U
191-24-2	Benzo(g,h,i)perylene	3.2	U
91-57-6	2-Methylnaphthalene	2.8	U
90-12-0	1-Methyl naphthalene	1.8	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

PCB

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/15/04
DATE ANALYZED --->	04/29/04
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN17	VAL
12674-11-2	Aroclor-1016	5.1	U
11104-28-2	Aroclor-1221	22.	U
11141-16-5	Aroclor-1232	8.8	U
53469-21-9	Aroclor-1242	8.8	U
12672-29-6	Aroclor-1248	8.6	U
11097-69-1	Aroclor-1254	8.8	U
11096-82-5	Aroclor-1260	5.8	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

PEST

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/15/04
DATE ANALYZED --->	04/29/04
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN17	VAL
319-84-6	alpha-BHC	0.32	U
319-85-7	beta-BHC	0.38	U
319-86-8	delta-BHC	0.16	U
58-89-9	gamma-BHC (Lindane)	0.2	U
76-44-8	Heptachlor	0.37	U
309-00-2	Aldrin	0.14	U
1024-57-3	Heptachlor epoxide	0.22	U
959-98-8	Endosulfan I	0.22	U
60-57-1	Dieldrin	0.41	U
72-55-9	4,4'-DDE	0.71	U
72-20-8	Endrin	0.56	U
7421-93-4	Endrin aldehyde	0.41	U
33213-65-9	Endosulfan II	0.29	U
72-54-8	4,4'-DDD	0.46	U
1031-07-8	Endosulfan sulfate	0.58	U
50-29-3	4,4'-DDT	0.41	U
53494-70-5	Endrin ketone	0.5	U
72-43-5	Methoxychlor	0.26	U
5103-71-9	alpha-Chlordane	0.14	U
5103-74-2	gamma-Chlordane	0.17	U
8001-35-2	Toxaphene	43.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/15/04
DATE ANALYZED --->	04/22/04
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN17	VAL
108-95-2	Phenol	54.	U
111-44-4	bis(2-Chloroethyl)ether	49.	U
95-57-8	2-Chlorophenol	54.	U
541-73-1	1,3-Dichlorobenzene	30.	U
106-46-7	1,4-Dichlorobenzene	32.	U
95-50-1	1,2-Dichlorobenzene	30.	U
95-48-7	2-Methylphenol (o-Cresol)	60.	U
108-60-1	2,2'-oxybis(1-Chloropropane)/bis(2-chlor	42.	U
9999900-32-2	3-Methylphenol/4-Methylphenol	53.	U
621-64-7	N-Nitroso-di-n-propylamine	39.	U
67-72-1	Hexachloroethane	25.	U
98-95-3	Nitrobenzene	41.	U
78-59-1	Isophorone	34.	U
88-75-5	2-Nitrophenol	34.	U
105-67-9	2,4-Dimethylphenol	37.	U
111-91-1	bis(2-Chloroethoxy)methane	42.	U
120-83-2	2,4-Dichlorophenol	38.	U
120-82-1	1,2,4-Trichlorobenzene	50.	U
106-47-8	4-Chloroaniline	38.	U
87-68-3	Hexachlorobutadiene	36.	U
59-50-7	4-Chloro-3-methylphenol	53.	U
77-47-4	Hexachlorocyclopentadiene	360.	U
88-06-2	2,4,6-Trichlorophenol	42.	U
95-95-4	2,4,5-Trichlorophenol	41.	U
91-58-7	2-Chloronaphthalene	49.	U
88-74-4	2-Nitroaniline	33.	U
131-11-3	Dimethylphthalate	46.	U
99-09-2	3-Nitroaniline	39.	U
51-28-5	2,4-Dinitrophenol	450.	U
100-02-7	4-Nitrophenol	33.	U
132-64-9	Dibenzofuran	45.	U
121-14-2	2,4-Dinitrotoluene	29.	U
606-20-2	2,6-Dinitrotoluene	38.	U
84-66-2	Diethylphthalate	46.	U
7005-72-3	4-Chlorophenylphenyl ether	34.	U
100-01-6	4-Nitroaniline	34.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

SVOA

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/15/04
DATE ANALYZED --->	04/22/04
MATRIX ---------->	Sediment
UNITS ----------->	UG/KG

CAS #	Parameter	PEN17	VAL
534-52-1	2-Methyl-4,6-Dinitrophenol	41.	U
86-30-6	N-Nitrosodiphenylamine	39.	U
101-55-3	4-Bromophenyl-phenylether	39.	U
118-74-1	Hexachlorobenzene	50.	U
87-86-5	Pentachlorophenol	68.	J
84-74-2	Di-n-butylphthalate	51.	U
85-68-7	Butylbenzylphthalate	42.	U
91-94-1	3,3'-Dichlorobenzidine	34.	U
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	58.	U
117-84-0	Di-n-octylphthalate	42.	U
86-74-8	Carbazole	39.	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

TOC							
	SAMPLE ID ------->	041-M-19A1-01					
	ORIGINAL ID ----->	041M19A101					
	LAB SAMPLE ID --->	S443041*1					
	ID FROM REPORT -->	041M19A101					
	SAMPLE DATE ----->	04/08/04					
	DATE EXTRACTED -->	04/19/04					
	DATE ANALYZED --->	04/20/04					
	MATRIX ---------->	Sediment					
	UNITS ---------->	MG/KG					
CAS #	Parameter	PEN17 VAL					
9999900-01-4	Total Organic Carbon (TOC)	1700.					

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

TOT METAL

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/12/04
DATE ANALYZED --->	04/15/04
MATRIX ---------->	Sediment
UNITS ----------->	MG/KG

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	910.	
7440-36-0	Antimony	1.1	I
7440-38-2	Arsenic	0.56	I
7440-39-3	Barium	0.99	I
7440-41-7	Beryllium	0.036	I
7440-43-9	Cadmium	0.067	U
7440-70-2	Calcium	50.	I
7440-47-3	Chromium	0.95	I
7440-48-4	Cobalt	0.13	U
7440-50-8	Copper	0.47	I
7439-89-6	Iron	540.	
7439-92-1	Lead	1.5	
7439-95-4	Magnesium	27.	I
7439-96-5	Manganese	1.6	
7440-02-0	Nickel	0.26	I
7440-09-7	Potassium	21.	I
7782-49-2	Selenium	0.59	U
7440-22-4	Silver	0.12	U
7440-23-5	Sodium	3.5	I
7440-28-0	Thallium	0.85	U
7440-62-2	Vanadium	1.5	
7440-66-6	Zinc	1.3	I
7439-97-6	Mercury	0.0048	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

TOT METAL

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/12/04
DATE ANALYZED --->	04/15/04
MATRIX ---------->	Sediment
UNITS ---------->	MG/KG

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	910.	
7440-36-0	Antimony	1.1	I
7440-38-2	Arsenic	0.56	I
7440-39-3	Barium	0.99	I
7440-41-7	Beryllium	0.036	I
7440-43-9	Cadmium	0.067	U
7440-70-2	Calcium	50.	I
7440-47-3	Chromium	0.95	I
7440-48-4	Cobalt	0.13	U
7440-50-8	Copper	0.47	I
7439-89-6	Iron	540.	
7439-92-1	Lead	1.5	
7439-95-4	Magnesium	27.	I
7439-96-5	Manganese	1.6	
7440-02-0	Nickel	0.26	I
7440-09-7	Potassium	21.	I
7782-49-2	Selenium	0.59	U
7440-22-4	Silver	0.12	U
7440-23-5	Sodium	3.5	I
7440-28-0	Thallium	0.85	U
7440-62-2	Vanadium	1.5	
7440-66-6	Zinc	1.3	I
7439-97-6	Mercury	0.0048	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Sediment Sample

VOA

SAMPLE ID ------->	041-M-19A1-01
ORIGINAL ID ----->	041M19A101
LAB SAMPLE ID --->	S443041*1
ID FROM REPORT -->	041M19A101
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/19/04
DATE ANALYZED --->	04/19/04
MATRIX ---------->	Sediment
UNITS ---------->	UG/KG

CAS #	Parameter	PEN17	VAL
74-87-3	Chloromethane	1.7	U
74-83-9	Bromomethane	4.2	U
75-01-4	Vinyl chloride	1.7	U
75-00-3	Chloroethane	2.1	U
75-09-2	Methylene chloride	3.	U
67-64-1	Acetone	9.9	U
75-15-0	Carbon disulfide	2.5	U
75-35-4	1,1-Dichloroethene	2.1	U
75-34-3	1,1-Dichloroethane	1.2	U
156-59-2	cis-1,2-Dichloroethene	1.4	U
156-60-5	trans-1,2-Dichloroethene	1.5	U
67-66-3	Chloroform	3.4	I
107-06-2	1,2-Dichloroethane	1.9	U
78-93-3	2-Butanone (MEK)	5.8	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	2.3	I
75-27-4	Bromodichloromethane	1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U
78-87-5	1,2-Dichloropropane	1.5	U
10061-02-6	trans-1,3-Dichloropropene	2.	U
79-01-6	Trichloroethene	1.4	U
124-48-1	Dibromochloromethane	1.7	U
79-00-5	1,1,2-Trichloroethane	2.2	U
71-43-2	Benzene	1.4	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
75-25-2	Bromoform	2.1	U
591-78-6	2-Hexanone	6.3	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	6.2	U
127-18-4	Tetrachloroethene	1.9	U
108-88-3	Toluene	2.2	U
108-90-7	Chlorobenzene	1.6	U
100-41-4	Ethylbenzene	1.2	U
100-42-5	Styrene	1.4	U
1330-20-7	Xylene (Total)	3.7	U

*** Validation Complete ***

Surface Water Data

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 6 2004 Surface Water Data

DISS METAL

SAMPLE ID ------->	041-W-0610-02
ORIGINAL ID ----->	041W061002
LAB SAMPLE ID --->	S443041*2
ID FROM REPORT -->	041W061002
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	53.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	40.	
7440-41-7	Beryllium	0.94	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	24000.	
7440-47-3	Chromium	1.7	I
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	1.3	I
7439-89-6	Iron	450.	
7439-92-1	Lead	3.6	I
7439-95-4	Magnesium	3500.	
7439-96-5	Manganese	6.8	I
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	2600.	
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	13000.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	0.94	I
7440-66-6	Zinc	17.	I
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 6 2004 Surface Water Data

TOT METAL

SAMPLE ID ------->	041-W-0610-02
ORIGINAL ID ----->	041W061002
LAB SAMPLE ID --->	S443041*2
ID FROM REPORT -->	041W061002
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	1200.	
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	5.7	I
7440-39-3	Barium	46.	
7440-41-7	Beryllium	0.34	I
7440-43-9	Cadmium	2.5	I
7440-70-2	Calcium	30000.	
7440-47-3	Chromium	21.	
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	19.	I
7439-89-6	Iron	3300.	
7439-92-1	Lead	40.	
7439-95-4	Magnesium	3800.	
7439-96-5	Manganese	110.	
7440-02-0	Nickel	2.5	I
7440-09-7	Potassium	2400.	
7782-49-2	Selenium	6.9	I
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	13000.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	3.4	I
7440-66-6	Zinc	78.	
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 6 2004 Surface Water Data

VOA		
	SAMPLE ID ------->	041-W-0610-02
	ORIGINAL ID ----->	041W061002
	LAB SAMPLE ID --->	S443041*2
	ID FROM REPORT -->	041W061002
	SAMPLE DATE ----->	04/08/04
	DATE EXTRACTED -->	04/15/04
	DATE ANALYZED --->	04/15/04
	MATRIX ---------->	Water
	UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
74-87-3	Chloromethane	0.39	U
74-83-9	Bromomethane	0.62	U
75-01-4	Vinyl chloride	0.56	U
75-00-3	Chloroethane	0.78	U
75-09-2	Methylene chloride	0.64	U
67-64-1	Acetone	5.	U
75-15-0	Carbon disulfide	0.66	U
75-35-4	1,1-Dichloroethene	0.98	I
75-34-3	1,1-Dichloroethane	0.8	I
156-59-2	cis-1,2-Dichloroethene	5.1	
156-60-5	trans-1,2-Dichloroethene	0.4	U
67-66-3	Chloroform	0.37	U
107-06-2	1,2-Dichloroethane	0.26	U
78-93-3	2-Butanone (MEK)	5.6	U
71-55-6	1,1,1-Trichloroethane	0.32	U
56-23-5	Carbon tetrachloride	0.31	U
75-27-4	Bromodichloromethane	0.14	U
79-34-5	1,1,2,2-Tetrachloroethane	0.18	U
78-87-5	1,2-Dichloropropane	0.33	U
10061-02-6	trans-1,3-Dichloropropene	0.26	U
79-01-6	Trichloroethene	1.3	
124-48-1	Dibromochloromethane	0.5	U
79-00-5	1,1,2-Trichloroethane	0.22	U
71-43-2	Benzene	0.36	U
10061-01-5	cis-1,3-Dichloropropene	0.23	U
75-25-2	Bromoform	0.33	U
591-78-6	2-Hexanone	0.93	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	0.65	U
127-18-4	Tetrachloroethene	0.35	U
108-88-3	Toluene	0.54	U
108-90-7	Chlorobenzene	11.	
100-41-4	Ethylbenzene	0.34	U
100-42-5	Styrene	0.25	U
1330-20-7	Xylene (Total)	1.3	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 10 2004 Surface Water Data

DISS METAL

SAMPLE ID ------->	033-W-0001-02
ORIGINAL ID ----->	033W000102
LAB SAMPLE ID --->	S443041*5
ID FROM REPORT -->	033W000102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ----------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	32.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	12.	
7440-41-7	Beryllium	0.3	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	44000.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	24.	I
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	6600.	
7439-96-5	Manganese	1.9	I
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	3800.	
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	31000.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	0.7	U
7440-66-6	Zinc	0.6	U
7439-97-6	Mercury	0.11	I

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 10 2004 Surface Water Data

TOT METAL

SAMPLE ID ------->	033-W-0001-02
ORIGINAL ID ----->	033W000102
LAB SAMPLE ID --->	S443041*5
ID FROM REPORT -->	033W000102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	480.	
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	15.	
7440-41-7	Beryllium	0.5	I
7440-43-9	Cadmium	0.82	I
7440-70-2	Calcium	46000.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	1.6	I
7439-89-6	Iron	900.	
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	6900.	
7439-96-5	Manganese	290.	
7440-02-0	Nickel	2.7	I
7440-09-7	Potassium	4000.	
7782-49-2	Selenium	8.9	I
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	33000.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	3.3	I
7440-66-6	Zinc	2.	I
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 16 2004 Surface Water Data

DISS METAL

SAMPLE ID -------->	041-W-1501-02
ORIGINAL ID ----->	041W150102
LAB SAMPLE ID --->	S443041*8
ID FROM REPORT -->	041W150102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	35.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.6	I
7440-39-3	Barium	40.	
7440-41-7	Beryllium	0.57	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	170000.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	18.	U
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	440000.	
7439-96-5	Manganese	3.4	I
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	160000.	
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	3400000.	
7440-28-0	Thallium	8.9	I
7440-62-2	Vanadium	0.7	U
7440-66-6	Zinc	5.6	I
7439-97-6	Mercury	0.093	I

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 16 2004 Surface Water Data

TOT METAL

SAMPLE ID ------->	041-W-1501-02
ORIGINAL ID ----->	041W150102
LAB SAMPLE ID --->	S443041*8
ID FROM REPORT -->	041W150102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	500.	
7440-36-0	Antimony	11.	I
7440-38-2	Arsenic	5.5	I
7440-39-3	Barium	43.	
7440-41-7	Beryllium	0.67	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	180000.	
7440-47-3	Chromium	2.5	I
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	2600.	
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	480000.	
7439-96-5	Manganese	210.	
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	200000.	
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	3600000.	
7440-28-0	Thallium	17.	
7440-62-2	Vanadium	2.3	I
7440-66-6	Zinc	13.	I
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

DATALCP3
09/14/04

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 17 2004 Surface Water Data

Time: 20:27

DISS METAL

SAMPLE ID ------->	041-W-1701-02
ORIGINAL ID ----->	041W170102
LAB SAMPLE ID --->	S443041*7
ID FROM REPORT -->	041W170102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	44.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	17.	
7440-41-7	Beryllium	0.66	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	230000.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	18.	U
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	700000.	
7439-96-5	Manganese	19.	
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	250000.	
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	5100000.	
7440-28-0	Thallium	8.7	I
7440-62-2	Vanadium	0.7	U
7440-66-6	Zinc	2.7	I
7439-97-6	Mercury	0.081	I

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 17 2004 Surface Water Data

TOT METAL

SAMPLE ID ------->	041-W-1701-02
ORIGINAL ID ----->	041W170102
LAB SAMPLE ID --->	S443041*7
ID FROM REPORT -->	041W170102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	66.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	4.8	I
7440-39-3	Barium	18.	
7440-41-7	Beryllium	0.62	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	240000.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	110.	
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	740000.	
7439-96-5	Manganese	26.	
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	280000.	
7782-49-2	Selenium	5.9	I
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	5600000.	
7440-28-0	Thallium	8.3	I
7440-62-2	Vanadium	0.7	U
7440-66-6	Zinc	0.6	U
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Surface Water Data

DISS METAL			
	SAMPLE ID ------->	041-W-19A1-02	
	ORIGINAL ID ----->	041W19A102	
	LAB SAMPLE ID --->	S443041*9	
	ID FROM REPORT -->	041W19A102	
	SAMPLE DATE ----->	04/08/04	
	DATE EXTRACTED -->	04/13/04	
	DATE ANALYZED --->	04/14/04	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	
CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	57.	I
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	5.4	I
7440-41-7	Beryllium	0.28	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	6900.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	190.	
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	1100.	
7439-96-5	Manganese	2.2	I
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	690.	I
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	5400.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	0.7	U
7440-66-6	Zinc	1.9	I
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

PENSACOLA, SITE 41
PENSACOLA, SITE 41 RESAMPLING
Wetland 19A 2004 Surface Water Data

TOT METAL

SAMPLE ID ------->	041-W-19A1-02
ORIGINAL ID ----->	041W19A102
LAB SAMPLE ID --->	S443041*9
ID FROM REPORT -->	041W19A102
SAMPLE DATE ----->	04/08/04
DATE EXTRACTED -->	04/13/04
DATE ANALYZED --->	04/14/04
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	PEN17	VAL
7429-90-5	Aluminum	330.	
7440-36-0	Antimony	3.9	U
7440-38-2	Arsenic	3.3	U
7440-39-3	Barium	8.5	I
7440-41-7	Beryllium	0.74	I
7440-43-9	Cadmium	0.6	U
7440-70-2	Calcium	6400.	
7440-47-3	Chromium	1.4	U
7440-48-4	Cobalt	1.2	U
7440-50-8	Copper	0.6	U
7439-89-6	Iron	1000.	
7439-92-1	Lead	1.9	U
7439-95-4	Magnesium	1100.	
7439-96-5	Manganese	18.	
7440-02-0	Nickel	1.5	U
7440-09-7	Potassium	780.	I
7782-49-2	Selenium	5.3	U
7440-22-4	Silver	1.1	U
7440-23-5	Sodium	5800.	
7440-28-0	Thallium	7.6	U
7440-62-2	Vanadium	3.	I
7440-66-6	Zinc	1.6	I
7439-97-6	Mercury	0.078	U

*** Validation Complete ***

Appendix E

Barry Vittor Methods Report

TAI Environmental Sciences Inc.
Standard Operating Procedures
TAXONOMY

1.0 GENERAL METHODOLOGY

1.1 PLANKTON. TAI conducts analyses for various plankton components including Phytoplankton, Zooplankton, Ichthyoplankton and Chlorophyll according to the methods outlined in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10200, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

1.2 PRIMARY PRODUCTION. TAI performs in situ analyses for primary production according to the methods described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10300, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

1.3 PERIPHYTON. TAI performs analyses on periphyton samples according to the methods described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10200, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

1.4.MACROPHYTON TAI performs in situ analyses of macrophytic communities according to the methods described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10400, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

1.5 MACROINVERTEBRATES. TAI performs analyses for ecological investigation of Macroinvertebrate Communities including marine, estuarine and freshwater infauna and epifauna according to the methods described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10500, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001) and 3). "Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters" ORD Washington, D.C. November 1990.

1.6 FISHES. TAI performs analyses of fishes according to the methods described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10600, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

2.1 PLANKTON SAMPLING. Plankton sampling is performed using the procedures and equipment described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10200, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001). Equipment used is included in Table 2.1.

2.2 PERIPHYTON SAMPLING. Periphyton Sampling is performed using the procedures and equipment described in 1). Standard Methods for the Examiniation of Water and Wastewater Part 10300, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

Table 2.1 Equipment Used For Field Collection of Various Biological Community Components

Method	Sample Source	Component	Equipment
SM 10200	Surface Water	Plankton	Kemmerer Sampler, Plankton Nets (Wisconsin), Plankton Trap
SM 10300	Surface Water	Periphyton	Periphyton Sampler, glass slides, Natural substrates
SM 10300	Surface Water	Primary Production	Winkler Method (D.O.)
SM 10400	Surface Water	Macrophyton	Aerial Recon, Line Intercept.
SM 10500	Sediments	Macroinfauna	PonarGrab, 0.25 m Box-core, Ekman Grab, Surber Sampler, Phleger corer Hester-Dendy Sampler, Basket Sampler, Block Sampler, Scoop Nets.
SM 10600	Surface Waters	Fishes	Otter Trawl, Beach Seine, Scoop Nets, Block Nets, Electrofishing

2.3 BENTHIC MACROINVERTEBRATE SAMPLING. In general, sampling for macroinvertebrates is performed using the procedures and equipment described in 1). Standard Methods for the Examination of Water and Wastewater Part 10500, 17th Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

2.3.1 Field collection of marine, estuarine and freshwater benthic macroinvertebrate samples can utilize a variety of sampling gear. TAI personnel have experience with many types, the most common being Boxcore, Eckman, Petersen, Ponar and Petite ponar grabs, and with Hester-Dendy and other artificial substrate samplers. Bottom sediment type, collection depth and a variety of other factors, including client specifications, will effect the choice of sampling gear.

2.3.2 Upon collection, grab samples may be horizontally or vertically sectioned and/or measured volumetrically depending on contract requirements. Collected samples are sieved using standard 500 micron sieve buckets and relaxed using a solution of magnesium sulfate, 2% buffered formalin and seawater, or they are placed on ice. Relaxed samples, and those placed on ice, are preserved with a 10% buffered formalin - rose bengal solution after several hours chilling time. The latter process has proven to be very reliable and is the method of choice. Samples are then returned to the laboratory for processing.

2.3.3 Hester-Dendy samplers are composed of 0.3 cm-thick tempered hard board with 7.6 cm round plates and 2.5 cm round spacers. The plates are separated by an increasing number of spacers along a 10 in stainless steel eyebolt. This results in the plates being spaced at increasingly greater intervals. A total of 14 large plates and 24 spacers are used in each sampler.

2.3.4 The Hester-Dendy, or other artificial substrate, is deployed in the euphotic zone of the water column. The samplers are attached by 1/8 to 1/4 inch cord to a depth of approximately 0.3 m and suspended from a float. This assures uniformity of sample depth. Samplers are normally allowed 3 weeks for colonization, but this may be extended if conditions require.

2.3.5 This general procedure may be modified to fit specific conditions of the sampling area, study design or client requirements. Regardless of technique, uniform procedures are used. Before removal from the water, samplers are enclosed in an oversized plastic bag to prevent loss of organisms. These samples are then relaxed before returning to the laboratory.

2.5 Fishes. Fish populations are sampled using the methodologies described in the following manuals: 1). Standard Methods for the Examiniation of Water and Wastewater Part 10500, 17th

Edition APHA 1989. and 2). Biological Field and Laboratory Methods for Measuring the Quality of Surface Waters and Effluents. (EPA-670/4-73-001).

3.1 BENTHIC MICROINVERTEBRATE SAMPLE CUSTODY / TRACKING

3.1. Field Sampling Operations

Immediately following collection, samples are placed in pre-labeled (numbered) containers to ensure all field samples are collected, or at least attempted. Additional labels of heavy 100% rag paper are placed inside all biological samples in order to be able to identify the sample in the event the outer label is accidently removed or obliterated. A variety of field sheets are prepared to track the samples from the collection point to the laboratory and record field measurements, observations, and collection notes.

All samples collected are accompanied by chain-of-custody documents. The chain-of-custody forms identify all aspects of the transfer (collector, time of transfer, recipient, etc.) and are completed on a real-time basis.

3.2. Laboratory Operations

Upon receipt of the biological samples at the laboratory, chain-of-custody forms are completed and the samples are inventoried. One copy of the inventory is used in the sorting phase and another for the identification/enumeration phase.

In the sorting phase, the sorting technician removes the sample from the storage shelf and signs that sample out in the sample log book and records the date and time of removal. Upon sorting completion, the sorter puts the sample on the appropriate shelf and signs the sorted sample back in. The same procedure is utilized during the identification/enumeration phase. The taxonomist signs the sample out, using the Invoice of Specimen sheet , processes the sample, and signs the sample in upon completion. The completed samples and the residual materials are stored for QC checks and subsequent final verification and curation.

4.0 TAXONOMIC PROCEDURES

4.1 Sample Sorting

4.1.1 Initial removal of organisms from sediment and debris and separation into major phylogenetic categories are performed by experienced laboratory personnel Samples undergoing processing are routinely checked by an assigned QAQC referee and/or the Taxonomy Task Manager. QAQC checks occur on no less than 10% of the samples processed.

4.1.2 Removal of organisms from Hester-Dendy, or similar type, artificial substrate samplers is accomplished by dismantling the sampler in a tray filled 2cm deep with a 40% isopropyl alcohol solution. Plates and spacers are then brushed and carefully scraped into the tray. The sample is then sieved through a 0.5 mm mesh screen. This method has proven to be very effective in preventing excessive fragmentation or mutilation of organisms.

4.1.3 Sorting of the organisms is accomplished by pouring just enough sample into the sorting tray to cover the bottom and scanning with a magnification lamp. All organisms, previously stained bright red, are removed with fine tipped forceps or pipette and placed in shell vials containing a 40% isopropyl alcohol solution. Shell vials are arranged in racks marked with the appropriate phylogenetic category to prevent errors. Stereo and compound microscopes are readily available for verification of any questionable objects or samples.

4.1.4 Typical phylogenetic categories for saltwater samples may consist of Polychaeta, Crustacea, Mollusca, echinodermata, Rhynchocoela, Turbellaria and Miscellaneous. This will vary depending on sample diversity.

4.2 Sample Analysis

4..2.1 All identifications are done by experienced taxonomists and checked by our QAQC program. QAQC checks, including secondary identifications and/or comparison of samples to the voucher collection, occur on no less than 10%, randomly chosen, of the samples processed. All identifications and enumerations are recorded on standardized sheets for consistency and ease of data entry.

4..2.2 TAI's taxonomic team includes in-house and associate taxonomists. TAI maintains in-house expertise in chironomid, polychaete, mollusc, oligochaete, ichthyoplankton, zooplankton, finfishes and local crustacean and echinoderm identifications. Associate taxonomists are used to complement our in-house expertise by providing specialized identifications and performing secondary identifications as part of our QAQC program.

4.2.3 TAI maintains an extensive voucher collection of freshwater, estuarine and marine flora and fauna against which identified specimens are verified. The voucher collection is continuously upgraded with new specimens and a computer data file for easier location and quicker verifications. This will also be a continuously expanding project.

4.2.4 Following final verification, all samples are curated for a minimum three year period from the ending date of the corresponding contract. This allows for later verification or further data analysis.

4.2.5 Curation for long term storage is accomplished by placing each sample in a shell vial with a permanent label, and storage in air-tight, labelled containers filled with 40% isopropyl alcohol solution. Samples are stored in the TAI warehouse until the end of the curation period. These samples are then incorporated into the voucher collection or discarded.

4.2.6 TAI is experienced in wet weight, dry weight and ash weight biomassing. These procedures are performed as per Standard Methods 18 ed. Weighing is performed on a Mettler AE 163 dual beam balance with 0-31g and 0-162g ranges, touch control tare setting, automatic calibration adjustable time integration and a linearity of 0.02 mg and 0.1 mg on the respective ranges. Calibration is performed before each set of biomassing measurements, and after each subsequent 100 measurements. This insures accuracy and consistency.

4..2.7 Size class separations utilize a series of stackable sieves constructed of PVC and nylon plankton netting of 6500, 3500, 2000, 1000, 900, 650, 500 and 250 micron mesh sizes. Other mesh sizes are available upon request. Organisms are gently washed through the screens with a steady flow of water to prevent excess fragmentation or mutilation. Upon completion, each subsample is recorded in the Daily Taxonomy Log.

Table 4.1. Major Taxonomic References

polychaetes	Fauchald, 1977 Uebelacker and Johnson, 1984
oligochates	Brinkhurst, 1986 Hiltunen and Klemm, 1980
freshwater invertebrates	Pennak, 1953 Edmondson, 1959
estuarine/marine invertebrates	Gosner, 1971 Heard, 1982
freshwater algae	Smith, 1950

5.0 TAXONOMIC QA/QC

5.1.1 QA/QC checks occur on no less than 10% of the samples processed. For sorting tasks, at least 10% of all sorted samples are checked for completeness. Completeness checks are accomplished by resorting the residual material from a sample by a different technician. If the animals removed from the residual material total 5% or more of the total number of animals in the sample, this constitutes a QC failure, and all samples sorted by that technician shall be resorted back until the time of the last acceptable QC check.

5.1.2 For identification tasks, at least 10% of all identified samples are checked for identification and enumeration accuracy. Taxonomic checks are performed by the reidentification of the selected samples by a different taxonomist. A discrepancy of 5% or more constitutes a QC failure and all samples performed by the taxonomist on that project are reworked. Identification QC failures seldom occur as a result of the close working relationship that exists between TAI taxonomists. A voucher collection is prepared for each new project. As each species is encountered for the first time, all taxonomists inspect the specimen and become familiar with the key characters and voucher and consistency cards are prepared for that species. Therefore, any identification errors are corrected when the voucher collection is verified by outside expert taxonomists.

5.1.3 Data entry is facilitated by the use of standardized sheets for recording identification, enumeration and biomass of each sample. A visual check of all data is performed by an experienced referee or by the Taxonomy Task Manager to assure completeness and accuracy of the data.

6.0 TAXONOMY DATA REDUCTION AND REPORTING

6.1 Data Reduction, Analysis and Reporting

6.1.1 Data reduction begins after all raw data has been checked for completeness and accuracy. Preliminary statistical reports of the data are utilized (both tabular and graphical methods) to check the data for completeness, and to screen out questionable information. Simple descriptive statistics (Means, Range, Standard Deviation) of data is performed with the Symphony (T.M.) software system.

6.1.2 TAI can produce a number of analyses that present benthic invertebrate data by trophic type, abundance, ranked in order of abundance, diversity and cluster analysis. These, or additional analyses, are included as per client needs.

6..1.3 Diversity (Shannon-Wiener index) and evenness indices are calculated utilizing the machine methods described in the EPA 670/4-73-001, Biological Methods Manual (Weber, 1973). Log to base 2 is utilized unless otherwise requested by the client.

6.1.4 A cluster analysis package which runs on the IBM-PC has been developed by TAI. It is capable of analysis using a 150 x 150 species/station matrix and provides up to 12 similarity indices. The program has provisions for various standardizations, transformations and for both normal (Q) and inverse (r) mode analyses. Generally, the Bray-Curtis and/or Morisita indices are used for routine benthic analyses.

6.1.5 Additionally, TAI has experience in preparing customized symphony and Lotus 1-2-3 worksheets for biological data for governmental clients and private consulting organizations. We are thoroughly familiar with developing macros for the Lotus System to perform the data summaries and preparing specialized statistics such as diversity and similarity, indices, and for outputting data for further statistical analysis.

6.2 Data Validation

6.2.1 TAI uses a comprehensive QAQC program to assure accuracy and completeness of processing, identifications, data analysis and reporting, as per DEP-SOP (DER-QA-001/92, 30 September 1992 Section 10.3). Aspects of this plan have been mentioned throughout the manual.

6.2.2 The major elements of this plan are presented diagrammatically in Figure and include corporate experience, taxonomy task manager, experienced taxonomists, voucher collection, referee taxonomists, frequent data audits, sample tracking sheets, daily log sheets, standardized forms, and sample curation.

6.2.3 Data Storage

6.2.3.1 Copies of all forms, notes and reports are maintained on file for a minimum 3 year period from the ending date of the corresponding contract.

7.0 TAXONOMY CORRECTIVE ACTION

7.1 Taxonomic corrective action (as stated earlier in Section 5.3) may occur at the sorting level and/or the identification/enumeration level. During the sorting phase, the residual material is retained and at least 10% of these are reexamined for completeness. If the animals removed from the residual material total 5% of more of the total number of animals in the sample, this constitutes a QC failure, and all samples sorted by that technician shall be resorted back until the time of the last acceptable QC check.

7.2 For identification tasks, at least 10% of all completed samples are checked for accuracy by a reference taxonomist. A discrepancy of 2% or more constitutes a QC failure and all samples analyzed by that taxonomist on that project are reworked. This corresponds to the acceptance criteria according to Section 11, Table11.1 in DEP-SOP (DER-QA-001/92, 30 September 1992).

TAI Environmental Sciences Inc.
Ecology - Experience

PROJECT EXPERIENCE

BENTHIC MACROINFAUNA TAXONOMY

Benthic Invertebrate Identification and Enumeration, White River, and adjacent Streams, Indianapolis, Indiana. USGS. (1994-1997) *ongoing*

Macroinvertebrate Identification and Enumeration, Streams near Macon, Georgia. (1995-2000) *ongoing*

Macroinfauna, fishes and *auf wuchs* community near Wando River, South Carolina. Industrial Client (1997).

Macroinvertebrate and Fish Study, Industrial Facility near Greenville, South Carolina. RMT Engineers. (1996)

Ecological Survey for RI/FS study, Chanute AFB, Illinois. Included Macroinvertebrate, dip net, fish and phytoplankton studies, including RBPIII assessment. Parson's Engineeering Sciences. (1995)

Macroinvertebrate, Fish and Periphyton Sampling, Including EPA RBPIII assessments of streams and lakes around Petroleum Refinery, Houston, Texas. Parson's Engineering Sciences (1995)

Macroinvertebrate Identification, Proposed Industrial Site, Argentina. Parson's Engineering Sciences. (1995)

Macroinvertebrate Sampling, Dip Net and RBPIII Assessment. Amoco Refinery Site, Near Norco, Louisiana. Montgomery-Watson Engineers (1991-1992)

Benthic Invertebrate Characterization. Lake Maggiore, St. Petersberg, Florida. CH2M Hill (1990-91).

Baseline characterization of the macroinvertebrate community for assessing the effects of thin-layer dredge disposal on an estuarine environment. Fowl River, Alabama. (1986-88).

Baseline pre-disposal characterization of the benthic invertebrate community of several ocean disposal sites. Charlotte Harbor, Fort Pierce and Miami, Florida. (1986-89).

Benthic characterization for evaluation of potential impacts resulting from construction, development and initial operation of Navy homeports in the Gulf of Mexico. Pensacola Bay, Florida. (1986).

Characterization of benthic communities within natural and man-made embayments in Charlotte Harbor, Florida. (1986).

Characterization of the benthic community collected by core sampling in the Waccamaw River floodplain, South Carolina. (1986).

Identification and analysis of benthic invertebrates collected in estuarine and salt marsh areas of the Northern Gulf of Mexico. (1989).

Identification and characterization of benthic invertebrates collected on artificial substrates. Key West, Florida. (1986).

Characterization of the benthic community, both pre-and post-discharge, in a freshwater wetlands area. Pasco County, Florida. (1985-Present).

Identification and analysis of the benthic invertebrates of St. John's Harbor, Florida. (1985-Present).

Identification of a freshwater benthic community from Pottsburg Creek, Florida. (1982-1992)

Baseline characterization and monitoring of the benthic fauna of Mobile Bay, Alabama. (1980-1982).

Analysis of benthic invertebrates collected from the Wando River, South Carolina. (1981-82; 1989-90).

Benthic survey of MOEPSI dumpsite tract. Coastal Alabama. (1981).

Bioassays and toxicity testing of benthic invertebrates collected at numerous sites along the South Atlantic and Gulf coasts. (1978-1990).

Analysis of benthic invertebrate samples collected on BLM- MAFLA cruises. Eastern Gulf of Mexico. (1979-1980).

Baseline characterization of the benthic invertebrate community of an EPA designated ocean disposal site. Wilmington Harbor, North Carolina. (1979).

Characterization of the benthic community and assessment of impacts resulting from construction, development, and initial operation. Naval Submarine Support Base, Kings Bay, Georgia. (1978-1979).

Benthic characterization and evaluation of potential impacts for an EIS for power plant expansion. Crystal River, Florida. (1977-1978).

Characterization of benthic invertebrate communities in coastal Mississippi, Alabama, and Florida (MAFLA) lease areas. (1976-1978).

Analysis of benthic invertebrates in the vicinity of a pulp and paper plant. Apalachicola Bay, Florida. (1977).

Establishment of a benthic invertebrate reference collection. Eastern Gulf of Mexico. (1976-1977).

Design of baseline benthic studies for the South Atlantic OCS program. (1976).

Benthic surveys of MAFLA lease areas. Eastern Gulf of Mexico. (1975-1976).

Characterization of benthic invertebrate communities of coastal Louisiana for the Environmental Impact Statement (EIS) for the Gulf Intracoastal Waterway. (1975).

Analysis of benthic invertebrate community structure and assessment of impacts resulting from maintenance dredging. Gulfport, Mississippi. (1974).

Characterization and delineation of subtidal and intertidal invertebrate communities. Coastal North Carolina. (1970- 1974).

Survey of the epibenthic fauna of the Hudson Canyon. North Atlantic Ocean. (1973).

Analysis of benthic invertebrate samples collected from various sites in the Florida Keys. (1973).

Characterization of the benthos of a high energy beach. Coastal North Carolina. (1973).

Characterization of the benthos of a high energy beach system. Yorkshire Coast, England. (1972).

Survey of benthic invertebrates of the North Carolina outer continental shelf. (1972).

Studies on the physiology of benthic estuarine organisms. Florida. (1971-1982)

Characterization of the subtidal and intertidal benthos of Puget Sound, Washington. (1971).

Characterization of benthic communities of the Gulf of California. (1971).

Appendix F

Benthic Macroinvertebrate Diversity Results

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 16
Date: Sept. 18, 1997

TAXON	FAMILY	Species	16-03									Sum
NEMERTEA	Unid.	*LPIL*										
ECHIURIDA	Echiuridae	*LPIL*										
GASTROPODA	Hydrobiidae	*Onobops sp.*										
GASTROPODA	Littorinidae	*Littorina irrorata*										
GASTROPODA	Melampidae	*Detracia floridana*										
GASTROPODA	Melampidae	*Melampus sp.*										
GASTROPODA	Planorbidae	*LPIL*										
PELECYPODA	Corbiculidae	*Polymesoda sp.*										
PELECYPODA	Mytilidae	*Amygdalum papyrium*										
PELECYPODA	Solecurtidae	*Tagelus plebius*										
POLYCHAETAE	Ampharetidae	*Hobsonia florida*										
POLYCHAETAE	Capitellidae	*Capitella capitata*	9									9
POLYCHAETAE	Capitellidae	*Mediomastus californiensus*	15									15
POLYCHAETAE	Goniadidae	*Glycinde solitaria*										
POLYCHAETAE	Nereidae	*Neanthes sp.*										
POLYCHAETAE	Orbiniidae	*Scolopus fragilis*										
POLYCHAETAE	Paronidae	*Aricidae sp.*										
POLYCHAETAE	Pilargiidae	*Parandalia americana*										
POLYCHAETAE	Sabellidae	*Chone cf. americana*										
POLYCHAETAE	Spionidae	*Polydora sp.*	1									1
POLYCHAETAE	Spionidae	*Streblospio benedicti*	12									12
CLADOCERA	Unid.	*LPIL*										
ISOPODA	Anthuridae	*Cyathura polita*										
CUMACEA	Nannasticidae	*Almyracuma sp.*										
DECAPODA	Unid. larvae	*LPIL*										
COLEOPTERA	Chelonariidae	*Chelonarum sp.*										
Totals			37	0	0	0	0	0	0	0	0	37
Number of Species			5	0	0	0	0	0	0	0	0	26
Shannon-Weiner Diversity,			1.692									1.692
Pielou's Evenness, J'			1.051									0.519
Margalef's Richness, D			4.723									25.723

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 5A
Date: Sept. 18, 1997

TAXON	FAMILY	Species	5A-04	5A-05	5A-06							Sum
NEMATODA	Unid.	*LPIL*	2	4								6
OLIGOCHAETA	Tubificidae	*Tubifex tubifex*	8									8
OLIGOCHAETA	Tubificidae	*Limnodrilus hoffmeisteri*	1									1
OLIGOCHAETA	Tubificidae	*Limnodrilus sp. (LPIL)*	25		1							26
OLIGOCHAETA	Lumbricidae	*Eiseniella sp.*		5	6							11
ODONATA	Libellulidae	*Sympetrum sp.*		1								
NEUROPTERA	Sialidae	*Sialis sp.*										
COLEOPTERA	Dytiscidae	*Bidessus sp.*										
DIPTERA	Ceratopogonidae	*Bezzia/Probezzia complex*	1		2							3
DIPTERA	Tendipedidae	*Conchepelopia sp.*	1	5								6
DIPTERA	Tendipedidae	*Cryptochironomous sp.*		5								5
DIPTERA	Tendipedidae	*Chironomous sp.*			8							8
DIPTERA	Tendipedidae	*Dycrotendipes sp. (LPIL)*	11		2							13
DIPTERA	Tendipedidae	*Glyptotendipes sp. (LPIL)*		7								7
DIPTERA	Tendipedidae	*Glyptotendipes sp. B*		5								5
DIPTERA	Tendipedidae	*Polypedilum fallax gp.*		3	1							4
DIPTERA	Tendipedidae	*Tanypus neopunctipennis*	2	4	3							9
DIPTERA	Tendipedidae	*Tanypus sp.*										
DIPTERA	Tendipedidae	*Tanytarsus sp.*	3	10								13
GASTROPODA	Physidae	*Physa sp.*										
PELECYPODA	Sphaeriidae	*Sphaerium sp.*										
PELECYPODA	Unid. juvenile	*LPIL*	12									12
COPEPODA	Unidentified	*LPIL*										
ARACHNIDA	Unidentified spider	*LPIL*										
Totals			66	49	23	0	0	0	0	0	0	137
Number of Species			10	10	7	0	0	0	0	0	0	24
Shannon-Weiner Diversity			2.560	3.164	2.425							3.721
Pielou's Evenness, J'			1.112	1.374	1.246							1.171
Margalef's Richness, D			9.761	9.743	6.681							23.797

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 18
Date: Sept. 18, 1997

TAXON	FAMILY	Species	18-B1									Sum
NEMATODA	Unid.	*LPIL*	4									4
NEMERTEA	Unid.	*LPIL*	4									4
ECHIURIDA	Echiuridae	*LPIL*										
GASTROPODA	Hydrobiidae	*Onobops sp.*										
GASTROPODA	Littorinidae	*Littorina irrorata*										
GASTROPODA	Melampidae	*Detracia floridana*										
GASTROPODA	Melampidae	*Melampus sp.*										
GASTROPODA	Planorbidae	*LPIL*										
PELECYPODA	Corbiculidae	*Polymesoda sp.*	1									1
PELECYPODA	Mytilidae	*Amygdalum papyrium*										
PELECYPODA	Solecurtidae	*Tagelus plebius*										
POLYCHAETAE	Ampharetidae	*Hobsonia florida*										
POLYCHAETAE	Capitellidae	*Capitella capitata*	22									22
POLYCHAETAE	Capitellidae	*Mediomastus californiensus*										
POLYCHAETAE	Goniadidae	*Glycinde solitaria*										
POLYCHAETAE	Nereidae	*Neanthes sp.*										
POLYCHAETAE	Nereidae	*Nereis succinea*	7									7
POLYCHAETAE	Orbiniidae	*Scolopus fragilis*	1									1
POLYCHAETAE	Paronidae	*Aricidae sp.*										
POLYCHAETAE	Pilargiidae	*Parandalia americana*	2									2
POLYCHAETAE	Sabellidae	*Chone cf. americana*										
POLYCHAETAE	Spionidae	*Polydora sp.*										
POLYCHAETAE	Spionidae	*Streblospio benedicti*										
OLIGOCHAETA	Tubificidae	*Limnodrilus sp. (LPIL)*	2									2
OLIGOCHAETA	Lumbriculidae	*Lumbriculus sp.*	2									2
CLADOCERA	Unid.	*LPIL*										
ISOPODA	Anthuridae	*Cyathura polita*										
ISOPODA	Parantanaidae	*Hargeria rapax*	1									1
CUMACEA	Nannasticidae	*Almyracuma sp.*										
DECAPODA	Unid. larvae	*LPIL*										
COLEOPTERA	Chelonariidae	*Chelonarum sp.*										
DIPTERA	Tendipedidae	*Tanytarsus sp.*	1									1
Totals			43	0	0	0	0	0	0	0	0	43
Number of Species			10	0	0	0	0	0	0	0	0	31
Shannon-Weiner Diversity			2.362									2.362
Pielou's Evenness, J'			1.026									0.688
Margalef's Richness, D			9.734									30.734

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 03
Date: Sept. 18, 1997

TAXON	FAMILY	Species	03-02	03-07								Sum
OLIGOCHAETA	Tubificidae	Tubifex tubifex	5	1								6
NEUROPTERA	Sialidae	Sialis sp.	1									1
COLEOPTERA	Dytiscidae	Bidessus sp.	1									1
DIPTERA	Unidentified adult	LPIL		1								1
DIPTERA	Tendipedidae	Chironomus sp.	15									15
DIPTERA	Tendipedidae	Dicrotendipes neomodestus	4									4
DIPTERA	Tendipedidae	Clinotanypus sp.		1								1
DIPTERA	Ceratopogonidae	Culicoides sp.	7									7
GASTROPODA	Physidae	Physa sp.	1									1
PELECYPODA	Sphaeriidae	Sphaerium sp.	35	2								37
COPEPODA	Unidentified	LPIL	1									1
ARACHNIDA	Unidentified spider	LPIL	1									1
Totals			71	5	0	0	0	0	0	0	0	76
Number of Species			10	4	0	0	0	0	0	0	0	12
Shannon-Weiner Diversity			2.243	1.921								2.373
Pielou's Evenness, J'			0.974	1.386								0.955
Margalef's Richness, D			9.765	3.379								11.769

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 64
Date: Sept. 18, 1997

TAXON	FAMILY	Species	64-04	64-05	64-06							Sum
NEMATODA	Unid.	*LPIL*	3	2	9							14
NEMERTEA	Unid.	*LPIL*		3								3
ECHIURIDA	Echiuridae	*LPIL*										
GASTROPODA	Hydrobiidae	*Onobops sp.*										
GASTROPODA	Littorinidae	*Littorina irrorata*	1									1
GASTROPODA	Melampidae	*Detracia floridana*										
GASTROPODA	Melampidae	*Melampus sp.*										
GASTROPODA	Neritidae	*Neritina usnea*	32		16							48
GASTROPODA	Planorbidae	*LPIL*										
PELECYPODA	Corbiculidae	*Polymesoda sp.*	2									2
PELECYPODA	Mytilidae	*Amygdalum papyrium*		1	3							4
PELECYPODA	Solecurtidae	*Tagelus plebius*										
PELECYPODA	Unid. Juvenile	*LPIL*		1								1
POLYCHAETAE	Ampharetidae	*Hobsonia florida*	3	1	9							13
POLYCHAETAE	Capitellidae	*Capitella capitata*		11	15							26
POLYCHAETAE	Capitellidae	*Mediomastus californiensus*	7	7								14
POLYCHAETAE	Capitellidae	*Notomastus sp.*		1								1
POLYCHAETAE	Goniadidae	*Glycinde solitaria*										
POLYCHAETAE	Nereidae	*Neanthes sp.*										
POLYCHAETAE	Nereidae	*Nereis succinea*	12	6	12							30
POLYCHAETAE	Orbiniidae	*Scolopus fragilis*										
POLYCHAETAE	Paronidae	*Aricidae sp.*										
POLYCHAETAE	Pilargiidae	*Parandalia americana*		2								2
POLYCHAETAE	Sabellidae	*Chone cf. americana*										
POLYCHAETAE	Spionidae	*Polydora sp.*										
POLYCHAETAE	Spionidae	*Streblospio benedicti*	3	12	50							65
CLADOCERA	Unid.	*LPIL*										
COPEPODA	Unid.	*LPIL*	1		2							3
ISOPODA	Anthuridae	*Cyathura polita*										
ISOPODA	Valvifera	*Chiridotea sp.*		3	3							6
TANAIDACEA	Paratanaidae	*Hargeria rapax*	1									1
CUMACEA	Nannasticidae	*Almyracuma sp.*		12	2							14
DECAPODA	Xanthidae	*Panopeus sp.*		1								1
DECAPODA	Portunidae	*Callinectes sapidus*	1									1
DECAPODA	Unid. larvae	*LPIL*		1								1
COLEOPTERA	Chelonariidae	*Chelonarum sp.*										
Totals			66	64	121	0	0	0	0	0	0	251
Number of Species			11	15	10	0	0	0	0	0	0	36
Shannon-Weiner Diversity			2.424	3.300	2.635							3.294
Pielou's Evenness, J'			1.011	1.219	1.144							0.919
Margalef's Richness, D			10.761	14.760	9.791							35.819

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 75
Date: Sept. 18, 1997

TAXON	FAMILY	Species	75-01									Sum
OLIGOCHAETA	Naidae	*Nais behningi*	1									1
OLIGOCHAETA	Tubificidae	*Tubifex tubifex*	2									2
OLIGOCHAETA	Lumbricidae	*Lumbriculus sp.*	1									1
CLADOCERA	Unid.	*LPIL*	1									1
NEUROPTERA	Sialidae	*Sialis sp.*										
COLEOPTERA	Dytiscidae	*Bidessus sp.*										
DIPTERA	Unidentified adult	*LPIL*										
DIPTERA	Culicidae	*Chaoborus sp.*	2									2
DIPTERA	Tendipedidae	*Chironomus sp.*										
DIPTERA	Tendipedidae	*Dicrotendipes neomodestus*										
DIPTERA	Tendipedidae	*Clinotanypus sp.*										
DIPTERA	Tendipedidae	*Phaenopsectra sp.*	1									1
DIPTERA	Ceratopogonidae	*Culicoides sp.*										
GASTROPODA	Physidae	*Physa sp.*										
PELECYPODA	Sphaeriidae	*Sphaerium sp.*										
COPEPODA	Unidentified	*LPIL*										
ARACHNIDA	Unidentified spider	*LPIL*										
Totals			8	0	0	0	0	0	0	0	0	8
Number of Species			6	0	0	0	0	0	0	0	0	17
Shannon-Weiner Diversity			2.499									2.499
Pielou's Evenness, J'			1.395									0.882
Margalef's Richness, D			5.519									16.519

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 40
Date: Sept. 18, 1997

TAXON	FAMILY	Species	40-01	40-02	40-03	40-04	40-05	40-06	40-07	40-09	40-10	Sum
NEMERTEA	Unid.	*LP/L*		1	4		8	1	4	1		19
ECHIURIDA	Echiuridae	*LP/L*							1			1
GASTROPODA	Hydrobiidae	*Onobops sp.*	1									1
GASTROPODA	Littorinidae	*Littorina irrorata*									4	4
GASTROPODA	Melampidae	*Detracia floridana*							1			1
GASTROPODA	Melampidae	*Melampus sp.*			1						1	2
GASTROPODA	Planorbidae	*LP/L*				1						1
PELECYPODA	Corbiculidae	*Polymesoda sp.*	2			200			12	41		255
PELECYPODA	Mytilidae	*Amygdalum papyrium*		3	2			1				6
PELECYPODA	Solecurtidae	*Tagelus plebius*								1		1
POLYCHAETAE	Ampharetidae	*Hobsonia florida*	2									2
POLYCHAETAE	Capitellidae	*Capitella capitata*	1	34	2	2	69	5				113
POLYCHAETAE	Capitellidae	*Mediomastus californiensus*		5	4		54		3		1	67
POLYCHAETAE	Goniadidae	*Glycinde solitaria*							1			1
POLYCHAETAE	Nereidae	*Neanthes sp.*		3	3		2					8
POLYCHAETAE	Orbiniidae	*Scolopus fragilis*			5	5	2					12
POLYCHAETAE	Paronidae	*Aricidae sp.*								7		7
POLYCHAETAE	Pilargiidae	*Parandalia americana*				1						1
POLYCHAETAE	Sabellidae	*Chone cf. americana*				1						1
POLYCHAETAE	Spionidae	*Paraprionospio pinnata*		1								1
POLYCHAETAE	Spionidae	*Polydora sp.*										
POLYCHAETAE	Spionidae	*Streblospio benedicti*		10	2		73	10	29		26	150
CLADOCEA	Unid.	*LP/L*					2					2
ISOPODA	Anthuridae	*Cyathura polita*	1			1						2
CUMACEA	Nannasticidae	*Almyracuma sp.*						1				1
DECAPODA	Unid. larvae	*LP/L*				1						1
COLEOPTERA	Chelonariidae	*Chelonarum sp.*	1									1
Totals			8	57	23	212	210	18	51	50	32	661
Number of Species			6	7	8	8	7	5	7	4	4	28
Shannon-Weiner Diversity			2.499	1.845	2.855	0.452	1.933	1.679	4.793	0.858	0.931	2.770
Pielou's Evenness, J'			1.395	0.948	1.373	0.218	0.993	1.043	2.463	0.619	0.671	0.831
Margalef's Richness, D			5.519	6.753	7.681	7.813	6.813	4.654	6.746	3.744	3.711	27.846
MacArthur's Equitability			*	*	*	0.188	0.714	*	*	*	*	0.339

TAI Environmental Sciences Inc.

Client : ENSAFE
Location: Station 33
Date: Sept. 18, 1997

TAXON	FAMILY	Species	33-01									Sum
NEMERTEA	Unid.	*LPIL*										
ECHIURIDA	Echiuridae	*LPIL*										
GASTROPODA	Hydrobiidae	*Onobops sp.*	1									1
GASTROPODA	Littorinidae	*Littorina irrorata*	8									8
GASTROPODA	Melampidae	*Detracia floridana*	9									9
GASTROPODA	Melampidae	*Melampus sp.*	6									6
GASTROPODA	Potamidae	*Cerithidea sp.*	1									
GASTROPODA	Planorbidae	*LPIL*										
PELECYPODA	Corbiculidae	*Polymesoda sp.*	2									2
PELECYPODA	Mytilidae	*Amygdalum papyrium*										
PELECYPODA	Solecurtidae	*Tagelus plebius*										
POLYCHAETAE	Ampharetidae	*Hobsonia florida*										
POLYCHAETAE	Capitellidae	*Capitella capitata*										
POLYCHAETAE	Capitellidae	*Mediomastus californiensus*										
POLYCHAETAE	Goniadidae	*Glycinde solitaria*										
POLYCHAETAE	Nereidae	*Neanthes sp.*										
POLYCHAETAE	Orbiniidae	*Scolopus fragilis*										
POLYCHAETAE	Paronidae	*Aricidae sp.*										
POLYCHAETAE	Pilargiidae	*Parandalia americana*										
POLYCHAETAE	Sabellidae	*Chone cf. americana*										
POLYCHAETAE	Spionidae	*Paraprionospio pinnata*										
POLYCHAETAE	Spionidae	*Polydora sp.*										
POLYCHAETAE	Spionidae	*Streblospio benedicti*	16									16
CLADOCEA	Unid.	*LPIL*										
ISOPODA	Anthuridae	*Cyathura polita*										
CUMACEA	Nannasticidae	*Almyracuma sp.*	1									1
DECAPODA	Unid. larvae	*LPIL*										
COLEOPTERA	Chelonariidae	*Chelonarum sp.*										
Totals			44	0	0	0	0	0	0	0	0	43
Number of Species			8	0	0	0	0	0	0	0	0	30
Shannon-Weiner Diversity			5.459									5.426
Pielou's Evenness, J'			2.625									1.595
Margalef's Richness, D			7.736									29.734

Appendix G

Toxicity Test Methods and Results

Sediment Toxicity Testing
at Site 41, NAS, Pensacola, Florida

Submitted to:

David Trimm/EnSafe
2114 Airport Boulevard
Suite 1150
Pensacola, FL 32504

Submitted by:

TRAC Laboratories, Inc.
14 S. 2nd Street
Pensacola, Florida 32507
(850) 456-5836

Florida Department of Health and Rehabilitative Services
Certification Number E81181

Project Number: 119-1817-1821,
1823-1828, 1830-1836

October 1997

Toxicity Test Summary Sheet

Client:	EnSafe
Project Number:	119-1817-1821, 1823-1828, 1830-1836
Study Directors:	Jeri Brecken-Folse
Test Material:	Surface water and sediment from Site 41
Date Materials Received:	26 August through 4 September 1997
Dates of Tests:	1 September through 21 October 1997
Test Conditions:	Chronic static screens
Test Animals:	*Pimephales promelas* (Lot# PP-97-18), *Chironomus tentans* (Lot# CT-97-02, 03, 04), *Leptocheirus plumulosus* (Lot# LP-97-01/02), *Neanthes arenaceodentata* (Lot# NA-97-02).
Source:	Test organisms were supplied by commercial suppliers.
Control and Dilution Water:	Moderately hard reconstituted freshwater (RCF), U.S. EPA 1993, or natural seawater.
Exposure Concentration:	One hundred percent surface water or sediment
Effect Criteria:	Survival, growth and emergence
Chronic Effects:	*P. promelas*: Growth effects were detected. *C. tentans*: Growth effects were detected. *L. plumulosus:* Survival effects were detected. *N. arenaceodentata*: Effects were not detected

INTRODUCTION

Samples of surface water and sediments were collected by EnSafe personnel on 26 August through 4 September 1997 from Site 41, Pensacola Naval Air Station, Florida. Fathead minnows, *Pimephales promelas*, were exposed to five surface water samples to determine the chronic effects of survival and growth. Midge larvae, *Chironomus tentans*, were exposed to six sediment samples to determine the chronic effects of survival, growth and emergence. The amphipod, *Leptocheirus plumulosus*, and the marine polychaetae, *Neanthes arenaceodentata*, were exposed to seven sediment samples to determine the chronic effects of survival and growth. Tests were conducted from 1 September through 21 October 1997. All original raw data are archived at TRAC, but copies are provided as Appendix A.

MATERIALS AND METHODS

Test Material

Five surface water samples were collected by EnSafe personnel and delivered to TRAC on 26 August 1997, in filled 9.5 L cubitainers at 26.0 - 30.9°C. Surface water stations 7501, 5A04, 5A05, 5A06 and 0301 were assigned TRAC sample numbers 1821, 1817, 1818, 1819, and 1820, respectively.

Sediment samples from six stations were collected and delivered to TRAC on 28 August 1997. Each sample filled two 0.2 L plastic containers and arrived at temperatures between 27.0 and 29.0°C. Sediment stations 7501, 5A04, 5A05, 5A06, 302, and 307 were assigned TRAC sample numbers 1828, 1823, 1824, 1925, 1826 and 1827, respectively.

Sediment samples collected from stations 3301 and 3302 were collected and delivered 27 August 1997, and assigned samples numbers 1835 and 1836, respectively. Stations 6406 (1832) and 18B1 (1833) were collected and delivered 29 August 1997; 6404 (1830), 6405 (1831) and 1603 (1834) were collected and delivered 4 September 1997. The seven stations arrived at temperatures between 29.0 and 35.2°C in filled 3.8 L plastic containers.

Interstitial salinity and whether samples needed to be press sieved was noted on chain of custody (Appendix A). All samples were logged into the "Test Material Log," refrigerated and held at 4°C until test initiation.

Control Water

Overlying water was moderately hard RCF at a $CaCO_3$ hardness of 120 mg/L for the *P. promelas* and *C. tentans* tests. Control water was natural seawater collected from the Gulf of Mexico diluted with dechlorinated freshwater to 20 ppt salinity for *L. plumulosus* tests and 28 ppt for *N. arenaceodentata* tests.

Control Sediment

Control sediment for *Chironomus tentans* tests (F18) was formulated by combining commercial grade top soil with deionized water. Grain size characteristics were determined to be

20% sand and 80% silt and clay. Control sediment for marine species, *L. plumulosus* and *N. arenaceodentata*, was collected from Perdido Bay, Florida. This sediment is referred to as C17 in the data and was 2% sand and 98% silt and clay. Physical characteristics data are in Appendix A.

Test Organisms

P. promelas (Lot# PP-97-18) were delivered by overnight courier from a commercial supplier. Animals were less than 24 hours old upon arrival and test initiation. Reference toxicant tests are routinely conducted for *P. promelas* at TRAC. Reference toxicant data and control charts are in Appendix B.

C. tentans (Lot# CT-97-02/03/04) were also delivered by overnight courier from a commercial supplier. Batches were 11 and 12 days old upon test initiation. Average initial weight of midge larvae was 0.20 mg. The culturing laboratory supplied reference toxicant data for May, June and July conducted on this population of *C. tentans*. LC 50 data are in Appendix B.

L. plumulosus (Lot# LP-97-01/02) were delivered by overnight courier from a commercial supplier. The amphipods were 2-4 mm at test initiation. TRAC conducted one reference toxicant test for this species. Trimmed Spearman-Karber estimated an LC50 of 5.9 mg/L CdCl which could only be compared with one reference toxicant test cited in ASTM guidance (1.06 mg/L CdCl).

N. arenaceodentata (Lot# NA-97-02) arrived by overnight courier from a commercial supplier and were 2-3 weeks post-emergence at test initiation. The marine worms averaged 0.94 mg at test initiation. TRAC conducted one reference toxicant test for this species. The Trimmed Spearman-Karber Method estimated an LC50 of 14 mg/L CdCl which is within the range of LC50s cited by ASTM guidelines (12-22 mg/L CdCl).

Test Conditions

Tests were conducted in a temperature-controlled environmental chamber under a 16-hour light, 8-hour dark photoperiod. Dissolved oxygen, pH, temperature and salinity (for marine tests) were measured in one replicate of each sample intermittently throughout each test. Tests were conducted following the EPA and ASTM guidance cited by the contract proposal and are listed in the reference section at the end of this report. Test conditions varied for each species and are summarized in Table 1. Test endpoints and water quality measurements are recorded on raw data sheets in Appendix A.

Statistical Analysis

Statistical analyses of test data were performed using TOXSTAT, a computer program developed by the University of Wyoming.

P. promelas: survival data were entered at proportions, arc sine [square root (Y)] transformed and analyzed by Dunnett's ANOVA. Weight data were not transformed but analyzed by Dunnett's ANOVA.

C. tentans: Fischer's Exact Test was used to analyze survival data because there were 12 replicates each containing one organism. Weight data were not transformed but analyzed by

Bonferroni's T-Test because of unequal replicates (due to mortality). Emergence data for stations 5A04, 5A05 and 5A06 were arc sine transformed and analyzed by Kruskal-Wallis because assumptions were not met for Steels Many-One Rank Test or Bonferroni's Test. Emergence data for stations 7501, 0307 and 0302 did not meet the criteria for any one of the above analyses because there was not enough sample to duplicate after press sieving.

L. plumulosus: survival data were entered as proportions, arc sine transformed and analyzed by Dunnett's ANOVA.

N. arenaceodentata: weight data were not transformed but analyzed by Dunnett's ANOVA. Survival data did not require analysis.

Results

Mean percent survival, mean individual weights and percent total emergence is presented in Table 2. Raw data calculations are recorded on raw data sheets in Appendix A.

P. promelas: there were no chronic effects for survival, but weights were significantly lower than controls for minnows exposed to surface waters at stations 5A05, 5A06, 0301 and 7501.

C. tentans: there were no chronic effects for survival, but weights were significantly lower than controls for larvae exposed to sediments at stations 5A05, 7501 and 0307. There were no chronic effects for emergence when compared to the control sediment larvae which only yielded 50 and 60% (Table 2) emerged adults. Guidance suggests that the average emergence usually observed is 60%, and the control population should yield 70%. All stations performed as well as or better than the control sediments (F18). It should be noted however, that the lowest emergence occurred in stations 5A05 and 7501 (as well as control F18) which correlated with the significantly lower weights observed for *C. tentans* at these two stations.

L. plumulosus: survival for Stations 6404 and 6406 was significantly lower (78% and 74%) than the control station (98%). Notes in the raw data indicate both stations had strong petroleum odors.

N. arenaceodentata: Chronic effects were not observed for survival and weight at any station.

REFERENCES

Gulley, E.D., Boelter A.M., and Burgman H. 1989. TOXSTAT Release 3.0, University of Wyoming, Laramie, Wyoming.

TRAC Laboratories, Inc. 1994. Generic Quality Assurance Plan for Laboratory Toxicity Tests of Effluent Samples, Florida Department of Environmental Regulation.

U.S. EPA. 1989. Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms (TRAC SOP 504.1, 516.1:F).

ASTM Standards on Aquatic Toxicology and Hazard Evaluation. (ASTM E-1367-92/TRAC SOP 517.1:F, ASTM E-1611-94, ASTM E-1706-95B/SOP Department of Fisheries and Wildlife, MSU, 1993).

Don Reish. Laboratory Protocol: Juveniles Polychaete Sediment Bioassay, Revised 1991.

Table 1. Summary of test conditions for 3 species.

Test Condition	*Neanthes arenaceodentata*	*Leptocheirus plumulosus*	*Pimephales promelas*	*Chironomus tentans*
Temp (°C.)	20±1	20±1	25±1	20±1[1]/23±1
Light intensity	50-100 fc	50-100 fc	50-100 fc	50-100 fc
Photo period	16L:8D	16L:8D	16:8D	16L:8D
Vessel size	1L Mason jar	1L Mason jar	0.5L	50 mL centrifuge tube/1L Mason jar
Sediment volume	0.200 L	0.200 L	n/a	7.5 g/200mL
Water volume	0.700 L	0.700 L	0.250 L	42.5 mL/700 mL
Organisms/vessels	5	20	10	1 / 10
Replicates	5	5	4	12 / 2[2]
Organisms/Conc.	25	100	40	12 / 20
Aeration	yes	yes	no	yes
Dilution water	Natural seawater	Natural seawater	Reconstituted freshwater	Reconstituted freshwater
Salinity	28 ppt	20 ppt	Mod. Hard	Mod. Hard
Duration	20 days	10 days	7 days	10 / 28 days
Size/age	2-3wk post-em 0.5-1.0 mg/dry	2-4 mm	<24 hours	2nd instar larvae/ 10-12 days
Renewal	2 times/week	no	daily	no / yes
Feeding	Tetramin	no	24 hr. artemia	Tetramin
Endoints	Survival, total and average weights	Survival	Survival, weights	10-d survival, weight, 28-d emergence

[1]Survival and weight test conditions listed before emergence test conditions.
[2]Stations 7501, 302 and 307 were press sieved for debris leaving only enough sample to set up one replicate; remaining samples had two replicates.

Summary of Bioassays Conducted (Sept. - Oct. '97) on Site 41 Surface Water and Sediments, NAS, Pensacola, FL

Pimephales promelas			*Chironomus tentans*				*Leptocheirus plumulosus*		*Neanthes arenaceodentata*		
Site	**%Survival**	**Weight (mg)**	**Site**	**%Survival**	**Weight (mg)**	**%Emerged**	**Site**	**%Survival**	**Site**	**% Survival**	**Weight (mg)**
Control	100%	0.58	F18	100%	2.6	60%	C17	99%	C17	100%	8.5
5A04	100%	0.49	5A04	100%	2.6	75%	3301	92%	3301	92%	10.7
5A05	100%	0.43*	5A05	100%	1.6*	50%	3302	96%	3302	100%	10.1
5A06	97.5%	0.46*	5A06	83%	2.8	75%	1881	100%	1881	100%	8.4
7501	90%	0.44*	F18	91%	2.7	50%	C17	98%	---	---	---
0301	97.5%	0.49	7501	83%	1.3*	50%	~~6403~~ 1603	93%	~~6403~~ 1603	100%	8.0
			0302	83%	2.9	60%	6404	78% *	6404	100%	8.0
			0307	91%	2.0*	70%	6405	96%	6405	96%	7.2
							6406	74% *	6406	88%	8.5

* = Statistical significant difference from control population.

APPENDIX A

(1)

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: EnSafe/Allen & Hoshall
ADDRESS: 5724 Summer Trees, Memphis, TN. 38134
PROJECT NAME/NUMBER: 0361 - wetlands
PROJECT MANAGER: Henry Beiro
TELEPHONE NO.: (901) 372-7962
FAX NO.: (901) 372-2454
SAMPLERS: (SIGNATURE) D. Trim

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	Lepto	Organics	Chem	REMARKS
3301	8/27	1400	Sed	1 gallon	4°C								X	X	S=10%	Press sieve NPS
3302	↓	1000	Sed	1.5 gal	↓								X	X	S=17%	2mm
0302	↓	1630	↓	2-1200ml	↓										X	NPS
0307	↓	1600	↓	2-1200ml	↓										X	NPS

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: D. Trim	8/27 1993	SIGNATURE: J. Folse	8/28	SIGNATURE:		SIGNATURE:	
PRINTED: D. Trimm	TIME	PRINTED: J. Folse	TIME	PRINTED:	TIME	PRINTED:	TIME
COMPANY: E/A&H	1807	COMPANY: TRAC	0820	COMPANY:		COMPANY:	
REASON: SHIPMENT		REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FEDEX
SHIPMENT NO.: HAND
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS: Samples arrived after lab closed, and were left in Walk in cooler w/ COC. Samples were at lab this am. when opened this morning.

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

059COCR

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT: EnSafe/Allen & Hoshall
ADDRESS: 5724 Summer Trees, Memphis, TN. 38134
PROJECT NAME/NUMBER: 036-40/41
PROJECT MANAGER: Henry Beiro
TELEPHONE NO.: (901) 372-7962
FAX. NO.: (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	Lead	Dissolved Mg	Mg	Chromium	REMARKS
40-01	8/28/97	1115	Sed	1 gal	4°C								X	X	X		5-25 NPS
05A-04		0900	Sed	2-200ml												X	NPS
05A-05		1000	Sed	2-200ml												X	NPS
05A-06		1015	Sed	2-200ml												X	NPS
75-01		1200	Sed	2-200ml												X	NPS
																	~~NPS~~

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE:	8/28	SIGNATURE	28 Aug 97	SIGNATURE		SIGNATURE	
PRINTED: D. Grimm	1997	PRINTED		PRINTED		PRINTED	
COMPANY: E/~~ASH~~	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON: SHIPMENT	1300	REASON	1600	REASON		REASON	

METHOD OF SHIPMENT: ~~FEDEX~~ Hand
SHIPMENT NO.
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

059COCR

(5)

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT EnSafe/Allen & Hoshall
ADDRESS 5724 Summer Trees
Memphis, TN. 38134
PROJECT NAME/NUMBER 036-Site 40/41

PROJECT MANAGER Henry Beiro
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	LEAD	Nitrate-Nitrogen	M.S.I.D.	REMARKS Grass Size
040-02	8-29	0900	Soil	1 gallon	4°C		1						X	X	X	20/20 ~~2mm~~ NPS
040-03		0930	Soil	1 gallon			1						X	X	X	20/20 NPS
040-04		1000	Soil	1 gallon			1						X	X	X	20/20 NPS
040-05		1100	Soil	1 gallon			1						X	X	X	22/20 NPS
040-06		1120	Soil	1 gallon			1						X	X	X	20/20 NPS
18-B1		1030	Soil	2-gallon			2						X	X		17/20 2mm

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/29	SIGNATURE	8/29	SIGNATURE		SIGNATURE	
PRINTED D. Tribble	1997	PRINTED G. Brecken		PRINTED		PRINTED	
COMPANY E/A	TIME	COMPANY TRAC	TIME	COMPANY	TIME	COMPANY	TIME
REASON SHIPMENT		REASON		REASON		REASON	

METHOD OF SHIPMENT: ~~FEDEX~~
SHIPMENT NO. HAND
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

059COCR

(4)

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT EnSafe/Allen & Hoshall
ADDRESS 5724 Summer Trees
Memphis, TN. 38134
PROJECT NAME/NUMBER 036/Sites 40/41

PROJECT MANAGER Henry Beiro
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) D. T

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	Lepto	Ulanthus	Mysid	REMARKS
40-07	9-3-97	0900	Sed	1-gal	4°C								X	X	X	
40-08	↓	0945	↓	↓	↓								X	X	X	
40-09		1000											X	X	X	
40-10		1030											X	X	X	
64-06		1045											X	X	X	

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE D. T	1993	SIGNATURE	3/4/97	SIGNATURE		SIGNATURE	
PRINTED D. Trimm	TIME	PRINTED Ocean Solution	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY TAC		COMPANY		COMPANY	
REASON SHIPMENT		REASON Receive	1150	REASON		REASON	

METHOD OF SHIPMENT: ~~FEDEX~~ HAND
SHIPMENT NO.
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

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(5)

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT EnSafe/Allen & Hoshall
PROJECT MANAGER Henry Beiro
ADDRESS 5724 Summer Trees
TELEPHONE NO. (901) 372-7962
Memphis, TN. 38134
FAX. NO. (901) 372-2454
PROJECT NAME/NUMBER D36 Site 40/44
SAMPLERS: (SIGNATURE) D. L. Trimm

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	Lead	Nitrate	REMARKS
5-[illegible] 04-05	9-4-97	1030	Sed	1 gal	4°C		1						X	X	NPS
1330 04-04	9-4-97	1000	Sed	1 gal	↓		1						X	X	NPS
1334 16-03	9-4-97	1130	Sed	1 gal	↓		1						X	X	NPS

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE D. L. Trimm	9/4 1997	SIGNATURE Rick Abad		SIGNATURE		SIGNATURE	
PRINTED D. L. TRIMM	TIME	PRINTED RICK ABAD	TIME	PRINTED	TIME	PRINTED	TIME
COMPANY E/A&H		COMPANY TRAC		COMPANY		COMPANY	
REASON SHIPMENT		REASON		REASON		REASON	

METHOD OF SHIPMENT: ~~FEDEX~~ HAND
SHIPMENT NO.
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

059COCR

NAVY CLEAN
ENSAFE/ALLEN & HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT EnSafe/Allen & Hoshall
ADDRESS 5724 Summer Trees
Memphis, TN. 38134
PROJECT NAME/NUMBER wetland/036-Site 41

PROJECT MANAGER Henry Beiro
TELEPHONE NO. (901) 372-7962
FAX. NO. (901) 372-2454
SAMPLERS: (SIGNATURE) D. Trimm, C. Mason

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	TCL VOCs	TCL BNAs	TCL PEST/PCBs	TAL METALS	TCL CYANIDE	Bioassay (Pine Bluff)	REMARKS
0301	8-26	1030	W	2.5 gal	4°C								X	Arrival Temp = 26°C
05A04	↓	1315	↓	↓	↓								X	30.5°C ~~27.7°C~~
05A05		1330											X	31.7°C
05A06		1350											X	28.7°C
7501	↓	1520	↓	↓	↓								X	27.7°C

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	8/26	SIGNATURE Rick Abad		SIGNATURE		SIGNATURE	
PRINTED D.L. Trimm	1997	PRINTED RICK ABAD		PRINTED		PRINTED	
COMPANY E/A&H	TIME	COMPANY TRAC LABS.	TIME	COMPANY	TIME	COMPANY	TIME
REASON SHIPMENT	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: ~~FEDEX~~ Hand
SHIPMENT NO.
SPECIAL INSTRUCTION: ~~PRIORITY~~

COMMENTS: TRAC Project # 119-1817-21

AFTER ANALYSIS, SAMPLES ARE TO BE:
- ☐ DISPOSED OF (ADDITIONAL FEE)
- ☐ STORED (90 DAYS MAX)
- ☐ STORED OVER 90 DAYS (ADDITIONAL FEE)
- ☐ RETURNED TO CUSTOMER

059COCR

TIERRA CONSULTING,INC.
SEDPET III: SEDIMENTARY PETROLOGY ANALYSIS PROGRAM

ANALYSIS OF SAMPLE: TL-F18

ORGANIC CARBON = 3.94%

SIEVE ANALYSIS

SAMPLE WEIGHT = 15.04

SIEVE SIZE (MICRONS)	SIEVE SIZE (PHI)	SIEVE WT (GRAMS)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
500.00	1.00	.05	.33	99.67	.33
250.00	2.00	.09	.60	99.07	.93
125.00	3.00	.05	.33	98.74	1.26
62.50	4.00	.02	.13	98.60	1.40

HYDROMETER ANALYSIS

OLUME = 1000.00 ASSUMED SPECIFIC GRAVITY = 2.650

TIME (MINS)	HYDROMETER READING	TEMPERATURE (DEGREES C)	EFFECTIVE DEPTH	TEMPERATURE CORRECTION
1.	14.00	21.50	14.00	.01341
5.	13.50	21.50	14.08	.01341
15.	13.00	21.50	14.16	.01341
60.	11.00	21.50	14.49	.01341
180.	9.00	21.50	14.82	.01341
720.	8.00	21.50	14.98	.01341
1200.	7.50	21.00	15.06	.01349

TIME (MINS)	DIAMETER (MICRONS)	DIAMETER (IN PHI)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
1.	50.18	4.32	5.52	93.09	6.91
5.	22.51	5.47	3.32	89.76	10.24
15.	13.03	6.26	3.32	86.44	13.56
60.	6.59	7.25	13.30	73.14	26.86
180.	3.85	8.02	13.30	59.84	40.16
720.	1.93	9.01	6.65	53.19	46.81
1200.	1.51	9.37	3.32	49.87	50.13

TEXTURAL CLASSIFICATION AND PHI PERCENTILES — SAMPLE TL-F18

SIZE CLASSIFICATION USED: STANDARD GEOLOGICAL SOILS CLASSIFICATION

GRAVEL/SAND CUTOFF	2000.00	MICRONS
SAND/SILT CUTOFF	62.50	MICRONS
SILT/CLAY CUTOFF	4.00	MICRONS

PERCENT GRAVEL	.00
PERCENT SAND	1.40
PERCENT SILT	37.81
PERCENT CLAY	60.80

TEXTURAL DESCRIPTIONS

FOLK'S: MUD
SHEPARD'S: SILTY CLAY
TREFETHEN'S: SILTY CLAY
U.S. ARMY CORPS OF ENGINEERS: CLAY
U.S. BUREAU OF SOILS: CLAY

PHI PERCENTILES

PHI(05)	4.21	PHI	54.15 MICRONS
PHI(16)	6.44	PHI	11.50 MICRONS
PHI(25)	7.11	PHI	7.25 MICRONS
PHI(50)	9.36	PHI	1.53 MICRONS

EXTRAPOLATION OF DATA TO CUMULATIVE 99.5% RETAINED.

NUMBER OF SAMPLES SELECTED: 7
CORRELATION COEFFICIENT: .9856613
STANDARD ERROR OF THE ESTIMATE: 1.1586659
RANGE OF STANDARD RESIDUALS: 12.7761 WITH MINIMUM: -6.0233 AND MAXIMUM: 6.7527
F-TEST: 170.6118 WITH 1 AND 5 DEGREES OF FREEDOM.

WARNING EXTRAPOLATION MAY BE MEANINGLESS SINCE
LESS THAN 75% ACCOUNTED FOR BY INPUT DATA.***

EXTRAPOLATED PHI PERCENTILES

PHI(05)	4.21	PHI	54.15 MICRONS
PHI(16)	6.44	PHI	11.50 MICRONS
PHI(25)	7.11	PHI	7.25 MICRONS
PHI(50)	9.36	PHI	1.53 MICRONS
PHI(75)	10.02	PHI	.97 MICRONS
PHI(84)	10.28	PHI	.80 MICRONS
PHI(95)	10.58	PHI	.66 MICRONS
PHI(99.9)	10.695	PHI	.603 MICRONS

INTERPOLATED PHI PERCENTILES SAMPLE TL-F18

PHI	MICRONS	MM	PCT. RET	PCT. FINER
1.00	500.00	.5000E+00	.33	99.67
1.25	420.45	.4204E+00	.48	99.52
1.50	353.55	.3536E+00	.63	99.37
1.75	297.30	.2973E+00	.78	99.22
2.00	250.00	.2500E+00	.93	99.07
2.25	210.22	.2102E+00	1.01	98.99
2.50	176.78	.1768E+00	1.10	98.90
2.75	148.65	.1487E+00	1.18	98.82
3.00	125.00	.1250E+00	1.26	98.74
3.25	105.11	.1051E+00	1.30	98.70
3.50	88.39	.8839E-01	1.33	98.67
3.75	74.33	.7433E-01	1.36	98.64
4.00	62.50	.6250E-01	1.40	98.60
4.25	52.56	.5256E-01	5.75	94.25
4.50	44.19	.4419E-01	7.44	92.56
4.75	37.16	.3716E-01	8.16	91.84
5.00	31.25	.3125E-01	8.88	91.12
5.25	26.28	.2628E-01	9.60	90.40
5.50	22.10	.2210E-01	10.35	89.65
5.75	18.58	.1858E-01	11.41	88.59
6.00	15.63	.1563E-01	12.46	87.54
6.25	13.14	.1314E-01	13.51	86.49
6.50	11.05	.1105E-01	16.78	83.22
6.75	9.29	.9291E-02	20.16	79.84
7.00	7.81	.7813E-02	23.54	76.46
7.25	6.57	.6570E-02	26.94	73.06
7.50	5.52	.5524E-02	31.22	68.78
7.75	4.65	.4645E-02	35.51	64.49
8.00	3.91	.3906E-02	39.79	60.21
8.25	3.28	.3285E-02	41.69	58.31
8.50	2.76	.2762E-02	43.37	56.63
8.75	2.32	.2323E-02	45.04	54.96
9.00	1.95	.1953E-02	46.72	53.28
9.25	1.64	.1642E-02	49.01	50.99
9.50	1.38	.1381E-02	55.03	44.97
9.75	1.16	.1161E-02	64.42	35.58
10.00	.98	.9766E-03	73.81	26.19
10.25	.82	.8212E-03	83.20	16.80
10.50	.69	.6905E-03	92.59	7.41

STATISTICS AND ENGINEERING PARAMETERS SAMPLE TL-F18

INMAN'S STATISTICS:

MEDIAN	9.355	PHI	1.527	MICRONS
MEAN	8.363	PHI	3.037	MICRONS
STANDARD DEVIATION	1.921	POORLY SORTED		
SKEWNESS	-.517	STRONGLY COARSE-SKEWED		
KURTOSIS	.658	VERY PLATYKURTIC		

FOLK'S STATISTICS:

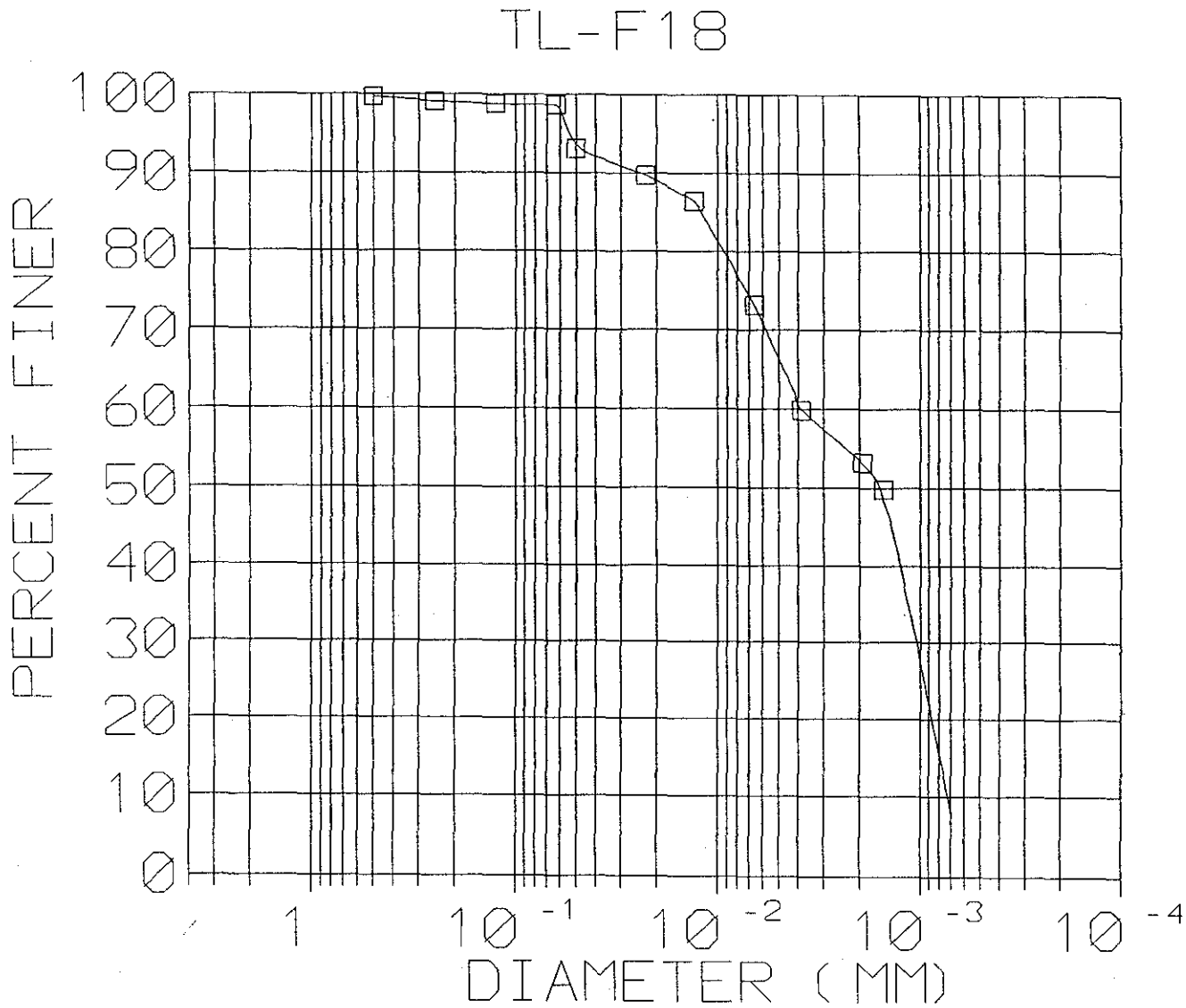
MEAN	8.694	PHI	2.415	MICRONS
STANDARD DEVIATION	1.925	POORLY SORTED		
SKEWNESS	-.567	STRONGLY COARSE-SKEWED		
KURTOSIS	.898	PLATYKURTIC		

MOMENT MEASURES:

MEAN	8.383	PHI	2.995	MICRONS
SECOND MOMENT	4.090			
STANDARD DEVIATION	2.022	VERY POORLY SORTED		
THIRD MOMENT	-8.602			
SKEWNESS	-1.040	STRONGLY COARSE-SKEWED		
FOURTH MOMENT	60.548			
KURTOSIS	1.206	LEPTOKURTIC		

ENGINEERING PARAMETERS:

D60	8.028	PHI	3.831	MICRONS
D30	9.899	PHI	1.048	MICRONS
D10	10.431	PHI	.724	MICRONS
COEF. OF UNIFORMITY	5.290			
COEF. OF CURVATURE	.395			


TL-F18
PERCENT FINER
100
90
80
70
60
50
40
30
20
10
0
1
10 -1
10 -2
10 -3
10 -4
DIAMETER (MM)

TIERRA CONSULTING, INC.
SEDPET III: SEDIMENTARY PETROLOGY ANALYSIS PROGRAM

ANALYSIS OF SAMPLE: TL-C17

SIEVE ANALYSIS

SAMPLE WEIGHT = 37.35

SIEVE SIZE (MICRONS)	SIEVE SIZE (PHI)	SIEVE WT (GRAMS)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
500.00	1.00	.07	.19	99.81	.19
250.00	2.00	1.27	3.40	96.41	3.59
125.00	3.00	5.10	13.65	82.76	17.24
62.50	4.00	1.08	2.89	79.87	20.13

HYDROMETER ANALYSIS

OLUME = 1000.00 ASSUMED SPECIFIC GRAVITY = 2.650

TIME (MINS)	HYDROMETER READING	TEMPERATURE (DEGREES C)	EFFECTIVE DEPTH	TEMPERATURE CORRECTION
1.	24.50	21.50	12.28	.01341
5.	22.00	21.50	12.69	.01341
15.	20.00	21.50	13.01	.01341
60.	18.50	21.50	13.26	.01341
180.	16.50	21.50	13.59	.01341
720.	15.00	21.50	13.83	.01341
1200.	14.00	21.50	14.00	.01341

TIME (MINS)	DIAMETER (MICRONS)	DIAMETER (IN PHI)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
1.	46.99	4.41	14.27	65.60	34.40
5.	21.36	5.55	6.69	58.90	41.10
15.	12.49	6.32	5.35	53.55	46.45
60.	6.30	7.31	4.02	49.53	50.47
180.	3.68	8.08	5.35	44.18	55.82
720.	1.86	9.07	4.02	40.16	59.84
1200.	1.45	9.43	2.68	37.48	62.52

TEXTURAL CLASSIFICATION AND PHI PERCENTILES — SAMPLE TL-C17

SIZE CLASSIFICATION USED: STANDARD GEOLOGICAL SOILS CLASSIFICATION

GRAVEL/SAND CUTOFF	2000.00	MICRONS
SAND/SILT CUTOFF	62.50	MICRONS
SILT/CLAY CUTOFF	4.00	MICRONS

PERCENT GRAVEL	.00
PERCENT SAND	20.13
PERCENT SILT	34.87
PERCENT CLAY	44.99

TEXTURAL DESCRIPTIONS

FOLK'S: SANDY MUD
SHEPARD'S: SAND-SILT-CLAY
TREFETHEN'S: SANDY SILTY-CLAY
U.S. ARMY CORPS OF ENGINEERS: SILTY CLAY
U.S. BUREAU OF SOILS: CLAY

PHI PERCENTILES

PHI(05)	2.10	PHI	232.70	MICRONS
PHI(16)	2.91	PHI	133.14	MICRONS
PHI(25)	4.14	PHI	56.71	MICRONS
PHI(50)	7.19	PHI	6.83	MICRONS

EXTRAPOLATION OF DATA TO CUMULATIVE 99.5% RETAINED.

NUMBER OF SAMPLES SELECTED: 7
CORRELATION COEFFICIENT: .9913523
STANDARD ERROR OF THE ESTIMATE: 1.0313079
RANGE OF STANDARD RESIDUALS: 3.1565 WITH MINIMUM: -1.3534 AND MAXIMUM: 1.8030
F-TEST: 285.3494 WITH 1 AND 5 DEGREES OF FREEDOM.

WARNING EXTRAPOLATION MAY BE MEANINGLESS SINCE
LESS THAN 75% ACCOUNTED FOR BY INPUT DATA.***

EXTRAPOLATED PHI PERCENTILES

PHI(05)	2.10	PHI	232.70	MICRONS
PHI(16)	2.91	PHI	133.14	MICRONS
PHI(25)	4.14	PHI	56.71	MICRONS
PHI(50)	7.19	PHI	6.83	MICRONS
PHI(75)	10.85	PHI	.54	MICRONS
PHI(84)	11.83	PHI	.27	MICRONS
PHI(95)	12.90	PHI	.13	MICRONS
PHI(99.9)	13.342	PHI	.096	MICRONS

STATISTICS AND ENGINEERING PARAMETERS SAMPLE TL-C17

INMAN'S STATISTICS:

MEDIAN	7.194	PHI	6.828	MICRONS
MEAN	7.371	PHI	6.039	MICRONS
STANDARD DEVIATION	4.462	EXTREMELY POORLY SORTED		
SKEWNESS	.040	NEAR-SYMMETRICAL		
KURTOSIS	.210	VERY PLATYKURTIC		

FOLK'S STATISTICS:

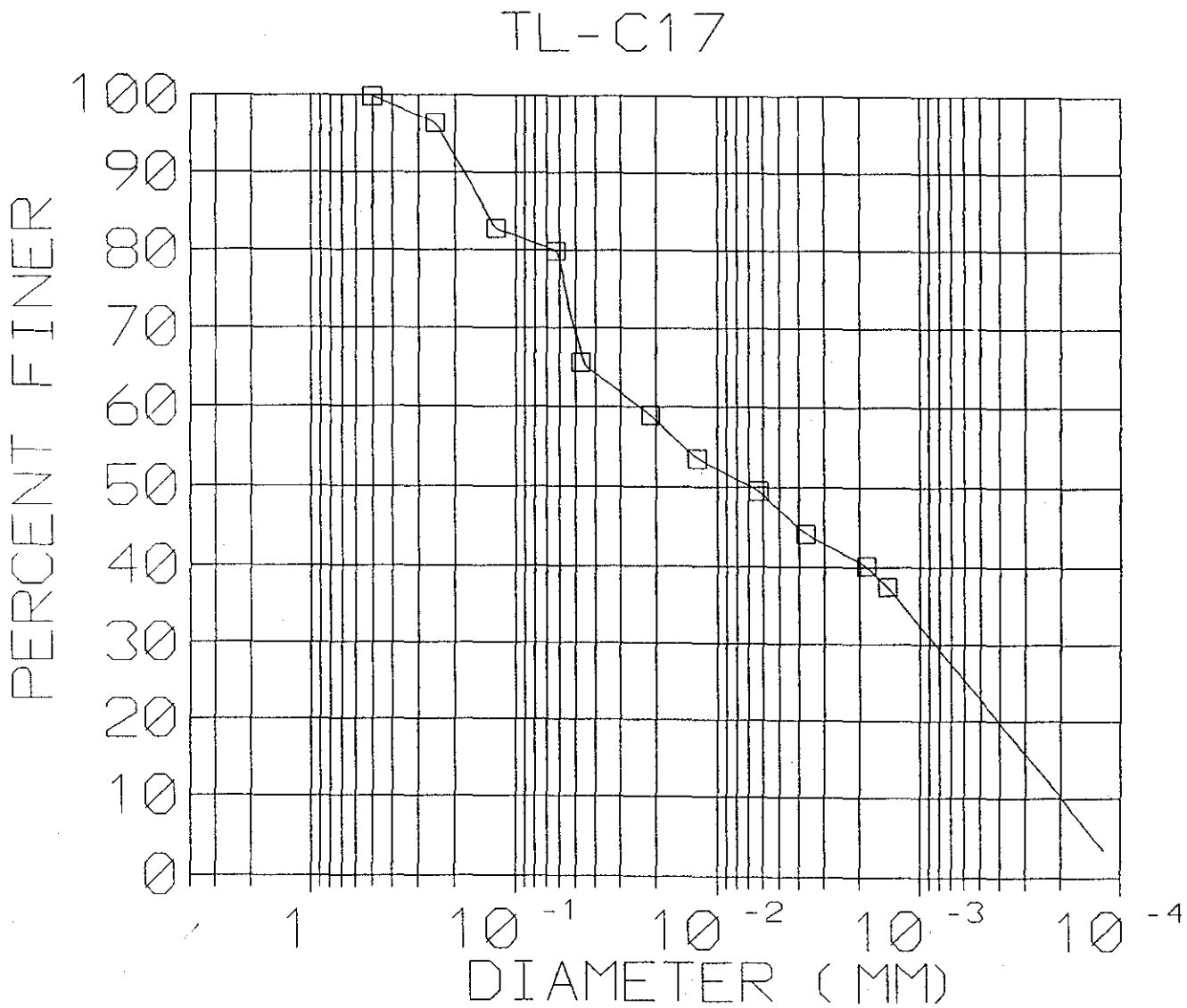
MEAN	7.312	PHI	6.292	MICRONS
STANDARD DEVIATION	3.868	VERY POORLY SORTED		
SKEWNESS	.049	NEAR-SYMMETRICAL		
KURTOSIS	.660	VERY PLATYKURTIC		

MOMENT MEASURES:

MEAN	7.312	PHI	6.294	MICRONS
SECOND MOMENT	13.796			
STANDARD DEVIATION	3.714	VERY POORLY SORTED		
THIRD MOMENT	3.849			
SKEWNESS	.075	NEAR-SYMMETRICAL		
)URTH MOMENT	300.664			
ʌURTOSIS	.527	VERY PLATYKURTIC		

ENGINEERING PARAMETERS:

D60	5.362	PHI	24.310	MICRONS
D30	10.214	PHI	.842	MICRONS
D10	12.307	PHI	.197	MICRONS
COEF. OF UNIFORMITY	123.155			
COEF. OF CURVATURE	.148			


TL-C17
PERCENT FINER
100
90
80
70
60
50
40
30
20
10
0
1
10 -1
10 -2
10 -3
10 -4
DIAMETER (MM)

TOXICITY TEST SURVIVAL

SPECIES *P. promelas*

TRAC ID 119-1817-1821

SPONSOR Ensafe

SAMPLE ID SA04, SA05, SA06, 0301, 7501

AGE <24 hrs

BROOD PP 97-18

	BEGIN	END
DATE	27 Aug 1997	3 Sept 97
TIME	1530	1400

Conc. %	REP	Number Alive 0	24	48	72	96	120	144	168	ALIVE	DEAD	
RCF CFE	1	10	10	10	10	10	10	10	10			
	2	10	10	10	10	10	10	10	10			
	3	10	10	10	10	10	10	10	10			
	4	10	10	10	10	10	10	10	10	40	0	
1817 (SA04)	1	10	10	10	10	10	10	10	10			
	2	10	10	10	10	10	10	10	10			
	3	10	10	10	10	10	10	10	10			
	4	10	10	10	10	10	10	10	10	40	0	
1818 (SA05)	1	10	10	10	10	10	10	10	10			
	2	10	10	10	10	10	10	10	10			
	3	10	10	10	10	10	10	10	10			
	4	10	10	10	10	10	10	10	10	40	0	
1819 (SA06)	1	10	10	10	10	10	10	10	10			
	2	10	10	10	10	10	10	10	10			
	3	10	10	10	10	10	10	10	10			
	4	10	10	10	10	10	10	9	9	39	1	2.5%
1820 (0301)	1	10	10 ①	10	10	10	10	10	10			
	2	10	10	10	10	10	10	10	10			
	3	10	10	10	10	10	10	10	9			
	4	10	10 ①	10	10	10	10	10	10	39	1	2.5%
1821 (7501)	1	10	10	10	10	10	10	10	10			
	2	10	10	10	10	10	9	9	7			
	3	10	10	10	10	10	10	10	10			
	4	10	10	10	10	10	10	9	9	36	4	10%
COUNT		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
RENEWAL		[illegible]	[illegible]	[illegible]	JBF	JBF	JBF	RA	[illegible]			
TIME		[illegible]	[illegible]	1311	1400	1410	1130	1420	1400			

LOADING CHECK [illegible]

COMMENTS: ① Red colored material ingested by one fish.

P. PROMELAS DRY WT.

TRAC ID 119-1817-1821

N = number of fish weighed

Conc.	Pan	Pan wt.	Pan + fish	Difference	N	Wt/fish (mg)
Control	A	1.0156	1.0211	0.0055	10	0.5500
	B	1.0124	1.0182	0.0058	10	0.5800
	C	1.0163	1.0221	0.0058	10	0.5800
	D	1.0161	1.0222	0.0061	10	0.6100
1817	A	1.0052	1.0102	0.0045	10	0.4500
	B	1.0093	1.0141	0.0048	10	0.4800
	C	1.0071	1.0121	0.0050	10	0.5000
	D	1.0037	1.0091	0.0054	10	0.5400
1818	A	0.9765	0.9801	0.0036	10	0.3600
	B	0.9867	0.9908	0.0041	10	0.4100
	C	0.9834	0.9880	0.0046	10	0.4600
	D	0.9788	0.9836	0.0048	10	0.4800
1819	A	1.0049	1.0097	0.0045	10	0.4800
	B	1.0087	1.0132	0.0045	10	0.4500
	C	1.0115	1.0163	0.0048	10	0.4800
	D	1.0143	~~1.0132~~ 1.0181	0.0038	9	0.42
1820	A	0.9803	0.9847	0.0044	10	0.4400
	B	0.9693	0.9738	0.0045	10	0.4500
	C	0.9659	0.9707	0.0048	9	0.5333
	D	0.9725	0.9778	0.0053	10	~~0.5383~~ 0.5333
1821	A	0.9905	0.9955	0.0050	10	0.5000
	B	0.9861	0.9886	0.0021	7	0.1000
	C	0.9863	0.9909	0.0046	10	0.4600
	D	0.9850	0.9896	0.0046	9	~~0.5111~~ 0.5111

	Date	Time	Operator
Tare weights	3 Sept 97	1330	[illegible]
Fish Placed in Oven	3 Sept 97	1445	[illegible]
Fish Removed from Oven	4 Sept 97	0900	[illegible]
Final weights	4 Sept 97	1545	[illegible]

pH AND CONDUCTIVITY

TRAC ID 119-1817-1821 Species P. promelas

	Conc (%)	pH 0	24	48	72	96	120	144	168
INITIAL	C	8.0	8.1	8.0	7.9	7.7	8.0		
	1817	7.3	7.0	6.8	6.9	6.9	7.1		
	1818	7.5	7.1	6.8	6.8	6.8	7.0		
	1819	7.0	6.8	6.7	6.7	6.7	6.7	→ (1)	
	1820	6.6	6.5	6.4	6.6	6.8	~~7.5~~ 6.5		
	1821	6.6	6.2	6.8	6.6	6.6	6.7		
FINAL	C		8.0	8.0	7.9	7.5	7.9		7.5
	1817		7.7	7.0	6.6	7.3	7.4		7.5
	1818		7.6	7.4	6.5	7.3	7.3		7.5
	1819		7.6	7.2	6.6	7.3	7.3	→ (1)	7.4
	1820		7.9	7.0	6.6	7.5	7.9		7.5
	1821		7.3	7.0	6.6	7.5	7.3		7.0

	Conc (%)	CONDUCTIVITY (umhos/cm) 0	24	48	72	96	120	144	168
INITIAL	C	280	285		309		281		
	1817	170	180		171		171		
	1818	94	89		95		97		
	1819	114	118		110		120	→ (1)	
	1820	244	247		237		239		
	1821	124	133		122		129		
I = Initial F = Final		I	F/I	F/I	F/I	F/I	F/I	F/I	F/I
Operator		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
Time		1420	1120	1330	1400	1100	1145		1345
Sample		1817-1821	1817-1821	1817-1821	1817-1821	1817-1821	1817-1821		
Prep		474	474	~~474~~ 479 [illegible]	~~474~~ 479 [illegible]	479	479		

(1) pH and ~~Cond~~ conductivity not taken at 48 hrs.

DISSOLVED OXYGEN AND TEMPERATURE

TRAC ID 119-1817-1821 Species P. promelas

	Conc (%)	DISSOLVED OXYGEN (mg/L) 0	24	48	72	96	120	144	168
INITIAL	C	8.0	7.9	8.3	8.2	8.4	8.0	7.9	
	1817	7.8	8.2	8.3	8.2	8.8	8.9	10.4	
	1818	8.0	8.2	8.2	8.2	8.6	9.0	10.1	
	1819	7.8	6.6	7.5	7.8	8.2	8.4	9.8	
	1820	5.5	5.5	7.0	7.0	8.2	8.2	9.0	
	1821	7.5	6.5	6.9	6.8	8.2	8.2	9.6	
FINAL	C		7.5	7.6	7.8	8.0	6.4	6.3	6.4
	1817		7.3	7.3	7.4	7.9	6.2	6.7	6.8
	1818		7.3	7.4	7.4	7.9	5.9	6.9	6.7
	1819		7.2	7.2	7.0	7.5	6.2	6.6	6.3
	1820		7.3	7.0	7.0	7.4	6.3	6.6	6.2
	1821		7.2	6.9	6.9	6.8	6.2	6.5	6.4

	Conc (%)	TEMPERATURE (°C) 0	24	48	72	96	120	144	168
INITIAL	C	24.5	24.0	24.5	24.5	25.0	25.0	25.2	
	1817	24.5	24.0	24.5	24.6	25.0	25.0	25.5	
	1818	24.5	24.1	24.5	24.6	25.1	25.0	25.2	
	1819	24.6	24.3	24.5	24.6	25.1	25.0	25.2	
	1820	24.6	24.2	24.6	24.6	25.1	25.0	24.9	
	1821	24.6	24.2	24.6	24.6	25.1	25.0	24.9	
FINAL	C		25.7	25.5	25.9	25.8	26.0	24.9	25.2
	1817		25.6	25.5	25.9	25.8	26.0	24.9	25.2
	1818		25.6	25.5	25.8	25.6	25.8	24.9	25.2
	1819		25.6	25.5	25.8	25.6	25.8	24.9	25.3
	1820		25.5	25.4	25.8	25.7	25.8	24.9	25.3
	1821		25.5	25.3	25.8	25.6	25.8	24.8	25.5
I = Initial F = Final		I	F/I	F/I	F/I	F/I	F/I	F/I	F/I
Operator		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Time		1430	1100	1130	1530	1400	1100	1130	1130

FHM

119-1817-1821
File: C:\TOXSTAT\FHM.SUR

ɔT(Y))

...apiro Wilks test for normali

D = 0.158

W = 0.769

Critical W (P = 0.05) (n = 24)
Critical W (P = 0.01) (n = 24)

Data FAIL normality test. Try

Warning - The two homogeneity tests are sensitive to non-normal data and should not be performed.

119-1817-1821
File: C:\TOXSTAT\FHM.SUR Transform: ARC SINE(SQUARE ROOT(Y))

Hartley test for homogeneity of variance
Bartletts test for homogeneity of variance

...se two tests can not be performed because at least one group has zero variance.

Data FAIL to meet homogeneity of variance assumption.
Additional transformations are useless.

119-1817-1821
File: C:\TOXSTAT\FHM.SUR Transform: ARC SINE(SQUARE ROOT(Y))

STEELS MANY-ONE RANK TEST - Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	RANK SUM	CRIT. VALUE	df	SIG
1	control	1.412				
2	1817(5A04)	1.412	18.00	10.00	4.00	
3	1818(5A05)	1.412	18.00	10.00	4.00	
4	1819(5A06)	1.371	16.00	10.00	4.00	
5	1820(0301)	1.371	16.00	10.00	4.00	
6	1821(7501)	1.266	14.00	10.00	4.00	

Critical values use k = 5, are 1 tailed, and alpha = 0.05

119-1817-1821
File: C:\TOXSTAT\FHM-WT. Transform: NO TRANSFORMATION

Shapiro Wilks test for normality

D = 0.053

W = 0.930

Critical W (P = 0.05) (n = 24) = 0.916
Critical W (P = 0.01) (n = 24) = 0.884

Data PASS normality test at P=0.01 level. Continue analysis.

119-1817-1821
File: C:\TOXSTAT\FHM-WT. Transform: NO TRANSFORMATION

Bartletts test for homogeneity of variance

Calculated B statistic = 6.98
Table Chi-square value = 15.09 (alpha = 0.01)
Table Chi-square value = 11.07 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 3.00
Used for Chi-square table value ==> df (#groups-1) = 5

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

119-1817-1821
File: C:\TOXSTAT\FHM-WT. Transform: NO TRANSFORMATION

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	5	0.059	0.012	4.043
Within (Error)	18	0.053	0.003	
Total	23	0.112		

Critical F value = 2.77 (0.05,5,18)
Since F > Critical F REJECT Ho:All groups equal

119-1817-1821
File: C:\TOXSTAT\FHM-WT. Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	control	0.580	0.580		
2	1817(5A04)	0.493	0.493	2.281	
3	1818(5A05)	0.428	0.428	3.975	*
4	1819(5A06)	0.457	0.457	3.193	*
5	1820(0301)	0.488	0.488	2.411	*
6	1821(7501)	0.443	0.443	3.584	*

Dunnett table value = 2.41 (1 Tailed Value, P=0.05, df=18,5)

119-1817-1821
File: C:\TOXSTAT\FHM-WT. Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	control	4			
2	1817(5A04)	4	0.092	15.9	0.087
3	1818(5A05)	4	0.092	15.9	0.152
4	1819(5A06)	4	0.092	15.9	0.122
5	1820(0301)	4	0.092	15.9	0.092
6	1821(7501)	4	0.092	15.9	0.137

	Chironomus tetans 28 - Day									Survival, Growth					Emergence	
	Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
F	12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/10
S	13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/11
S	14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	10/14
M	15	9/29/97	[illegible]	[illegible]	~~5.8~~ 7.5	5.8	—	✓	—	4					4	10/15
T	16	9/30/97	[illegible]	[illegible]	—	—	—	✓	—	5					5	
W	17	10/1/97	[illegible]	[illegible]	—	—	—	✓	—	6					6	
T	18	10/2/97	[illegible]	23	7.8	6.8	—	✓	—	7					7	
F	19	10/3/97	[illegible]	—	—			✓		8					8	
S	20	10/4/97	RA	—	—	—	—	✓	—	9					9	
S	21	10/5/97	RA	—	—	—	—	✓	—	10					10	
M	22	10/6/97	[illegible]					✓	—	11					11	
T	23	10/7/97	[illegible]	23	7.7	7.8	—	✓	X	12					12	
W	24	10/8/97	[illegible]	23	—	—	—	✓	—							
T	25	10/9/97	[illegible]	23	—	—	—	✓	—							
F	26	10/10/97	[illegible]	23	—	—	—	✓	X							
S	27	10/11/97	[illegible]	23	—	—	—	✓								
S	28	10/12/97	[illegible]	23	—		—	✓								
M	29	10/13/97	[illegible]	23	—	—	—	✓	X							
T	30	10/14/97	[illegible]	23	—	—	—	✓								

Project #: 119

Site #: F-18

Animal Batch #: Ct-97-03

Comments:

12/20 = 60%

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	BF	–	7.8		–	✓	–	1					1	~~10/10~~
13	9/27/97	BF	–	–	–	–	✓	–	2					2	10/14
14	9/28/97	BF	–	–	–	–	✓	–	3					3	10/15
15	9/29/97	BF	–	7.7	5.2	–	✓	–	4					4	
16	9/30/97	BF	23	–	–	–	✓	–	5					5	
17	10/1/97	BF	23	–	–	–	✓	–	6					6	
18	10/2/97	BF	23	8.1	7.5	–	✓	–	7					7	
19	10/3/97	BF	–	–	–	–	✓	–	8					8	
20	10/4/97	RA	–	–	–	–	✓	–	9					9	
21	10/5/97	RA	–	–	–	–	✓	–	10					10	
22	10/6/97	BF	–	–	–	–	✓	–	11					11	
23	10/7/97	BF	23	8.0	7.7	–	✓	X	12					12	
24	10/8/97	BF	23	–	–	–	✓	–							
25	10/9/97	BF	23	–	–	–	✓	–							
26	10/10/97	BF	23	–	–	–	✓	X							
27	10/11/97	BF	23	–	–	–	✓	–							
28	10/12/97	BF	23	–	–	–	✓	–							
29	10/13/97	BF	23	–	–	–	✓	X							
30	10/14/97	BF	23	8.1	7.2	–	✓	–							

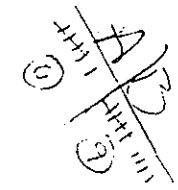
Project #: 119

Site #: 5A04

Animal Batch #: Ct-97-03

Comments: ALGAE GROWTH

15/20 = 7



Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/10
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/14
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	
15	9/29/97	[illegible]	23	7.7	5.4	—	✓	—	4					4	
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	—	—	—	✓	—	6					6	
18	10/2/97	[illegible]	23	7.9	7.5	—	✓	—	7					7	
19	10/3/97	[illegible]	—	—	—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—	—	—	✓	—	11					11	
23	10/7/97	[illegible]	23	8.2	7.8	—	✓	X	12					12	
24	10/8/97	[illegible]	23	—	—	—	✓	—							
25	10/9/97	[illegible]	23	—	—	—	✓	—							
26	10/10/97	[illegible]	23	—	—	—	✓	X							
27	10/11/97	[illegible]	23	—	—	—	✓	—							
28	10/12/97	[illegible]	23	—	—	—	✓	—							
29	10/13/97	[illegible]	23	—	—	—	✓	X							
30	10/14/97	[illegible]	23	8.2	7.2	—	✓	—							

Project #: 119

Site #: SA05

Animal Batch #: Ct-97-03

Comments: Algal Growth

10/20 = 5

(5) 8 / 3 (5)

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/9 —
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/9 —
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	10/10 —
15	9/29/97	[illegible]	23	~~5.3~~ 7.6	5.8	—	✓	—	4					4	10/14 —
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	—	—	—	✓	—	6					6	
18	10/2/97	[illegible]	23	7.7	5.5 ①	—	✓	—	7					7	
19	10/3/97	[illegible]	—	—	—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—		—	✓	—	11					11	
23	10/7/97	[illegible]	~~8.3~~ 23	8.1	7.8	—	✓	X	12					12	
24	10/8/97	[illegible]	23	—	—	—	✓	—							
25	10/9/97	[illegible]	23	—	—	—	✓	—							
26	10/10/97	[illegible]	23	—	—	—	✓	X							
27	10/11/97	[illegible]	23	—	—	—	✓	—							
28	10/12/97	[illegible]	23	—	—	—	✓	—							
29	10/13/97	[illegible]	23	—	—	—	✓	X							
30	10/14/97	[illegible]	23	—	—	—	✓	—							

Project #: 119

Site #: 5A06

Animal Batch #: Ct-97-03

Comments: ① Checked airline because replicate DO: 7.5 mg/L.

ALGAL Growth

15/20 = 7

*** STEELS RANK TEST IS ABORTED ***

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

KRUSKAL-WALLIS ANOVA BY RANKS - TABLE 1 OF 2 (p=0.05)

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	RANK SUM
1	F18	0.888	0.600	7.500
2	5A04	1.068	0.750	12.000
3	5A05	0.785	0.500	4.000
4	5A06	1.049	0.750	12.500

Calculated H Value = 4.297 Critical H Value Table = 6.167
Since Calc H < Crit H FAIL TO REJECT Ho:All groups are equal.

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

DUNNS MULTIPLE COMPARISON - KRUSKAL-WALLIS - TABLE 2 OF 2 (p=0.05)

GROUP	IDENTIFICATION	TRANSFORMED MEAN	ORIGINAL MEAN	GROUP 0 3	0 1	0 4	0 2
3	5A05	0.785	0.500	\			
1	F18	0.888	0.600	.	\		
4	5A06	1.049	0.750	.	.	\	
2	5A04	1.068	0.750	.	.	.	\

* = significant difference (p=0.05) . = no significant difference
Table q value (0.05,4) = 2.639 SE = 2.375

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

Shapiro Wilks test for normality

D = 0.094

W = 0.992

Critical W (P = 0.05) (n = 8) = 0.818
Critical W (P = 0.01) (n = 8) = 0.749

Data PASS normality test at P=0.01 level. Continue analysis.

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

Hartley test for homogeneity of variance
Bartletts test for homogeneity of variance

These two tests can not be performed because at least one group has zero variance.

Data FAIL to meet homogeneity of variance assumption. - ⇒ so Steels Many-One RANK Test
Additional transformations are useless.

↓

couldnt calculate

↓

Dunnetts

↓

Bonferroni

ran, even though homogeneity couldn't be calculated

*** STEELS RANK TEST IS ABORTED ***

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	3	0.109	0.036	1.551
Within (Error)	4	0.094	0.023	
Total	7	0.203		

Critical F value = 6.59 (0.05,3,4)
Since F < Critical F FAIL TO REJECT Ho:All groups equal

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

BONFERRONI T-TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	F18	0.888	0.600		
2	5A04	1.068	0.750	-1.171	
3	5A05	0.785	0.500	0.672	
4	5A06	1.049	0.750	-1.051	

Bonferroni T table value = 3.19 (1 Tailed Value, P=0.05, df=4,3)

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

BONFERRONI T-TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	F18	2			
2	5A04	2	0.450	75.0	-0.150
3	5A05	2	0.450	75.0	0.100
4	5A06	2	0.450	75.0	-0.150

*** STEELS RANK TEST IS ABORTED ***

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	3	0.109	0.036	1.551
Within (Error)	4	0.094	0.023	
Total	7	0.203		

Critical F value = 6.59 (0.05,3,4)
Since F < Critical F FAIL TO REJECT Ho:All groups equal

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

DUNNETTS TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	F18	0.888	0.600		
2	5A04	1.068	0.750	-1.171	
3	5A05	0.785	0.500	0.672	
4	5A06	1.049	0.750	-1.051	

Dunnett table value = 88.38 (1 Tailed Value, P=0.05, df=4,3)

Chiron.tentans 9/26-10/15/97
File: 119ct.eme Transform: ARC SINE(SQUARE ROOT(Y))

DUNNETTS TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	F18	2			
2	5A04	2	0.596	99.4	-0.150
3	5A05	2	0.596	99.4	0.100
4	5A06	2	0.596	99.4	-0.150

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/10 —
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/13 —
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	10/14 —
15	9/29/97	[illegible]	23	7.6	5.5	—	✓	—	4					4	
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	—	—	—	✓	—	6					6	
18	10/2/97	[illegible]	23	7.8	7.5	—	✓	—	7					7	
19	10/3/97	[illegible]	—	—	—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—	—	—	✓	—						11	
23	10/7/97	[illegible]	23	8.0	7.8	—	✓	X						12	
24	10/8/97	[illegible]	23	—	—	—	✓	—	1					—	3/10 = 9
25	10/9/97	[illegible]	23	—	—	—	✓		S					—	
26	10/10/97	[illegible]	23	—	—	—	✓	X	A					—	
27	10/11/97	[illegible]	23	—	—	—	✓		C						
28	10/12/97	[illegible]	23	—	—	—	✓	X							
29	10/13/97	[illegible]	23	—	—	—	✓	↓							
30	10/14/97	[illegible]	23	8.2	7.0	—	✓	—							

Chron

no digestion
- analysis only

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/10 —
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/13 —
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	
15	9/29/97	[illegible]	23	~~5.3~~ 7.5	5.8	—	✓	—	4					4	
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	7.8	—	—	✓	·	6					6	
18	10/2/97	[illegible]	23	7.8	7.0	—	✓	—	7					7	
19	10/3/97	[illegible]	-	—	—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—	—	—	✓	—	11					11	
23	10/7/97	[illegible]	23	7.9	7.8	—	✓	—	12					12	
24	10/8/97	[illegible]	23	—	—	—	—	—							
25	10/9/97	[illegible]	23	—	—	—	✓	-							
26	10/10/97	[illegible]	23	—	—	—	✓								
27	10/11/97	[illegible]	23	—	—	—	✓	—							
28	10/12/97	[illegible]	23	—	-		✓	—							
29	10/13/97	[illegible]	23	-	—	.	✓								
30	10/14/97	[illegible]	23	8.0	7.0	—	✓	—							

Project #: 119

7/10 = 70%

Site #: 0307

Animal Batch #: Ct-97-03

Comments:

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8	—	—	✓	—	1					1	10/13 —
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/14 —
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	10/15 —
15	9/29/97	[illegible]	23	7.5	5.2	—	✓	—	4					4	
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	—	—	—	✓	—	6					6	
18	10/2/97	[illegible]	23	7.8	7.2	—	✓	—	7					7	
19	10/3/97	[illegible]	—	—	—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—	—	—	✓	—	11					11	
23	10/7/97	[illegible]	23	7.9	7.7	—	✓	X	12					12	
24	10/8/97	[illegible]	23	—	—	—	✓	—							
25	10/9/97	[illegible]	23	—	—	—	✓	—							
26	10/10/97	[illegible]	23	—	—	—	✓	X							
27	10/11/97	[illegible]	23	—	—	—	✓	—							
28	10/12/97	[illegible]	23	—	—	—	✓	—							
29	10/13/97	[illegible]	23	—	—	—	✓	X							
30	10/14/97	[illegible]	23	8.0	7.0	—	✓	—							

Project #: 119 6/10 = 60

Site #: 0302

Animal Batch #: Ct-97-03

Comments: Cloudiest sample - water column never cleared up

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/26/97	[illegible]	23	7.8		—	✓	—	1					1	10/9 -
13	9/27/97	[illegible]	—	—	—	—	✓	—	2					2	10/13
14	9/28/97	[illegible]	—	—	—	—	✓	—	3					3	10/14 -
15	9/29/97	[illegible]	23	7.5	5.2	—	✓	—	4					4	
16	9/30/97	[illegible]	23	—	—	—	✓	—	5					5	
17	10/1/97	[illegible]	23	—	—	—	✓	—	6					6	
18	10/2/97	[illegible]	23	7.8	7.2	—	✓	—	7					7	
19	10/3/97	[illegible]	—		—	—	✓	—	8					8	
20	10/4/97	RA	—	—	—	—	✓	—	9					9	
21	10/5/97	RA	—	—	—	—	✓	—	10					10	
22	10/6/97	[illegible]	—	—	—	—	✓	—	11					11	
23	10/7/97	[illegible]	23	7.7	7.8	—	✓	X	12					12	
24	10/8/97	[illegible]	23	—	—	—	✓	—							
25	10/9/97	[illegible]	23	—	—	—	—	—							
26	10/10/97	[illegible]	23	—	—	—	—	X							
27	10/11/97	[illegible]	23	—	—	—	—	—							
28	10/12/97	[illegible]	23	—	—	—	—	—							
29	10/13/97	[illegible]	23	—	—	—	—	X							
30	10/14/97	[illegible]	23	7.8	7.0	—	✓	—							

Project #: 119

Site #: ~~3503~~ F-13

Animal Batch #: Ct-97-03

Comments:

5/10 = 50%

S = 91%

	Chironomus tetans 28 - Day									Survival, Growth					Emergence	
	Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
	12	~~9/12/97~~	BK	20	7.1	7.0	—	✓	—	1	1	23.8	28.1	4.3	1	9/18/97
	13	9/13/97	BK	—	—	—	—	✓	✓	2	1	23.3	24.5	1.2	2	9/20/97
	14	9/14/97	BK	—	—	—	—	✓	✓	3	1	23.4	25.9	2.5	3	9/20/97
	15	9/15/97	BK	—	—	—	—	✓	✓	4	1	23.7	26.5	2.8	4	9/20/97
S	16	9/16/97	BK	—	—	—	—	✓	~~✓~~ BK	5	1	23.6	26.8	3.2	5	9/22/97
S	17	9/17/97	RA	—	—	—	—	✓	—	6	1	23.4	26.5	3.1	6	9/22/97
S	18	9/18/97	RA	—	—	—	—	✓	~~✓~~ BK	7	1	23.2	24.5	1.3	7	—
M	19	9/19/97	BK	20	~~7.3~~ 7.3	—	—	✓	✓	8	1	24.5	27.5	3.0	8	—
T	20	9/20/97	BK	20	~~7.3~~ 7.3	—	—	✓	✓	9	1	23.6	26.3	2.7	9	—
W	21	9/21/97	BK	—	—	—	—	✓	✓	10	1	23.4	26.0	2.6	10	—
T	22	9/22/97	BK	20	7.5	8.6	—	—	—	11	1	23.4	26.0	2.6	11	—
	23	9/23/97	LW	—	—	—	—	✓	—	12	—	23.7	—	—	12	—
	24	9/24/97	DJ	—	—	—	—	✓	—							
	25	9/25/97	DJ	—	—	—	—	✓	—							
	26	9/26/97	BK	—	—	—	—	✓	—							
	27	9/27/97	BK	—	—	—	—	✓	—							
	28	9/28/97	BK	—	—		—	✓	—							
	29	9/29/97	BK	—	—	—	—	✓	—							
	30	9/30/97	BK	—	—	—	—	✓	—							

Project #: 119

Site #: Control, F-18

Animal Batch #: Ct-97-02

Comments: Fed - 6 mg/individual/day - Tetrafin

Sept 1 97 - 12 individuals gross 1.0357g
tare 1.0334g
net 0.19 mg. AVG WT.

Sob

S = 83%

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date 1 Sept 97	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	~~8/31/97~~	[illegible]	20	7.2	6.4	—	✓	✓	1	1	23.5	26.3	2.8	1	9/20/97
13	2 Sept 97	[illegible]	—	—	—	—	✓	✓	2	1	23.5	27.3	3.8	2	9/20/97
14	9/3/97	[illegible]	—	—	—	—	✓	✓	3	1	23.8	26.5	2.7	3	
15	9/4/97	[illegible]	—	—	—	—	✓	✓	4	1	24.0	27.1	3.1	4	
16	9/5/97	RA	—	—	—	—	✓	—	5	1	23.7	26.9	3.2	5	
17	9/6/97	RA	—	—	—	—	✓	—	6	1	23.3	27.4	4.1	6	
18	~~9/7/97~~	9/7/97 [illegible]	~~20~~	~~8.7.3~~	—	—	✓	✓	7	1	23.2	~~24.8~~ 25.2	2.0	7	
19	9/8/97	[illegible]	—	—	—	—	✓	✓	8	1	23.4	25.9	2.5	8	
20	9/9/97	[illegible]	20	8.3	—	—	✓	✓	9	1	24.1	26.5	2.4	9	
21	9/10/97	[illegible]	—	—	—	—	✓	✓	10	1	23.2	25.9	2.7	10	
22	9/11/97	[illegible]	20	8.1	8.0	—	—	—	11	—	23.0	—	—	11	—
23	9/12/97	LW	—	—	—	—	✓	—	12	—	23.3	—	—	12	—
24	9/13/97	DJ	—	—	—	—	✓	—							
25	9/14/97	DJ	—	—	—	—	✓	—							
26	9/15/97	[illegible]	—	—	—	—	✓	—							
27	9/16/97	[illegible]	—	—	—	—	✓	—							
28	9/17/97	[illegible]	—	—	—	—	✓	—							
29	9/18/97	[illegible]	—	—	—	—	✓	—							
30		[illegible]	—	—	—	—	✓	—							

Project #: 119-1826

Site #: 41, 5 0302

Animal Batch #: CT-97-02

Comments:

17%

5=91%

Chironomus tetans 28 - Day								
Day	Date 1 Sept 97	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X
12	~~8/29/97~~	BF	20	7.2	6.3	—	✓	—
13	9/2/97	BF	20	—	—	—	✓	✓
14	9/3/97	BF	—	—	—	—	✓	✓
15	9/4/97	BF	—	—	—	—	✓	✓
16	9/5/97	BF	—	—	—	—	✓	✓
17	9/6/97	RA	—	—	—	—	✓	✓
18	9/7/97	RA	—	—	—	—	✓	✓
19	9/8/97	BF	20	7.6	—	—	✓	✓
20	9/9/97	BF	—	7.4	—	—	✓	✓
21	9/10/97	BF	—	—	—	—	✓	✓
22	9/11/97	BF	20	7.5	7.8	—	—	—
23	9/12/97	SW	—	—	—	—	✓	—
24	9/13/97	DJ	—	—	—	—	✓	—
25	9/14/97	DJ	—	—	—	—	✓	—
26	9/15/97	BF	—	—	—	—	✓	—
27	9/16/97	BF	—	—	—	—	✓	—
28	9/17/97	BF	—	—	—	—	✓	—
29	9/18/97	BF	—	—	—	—	✓	—
30	9/19/97	BF	—	—	—	—	✓	—

Survival, Growth					Emergence	
Rep.	# Alive	Tare Wt. (mg) 9/9	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
1	1	23.5	25.8	2.3	1	
2	1	23.8	25.6	1.8	2	
3	1	23.9	24.8	0.9	3	
4	1	23.9	26.5	2.6	4	
5	1	24.3	26.8	2.5	5	
6	1	23.9	26.1	2.2	6	
7	1	24.0	24.3	0.3	7	
8	1	24.3	26.3	2.0	8	
9	1	24.3	26.2	1.9	9	
10	1	23.9	26.7	2.8	10	
11	1	24.0	26.3	2.[illegible]	11	
12	—	24.0	—	—	12	—

Project #: 119-1827

Site #: 41, 0307

Animal Batch #: CT-97-02

Comments:

08

S = 83%

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date 1 Sept 97	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	~~8/31/97~~	BJ	20	7.2	7.0	—	✓	—	1	1	24.2	24.9	0.7	1	
13	2 Sept 97	BJ	20	—	—	—	✓	✓	2	1	23.6	25.5	1.9	2	
14	9/3/97	BJ	—	—	—	—	✓	✓	3	1	23.8	24.8	1.0	3	
15	9/4/97	BJ	—	7.8	—	—	✓	✓	4	1	23.4 BJ	23.5	0.1	4	
16	9/5/97	BJ	—	—	—	—	✓	✓	5	1	23.9	25.9	2.0	5	
17	9/6/97	BJ	—	—	—	—	✓	✓	6	1	24.0	25.6	1.6	6	
18	9/7/97	RA	—	—	—	—	✓	—	7	1	24.2	25.5	1.3	7	
19	9/8/97	RA	—	—	—	—	✓	—	8	1	23.0	24.5	1.5	8	
20	9/9/97	BJ	20	7.8	—	—	✓	✓	9	1	24.2	25.1	0.9	9	
21	9/10/97	BJ	—	—	—	—	✓	✓	10	1	24.3	26.2	1.9	10	
22	9/11/97	BJ	20	7.9	8.1	—	BJ ✓	—	11	—	23.2	—	—	11	—
23	9/12/97	LW	—	—	—	—	✓	—	12	—	24.2	—	—	12	—
24	9/13/97	DJ	—	—	—	—	✓	—							
25	9/14/97	DJ	—	—	—	—	✓	—							
26	9/15/97	BJ	—	—	—	—	✓	—							
27	9/16/97	BJ	—	—	—	—	✓	—							
28	9/17/97	BJ	—	—	—	—	✓	—							
29	9/18/97	BJ	—	—	—	—	✓	—							
30	9/19/97	BJ	—	—	—	—	✓	—							

Project #: 119-1828

Site #: 41, 7501

Animal Batch #: Ct-97-02

Comments:

02

Sur/gri

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	11	1	12
302	10	2	12
TOTAL	21	3	24

CRITICAL FISHERS VALUE (12,12,11) (p=0.05) IS 6. b VALUE IS 10.
Since b is greater than 6 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	11	1	12
307	11	1	12
TOTAL	22	2	24

CRITICAL FISHERS VALUE (12,12,11) (p=0.05) IS 6. b VALUE IS 11.
Since b is greater than 6 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	11	1	12
7501	10	2	12

TOTAL	21	3	24

CRITICAL FISHERS VALUE (12,12,11) (p=0.05) IS 6. b VALUE IS 10.
Since b is greater than 6 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

SUMMARY OF FISHERS EXACT TESTS

GROUP	IDENTIFICATION	NUMBER EXPOSED	NUMBER DEAD	SIG (P=.05)
	CONTROL	12	1	
1	302	12	2	
2	307	12	1	
3	7501	12	2	

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	NUMBER OF TOTAL ANIMALS
CONTROL	0	3	3
3	0	3	3
TOTAL	0	6	6

CRITICAL FISHERS VALUE (3,3,0) (p=0.05) IS 0. b VALUE IS 0.
Since b is less than or equal to 0 there is a significant difference between CONTROL and TREATMENT at the 0.05 level.

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	NUMBER OF TOTAL ANIMALS
CONTROL	0	3	3
3	0	3	3

Ct sur/gu

Chiron.tentans 9/1-9/11/97
File: 119ct2.gwt Transform: NO TRANSFORMATION

Shapiro Wilks test for normality

D = 20.001

W = 0.968

Critical W (P = 0.05) (n = 42) = 0.942
Critical W (P = 0.01) (n = 42) = 0.922

Data PASS normality test at P=0.01 level. Continue analysis.

Chiron.tentans 9/1-9/11/97
File: 119ct2.gwt Transform: NO TRANSFORMATION

Bartletts test for homogeneity of variance

Calculated B statistic = 1.30
Table Chi-square value = 11.34 (alpha = 0.01)
Table Chi-square value = 7.81 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 9.50
Used for Chi-square table value ==> df (#groups-1) = 3

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

Chiron.tentans 9/1-9/11/97
File: 119ct2.gwt Transform: NO TRANSFORMATION

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	3	16.577	5.526	10.499
Within (Error)	38	20.001	0.526	
Total	41	36.578		

Critical F value = 2.92 (0.05,3,30)
Since F > Critical F REJECT Ho:All groups equal

Chiron.tentans 9/1-9/11/97
File: 119ct2.gwt Transform: NO TRANSFORMATION

BONFERRONI T-TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	F18	2.664	2.664		
2	0302	2.930	2.930	-0.840	
3	0307	1.964	1.964	2.263	*
4	7501	1.290	1.290	4.333	*

Bonferroni T table value = 2.21 (1 Tailed Value, P=0.05, df=38,3)

Chiron.tentans 9/1-9/11/97
File: 119ct2.gwt Transform: NO TRANSFORMATION

BONFERRONI T-TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	F18	11			
2	0302	10	0.700	26.3	-0.266
3	0307	11	0.683	25.7	0.700
4	7501	10	0.700	26.3	1.374

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/30/97	[illegible]	21	7.2	7.4	—	✓	—	1	1	24.1	25.8	1.78	1	
13	10/1/97	[illegible]	—	—	—	—	✓	—	2	1	24.3	26.7	2.4	2	
14	10/2/97	[illegible]	21	—	—	—	✓	—	3	1	24.0	25.9	1.9	3	
15	10/3/97	[illegible]	21	—	—	—	✓	—	4	1	23.9	25.3	1.4	4	
16	10/4/97	RA	21	—	—	—	✓	—	5	1	24.1	26.3	2.2	5	
17	10/5/97	RA	21	-	—	—	✓	—	6	1	23.6	27.5	3.9	6	
18	10/6/97	[illegible]	21	—	—	—	✓		7	1	24.4	28.2	3.8	7	
19	10/7/97	[illegible]	21	-	—	—	✓	—	8	1	24.3	~~25.9~~ 26.3	2.0	8	
20	10/8/97	[illegible]	21	-	-	—	✓	—	9	1	24.3	~~26~~ 27.2	2.9	9	
21	10/9/97	[illegible]	21	-	—	-	✓		10	1	23.9	26.9	3.0	10	
22	10/10/97	[illegible]	21	7.4	7.0	-	✓	-	11	1	23.2	26.3	3.1	11	
23									12	1	23.4	26.0	2.6	12	
24															
25															
26															
27															
28															
29															
30															

Project #: 119

Site #: F-18 (control)

Animal Batch #: Ct-97-04

Comments: ~12 day old larvae

Ave. weight (initial) = 0.19 mg

Chironomus tetans 28 - Day								
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X
12	9/30/97	[illegible]	21	7.2	7.4	—	✓	—
13	10/1/97	[illegible]	—	—	—	—	✓	—
14	10/2/97	[illegible]	—	—	—	—	✓	—
15	10/3/97	[illegible]	—	—	—	—	✓	—
16	10/4/97	RA	—	—	—	—	✓	—
17	10/5/97	RA	—	—	—	—	✓	—
18	10/6/97	[illegible]	21	—	—	—	✓	—
19	10/7/97	[illegible]	21	—	—	—	✓	—
20	10/8/97	[illegible]	21	—	—	—	✓	—
21	10/9/97	[illegible]	21	—	—	—	✓	—
22	10/10/97	[illegible]	21	7.4	7.0	—	✓	—
23								
24								
25								
26								
27								
28								
29								
30								

Survival, Growth					Emergence	
Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
1	1	23.4	25.2	1.8	1	
2	1	23.6	25.9	2.3	2	
3	1	23.8	26.2	2.4	3	
4	1	23.5	27.5	4.0	4	
5	1	23.8	25.9	2.1	5	
6	1	23.9	28.3	4.4	6	
7	1	23.8	26.5	1.7	7	
8	1	23.9	26.4	2.5	8	
9	1	24.3	~~[illegible]~~ 27.1	2.8	9	
10	1	24.6	25.9	1.3	10	
11	1	23.8	26.5	2.7	11	
12	1	24.4	28.0	3.6	12	

Project #: 119

Site #: SA04

Animal Batch #: Ct-97-04

Comments:

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/30/97	[illegible]	21	7.2	7.4	—	✓	—	1	1	24.8	26.4	1.6	1	
13	10/1/97	[illegible]	—	—	—	—	✓	—	2	1	24.2	24.7	0.5	2	
14	10/2/97	[illegible]	21	—	—	—	✓	—	3	1	23.7	25.3	1.6	3	
15	10/3/97	[illegible]	21	—	—	—	✓	—	4	1	23.3	26.4	3.1	4	
16	10/4/97	RA	21	—	—	—	✓	—	5	1	24.1	24.3	[illegible] 0.2	5	
17	10/5/97	RA	21	—	—	—	✓	—	6	1	24.1	25.5	1.4	6	
18	10/6/97	[illegible]	21	—	—	—	✓	—	7	1	23.7	26.0	2.3	7	
19	10/7/97	[illegible]	21	—	—	—	✓	—	8	1	24.3	25.1	0.8	8	
20	10/8/97	[illegible]	21	—	—	—	✓	—	9	1	23.9	26.3	2.4	9	
21	10/9/97	[illegible]	21	—	—	—	✓	—	10	1	23.4	25.2	1.8	10	
22	10/10/97	[illegible]	21	7.4	7.0		✓		11	1	23.4	[illegible] 25.1	1.7	11	
23									12	1	22.9	24.2	1.2	12	
24															
25															
26															
27															
28															
29															
30															

Project #: 119

Site #: SA05

Animal Batch #: Ct-97-04

Comments:

Chironomus tetans 28 - Day									Survival, Growth					Emergence	
Day	Date	By	T °C	pH	DO mg/L	S‰	Fed	H_2O-X	Rep.	# Alive	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Rep.	Date
12	9/30/97	BJP	21	7.2	7.4	—	✓	—	1	ϕ	23.3	—	—	1	
13	10/1/97	BJP	—	—	—	—	✓	—	2	ϕ	23.3	—	—	2	
14	10/2/97	BJP	21	—	—	—	✓	—	3	~~26~~ 1	23.5	26.3	2.8	3	
15	10/3/97	BJP	21	—	—	—	✓	—	4	1	23.9	25.3	1.4	4	
16	10/4/97	RA	21	—	—	—	✓	—	5	1	73.7 *	76.3	2.6	5	
17	10/5/97	RA	21	—	—	—	✓	—	6	1	77.5 *	81.2	3.7	6	
18	10/6/97	BJP	21	—	—	—	✓	—	7	1	78.5 *	83.1	4.6	7	
19	10/7/97	BJP	21	—	—	—	✓	—	8	1	73.7 *	77.2	3.5	8	
20	10/8/97	BJP	21	—	—	—	✓	—	9	1	80.3 *	83.1	2.8	9	
21	10/9/97	BJP	21	—	—	—	✓	—	10	1	~~88.4~~ 87.4 *	91.3	3.9	10	
22	10/10/97	BJP	21	7.4	7.0	—	✓	—	11	1	82.6 *	85.5	2.9	11	
23									12	1	66.2 *	68.1	1.9	12	
24															
25															
26															
27															
28															
29															
30															

Project #: 119

Site #: 5A06

Animal Batch #: Ct-97-04

Comments: * Had to use foil weigh boats because we were out of flat filter paper

J. Sur/wt

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	12	0	12
5A04	12	0	12
TOTAL	24	0	24

CRITICAL FISHERS VALUE (12,12,12) (p=0.05) IS 8. b VALUE IS 12.
Since b is greater than 8 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	12	0	12
5A05	12	0	12
TOTAL	24	0	24

CRITICAL FISHERS VALUE (12,12,12) (p=0.05) IS 8. b VALUE IS 12.
Since b is greater than 8 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

FISHERS EXACT TEST

IDENTIFICATION	NUMBER OF ALIVE	NUMBER OF DEAD	TOTAL ANIMALS
CONTROL	12	0	12
5A06	10	2	12

TOTAL	22	2	24

CRITICAL FISHERS VALUE (12,12,12) (p=0.05) IS 8. b VALUE IS 10.
Since b is greater than 8 there is no significant difference between CONTROL and TREATMENT at the 0.05 level.

SUMMARY OF FISHERS EXACT TESTS

GROUP	IDENTIFICATION	NUMBER EXPOSED	NUMBER DEAD	SIG (P=.05)
	CONTROL	12	0	
1	5A04	12	0	
2	5A05	12	0	
3	5A06	12	2	

Chiron.tentans 9/~~26~~30-10/~~15~~10/97
File: 119ct.gwt Transform: NO TRANSFORMATION

Shapiro Wilks test for normality

D = 32.102

W = 0.958

Critical W (P = 0.05) (n = 46) = 0.945
Critical W (P = 0.01) (n = 46) = 0.927

Data PASS normality test at P=0.01 level. Continue analysis.

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

Bartletts test for homogeneity of variance

Calculated B statistic = 0.58
Table Chi-square value = 11.34 (alpha = 0.01)
Table Chi-square value = 7.81 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 10.50
Used for Chi-square table value ==> df (#groups-1) = 3

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	3	11.381	3.794	4.963
Within (Error)	42	32.102	0.764	
Total	45	43.484		

Critical F value = 2.84 (0.05,3,40)
Since F > Critical F REJECT Ho:All groups equal

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

DUNNETTS TEST

****** WARNING ******

This data set has unequal replicates. The Bonferroni T-test should be used instead of the Dunnetts test.

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	F18	2.583	2.583		
2	5A04	2.633	2.633	-0.140	
3	5A05	1.550	1.550	2.895	*
4	5A06	2.810	2.810	-0.606	

Dunnett table value = 2.13 (1 Tailed Value, P=0.05, df=40,3)

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	F18	12			
2	5A04	12	0.760	29.4	-0.050
3	5A05	12	0.760	29.4	1.033
4	5A06	10	0.797	30.9	-0.227

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	3	11.381	3.794	4.963
Within (Error)	42	32.102	0.764	
Total	45	43.484		

Critical F value = 2.84 (0.05,3,40)
Since F > Critical F REJECT Ho:All groups equal

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

BONFERRONI T-TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	F18	2.583	2.583		
2	5A04	2.633	2.633	-0.140	
3	5A05	1.550	1.550	2.895	*
4	5A06	2.810	2.810	-0.606	

Bonferroni T table value = 2.21 (1 Tailed Value, P=0.05, df=40,3)

Chiron.tentans 9/26-10/15/97
File: 119ct.gwt Transform: NO TRANSFORMATION

BONFERRONI T-TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	F18	12			
2	5A04	12	0.787	30.5	-0.050
3	5A05	12	0.787	30.5	1.033

4	5A06	10	0.825	32.0	-0.227

Leptochierus plumulosus 10 - Day									Survival			
Day	Date	By	T°C	pH	DO mg/L	S‰	Fed	H_2O - X	Rep.	# Alive	# NF	% Survival
0	9/23/97	[illegible]	21	7.8	7.0	20	—	—	1	20	0	100
1	9/24/97	[illegible]	—	—	—	—	—	—	2	19	1	95
2	9/25/97	[illegible]	21	7.7	7.0	20	—	—	3	19	1	95
3	9/26/97	[illegible]	—	—	—	—	—	—	4	20	0	100
4	9/27/97	[illegible]	21	—	—	—	—	—	5	20	0	100
5	9/28/97	[illegible]	21	—	—	—	—	—				
6	9/29/97	[illegible]	21	7.9	7.7	20	—	—				
7	9/30/97	[illegible]	21	—	—	—	—	—				
8	10/1/97	[illegible]	21	—	—	—	—	—				
9	10/2/97	[illegible]	21	—	—	—	—	—				
10	10/3/97	[illegible]	21	7.9	7.4	.	.					

Project #: 119 (EnSafe)

Site #: C-17 (control)

Animal Batch #: LP-97-02

Size - 2-4 mm (initial)

98% CV=2.1

Comments:

Leptochierus plumulosus 10 - Day								
Day	Date	By	T°C	pH	DO mg/L	S‰	Fed	H_2O - X
0	9/23/97	[illegible]	21	7.9	7.0	20	—	—
1	9/24/97	[illegible]	—	—	—	—	—	—
2	9/25/97	[illegible]	21	7.7	6.9	20	—	—
3	9/26/97	[illegible]	—	—	—	—	—	—
4	9/27/97	[illegible]	21	—	—	—	—	—
5	9/28/97	[illegible]	21	—	—	—	—	—
6	9/29/97	[illegible]	21	7.8	7.7	20	—	—
7	9/30/97	[illegible]	21	—	—	—	—	—
8	10/1/97	[illegible]	21	—	—	—	—	—
9	10/2/97	[illegible]	21	—	—	—	—	—
10	10/3/97	[illegible]	21	7.9	7.4	—	—	—

Survival			
Rep.	# Alive	# NF	% Survival
1	18	2	90
2	19	1	95
3	17	3	85
4	20	—	100
5	19	1	95

93% CV = 5.7%

Project #: 119 (Enseta)

Site #: C403

Animal Batch #: LP-97-02

Comments:

	Neanthes arenaceodentata 20 - Day								
	Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
T	0	9/16/97	BF	21	7.9	7.7	28	—	—
W	1	9/17/97	BF	21	—	—	—	✓	—
T	2	9/18/97	BF	21	7.9	7.7	28	—	—
F	3	9/19/97	BF	21	—	—	—	✓	—
S	4	9/20/97	BF	21	—	—	—	—	—
S	5	9/21/97	BF	21	—	—	—	—	—
M	6	9/22/97	BF	21	—	—	—	✓	—
T	7	9/23/97	BF	21	7.8	7.0	—	—	X
W	8	9/24/97	BF	21	—	—	—	✓	—
T	9	9/25/97	BF	21 ~~27.9~~	7.9	7.8	28	—	—
F	10	9/26/97	BF	21	—	—	—	✓	—
S	11	9/27/97	BF	21	—	—	—	—	—
S	12	9/28/97	BF	21	—	—	—	—	—
M	13	9/29/97	BF	21	7.5	5.8	—	✓	—
T	14	9/30/97	BF	21	—	—	—	—	—
W	15	10/1/97	BF	21	—	—	—	✓	X
T	16	10/2/97	BF	21	7.8	7.2	—	—	X BF
F	17	10/3/97	BF	21	—	—	—	✓	—
S	18	10/4/97	BF	21	—	—	—	—	—
S	19	10/5/97	BF	21	—	—	—	—	—
M	20	10/6/97	BF	21	7.9	7.4	—	—	—

Survival, Growth						
Rep.	# Alive	% Survival	Tare ~~Wt. (mg)~~ g	Gross ~~Wt. (mg)~~ g	Net Wt. (mg)	Individual Wt. (mg)
1	5	100	10203	1.0679	47.6	9.5
2	5	100	10174	1.0633	45.9	9.2
3	5	100	992.5	1.0279	35.4	7.1
4	5	100	990.4	1.0186	38.2	7.6
5	5	100	990.1	1.0264	46.3	9.3

Project #: 119

Site #: C-17

Animal Batch #: Na-97-02

Comments:

	Neanthes arenaceodentata 20 - Day								
	Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
T	0	9/16/97	[illegible]	21	7.9	7.2	26	—	—
W	1	9/17/97	[illegible]	21	—	—	—	✓	—
T	2	9/18/97	[illegible]	21	7.8	7.0	26	—	—
F	3	9/19/97	[illegible]	21	—	—	—	✓	—
S	4	9/20/97	[illegible]	21	—	—	—	—	—
S	5	9/21/97	[illegible]	21	—	—	—	—	—
M	6	9/22/97	[illegible]	21	—	—	—	✓	—
T	7	9/23/97	[illegible]	21	7.9	7.0	27		X
W	8	9/24/97	[illegible]	21	—	—	—	✓	—
T	9	9/25/97	[illegible]	21	7.9	7.4	28	—	—
F	10	9/26/97	[illegible]	21	—	—	—	✓	—
S	11	9/27/97	[illegible]	21	—	—	—	—	—
S	12	9/28/97	[illegible]	21	—	—	—	—	—
M	13	9/29/97	[illegible]	21	7.7	5.8	—	✓	—
T	14	9/30/97	[illegible]	21	~~7.83~~	—	—	—	—
W	15	10/1/97	[illegible]	21	7.8	6.9	—	✓	X
T	16	10/2/97	[illegible]	21	—	—	—	—	—
F	17	10/3/97	[illegible]	21	—	—	—	✓	—
S	18	10/4/97	[illegible]	—	—	—	—	—	—
S	19	10/5/97	[illegible]	—	—	—	—	—	—
M	20	10/6/97	[illegible]	21	7.9	6.8	—	—	—

Rep.	# Alive	% Survival	Tare ~~Wt. (mg)~~ g	Gross ~~Wt. (mg)~~ g	Net Wt. (mg)	Individual Wt. (mg)
1	4	80	1015.7	1.0584	42.7	~~8.5~~ 10.7
2	4	80	1025.8	1.0729	47.1	11.8
3	5	100	1027.7	1.0809	53.2	10.6
4	5	100	1032.0	1.0741	42.1	8.4
5	5	100	1031.4	1.0923	60.9	12.2

Project #: 119

Site #: 3301

Animal Batch #: Na-97-02

Comments:

1

	Neanthes arenaceodentata 20 - Day								
	Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
T	0	9/16/97	[illegible]	21	8.0	7.2	26	—	—
N	1	9/17/97	[illegible]	21	—	—	—	✓	—
T	2	9/18/97	[illegible]	21	7.9	7.2	26	—	—
F	3	9/19/97	[illegible]	21	—	—	—	✓	—
S	4	9/20/97	[illegible]	21	—	—	—	—	—
S	5	9/21/97	[illegible]	21	—	—	—	—	—
M	6	9/22/97	[illegible]	21	—	—	—	✓	—
T	7	9/23/97	[illegible]	21	7.8	7.0	27	—	X
W	8	9/24/97	[illegible]	21	—	—	—	✓	—
T	9	9/25/97	[illegible]	21	7.8	7.0	28	—	—
F	10	9/26/97	[illegible]	21	—	—	—	✓	—
S	11	9/27/97	[illegible]	21	—	—	—	—	—
S	12	9/28/97	[illegible]	21	—	—	—	—	—
M	13	9/29/97	[illegible]	21	7.7	5.2	—	✓	—
T	14	9/30/97	[illegible]	21	7.8	7.0	—	✓	X
W	15	10/1/97	[illegible]	21	—	—	—	✓	X
T	16	10/2/97	[illegible]	21	—	—		—	—
F	17	10/3/97	[illegible]	21	—	—	—	✓	—
S	18	10/4/97	[illegible]	—	—	—	—	—	—
S	19	10/5/97	[illegible]	—	—	—		—	—
M	20	10/6/97	[illegible]	21	7.9	7.2	—	—	—

Survival, Growth						
Rep.	# Alive	% Survival	Tare g Wt. (mg)	Gross g Wt. (mg)	Net Wt. (mg)	Individual Wt. (mg)
1	5	100	1.0251	1.0854	60.3	12.1
2	5	100	1.0317	1.0882	56.5	11.3
3	5	100	1.0447	1.0915	46.8	9.4
4	5	100	1.0510	1.0986	47.6	9.5
5	5	100	1.0663	1.1073	41.0	8.2

Project #: 119

Site #: 3302

Animal Batch #: Na-97-02

Comments:

(4)

	Neanthes arenaceodentata 20 - Day									
	Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
T	0	9/16/97	[illegible]	21	7.8	7.2	26	—	—
W	1	9/17/97	[illegible]	21	—	—	—	✓	—
T	2	9/18/97	[illegible]	21	7.8	7.0	26	—	—
F	3	9/19/97	[illegible]	21	—	—	—	✓	—
S	4	9/20/97	[illegible]	21	—	—	—	—	—
S	5	9/21/97	[illegible]	21	—	—	—	—	—
M	6	9/22/97	[illegible]	21	—	—	—	✓	—
T	7	9/23/97	[illegible]	21	7.9	7.0	27	—	X
W	8	9/24/97	[illegible]	21	—	—	—	✓	—
T	9	9/25/97	[illegible]	21	7.8	7.4	28	—	—
F	10	9/26/97	[illegible]	21	—	—	—	✓	—
S	11	9/27/97	[illegible]	21	—	—	—	—	—
S	12	9/28/97	[illegible]	21	—	—	—	—	—
M	13	9/29/97	[illegible]	21	8.1	5.8	—	✓	—
T	14	9/30/97	[illegible]	21	—	—	—	—	—
W	15	10/1/97	[illegible]	21	7.8	7.0	28	✓	X
T	16	10/2/97	[illegible]	21	—	—	—	✓	—
F	17	10/3/97	[illegible]	21	—	—	—	✓	—
S	18	10/4/97	[illegible]	—	—	—	—	—	—
S	19	10/5/97	[illegible]	—	—	—	—	—	—
M	20	10/6/97	[illegible]	21	7.9	7.2	—	—	—

Survival, Growth						
Rep.	# Alive	% Survival	Tare Wt. (mg) g	Gross Wt. (mg) g	Net Wt. (mg)	Individual Wt. (mg)
1	5	1017.5	100	1.0551	37.6	7.5
2	5	1015.7	100	1.0517	36.0	7.2
3	5	1003.5	100	1.0514	47.9	9.6
4	5	1013.1	100	1.0673	54.2	10.8
5	5	1017.0	100	1.0518	34.8	7.0

Project #: 119

Site #: 18 B1

Animal Batch #: Na-97-02

Comments:

(2)

Neanthes arenaceodentata 20 - Day								
Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
0	9/16/97	[illegible]	21	7.9	7.6	27	—	—
1	9/17/97	[illegible]	21	—	—	—	✓	—
2	9/18/97	[illegible]	21	7.9	7.7	27	—	—
3	9/19/97	[illegible]	21	—	—	—	✓	—
4	9/20/97	[illegible]	21	—	—	—	—	—
5	9/21/97	[illegible]	21	—	—	—	—	—
6	9/22/97	[illegible]	21	—	—	—	✓	—
7	9/23/97	[illegible]	21	7.9	7.8	—	—	X
8	9/24/97	[illegible]	21	—	—	—	✓	—
9	9/25/97	[illegible]	21	7.9	7.7	27	—	—
10	9/26/97	[illegible]	21	—	—	—	✓	—
11	9/27/97	[illegible]	21	—	—	—	—	—
12	9/28/97	[illegible]	21	—	—	—	—	—
13	9/29/97	[illegible]	21	7.7	5.8	—	✓	—
14	9/30/97	[illegible]	21	—	—	—	—	—
15	10/1/97	[illegible]	21	7.8	7.0	—	✓	X
16	10/2/97	[illegible]	21		—	—	—	—
17	10/3/97	[illegible]	21	—	—	—	✓	
18	10/4/97	[illegible]	—	—			—	
19	10/5/97	[illegible]		—	—	—	—	—
20	10/6/97	[illegible]	21	7.9	7.2	—	—	—

Survival, Growth						
Rep.	# Alive	% Survival	Tare Wt. ~~(mg)~~ g	Gross Wt. ~~(mg)~~ g	Net Wt. (mg)	Individual Wt. (mg)
1	5	1027.6	100	1.0528	25.2	5.0
2	5	1024.0	100	1.0691	45.1	9.0
3	5	1020.3	100	1.0553	35	7.0
4	5	1024.0	100	1.0709	46.9	9.4
5	5	1022.1	100	1.0585	36.4	7.3

Project #: 119

Site #: ~~C-17~~ 1603

Animal Batch #: Na-97-02

Comments:

3

Neanthes arenaceodentata 20 - Day								
Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
0	9/16/97	[illegible]	21	8.0	7.6	26	—	—
1	9/17/97	[illegible]	21	—	—	—	✓	—
2	9/18/97	[illegible]	21	8.0	7.3	—	—	—
3	9/19/97	[illegible]	21	—	—	—	✓	—
4	9/20/97	[illegible]	21	—	—	—	—	—
5	9/21/97	[illegible]	21	—	—	—	—	—
6	9/22/97	[illegible]	21	—	—	—	✓	—
7	9/23/97	[illegible]	21	8.3	7.0	27	—	X
8	9/24/97	[illegible]	21	—	—	—	✓	—
9	9/25/97	[illegible]	21	8.2	7.6	27	—	—
10	9/26/97	[illegible]	21	—	—	—	✓	—
11	9/27/97	[illegible]	21	—	—	—	—	—
12	9/28/97	[illegible]	21	—	—		—	—
13	9/29/97	[illegible]	21	8.1	5.3	—	✓	—
14	9/30/97	[illegible]	21	—	—	—		—
15	10/1/97	[illegible]	21	7.8	7.0	—	✓	X
16	10/2/97	[illegible]	21	—	—	—	—	—
17	10/3/97	[illegible]	21	—	—	—	✓	
18	10/4/97	[illegible]	—	—	—	—		—
19	10/5/97	[illegible]	—	—	—	—	—	—
20	10/6/97	[illegible]	21	7.8	7.2	—	—	—

Survival, Growth						
Rep.	# Alive	% Survival	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Individual Wt. (mg)
1	5	1013.3	100	1.0628	49.5	9.9
2	5	1009.0	100	1.0588	49.8	9.7
3	5	1007.3	100	1.0385	34.2	6.8
4	5	1010.3	100	1.0430	32.7	6.5
5	5	1012.0	100	1.0486	36.6	7.3

Project #: 119

Site #: 1604

Animal Batch #: Na-97-02

Comments:

7

Neanthes arenaceodentata 20 - Day								
Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
0	9/16/97	[illegible]	21	8.0	7.5	26	—	—
1	9/17/97	[illegible]	21	—	—	—	✓	—
2	9/18/97	[illegible]	21	8.0	7.7	27	—	—
3	9/19/97	[illegible]	21	—	—	—	✓	—
4	9/20/97	[illegible]	21	—	—	—	—	—
5	9/21/97	[illegible]	21	—	—	—	—	—
6	9/22/97	[illegible]	21	—	—	—	✓	—
7	9/23/97	[illegible]	21	8.1	7.0	27	—	X
8	9/24/97	[illegible]	21	—	—	—	✓	—
9	9/25/97	[illegible]	21	8.0	7.4	—	—	—
10	9/26/97	[illegible]	21	—	—	—	✓	—
11	9/27/97	[illegible]	21	—	—	—	—	—
12	9/28/97	[illegible]	21	—	—	—	—	—
13	9/29/97	[illegible]	21	—	—	—	✓	—
14	9/30/97	[illegible]	21	7.7	5.2	—	—	—
15	10/1/97	[illegible]	21	7.8	7.0	—	✓	X
16	10/2/97	[illegible]	21	—	—	—	—	—
17	10/3/97	[illegible]	21	—	—	—	✓	—
18	10/4/97	[illegible]	—	—	—	—	—	—
19	10/5/97	[illegible]	—	—	—	—	—	—
20	10/6/97	[illegible]	21	7.9	7.2	—	—	—

96% CV = 8.9 Survival, Growth						
Rep.	# Alive	% Survival	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Individual Wt. (mg)
1	5	100	1009.7	1.0455	35.8	7.2
2	5	100	1013.7	1.0494	35.7	7.1
3	5	100	1017.8	1.0613	43.5	8.7
4	4	80	1012.2	1.0421	29.9	7.5
5	5	100	1009.9	1.0412	40.3	8.1

Project #: 119

Site #: 1605

Animal Batch #: Na-97-02

Comments:

(5)

	Neanthes arenaceodentata 20 - Day								
	Day	Date	By	T°C	pH	DO mg/L	S ‰	Fed	H_2O
T	0	9/16/97	[illegible]	21	7.8	7.2	26	—	—
W	1	9/17/97	[illegible]	21				✓	—
T	2	9/18/97	[illegible]	21	7.9	7.2	26	—	—
F	3	9/19/97	[illegible]	21	—	—	—	✓	—
S	4	9/20/97	[illegible]	21	—	—	—	—	—
S	5	9/21/97	[illegible]	21	—	—	—	—	—
M	6	9/22/97	[illegible]	21	—	—	—	✓	—
T	7	9/23/97	[illegible]	21	8.3	7.0	28	—	X
W	8	9/24/97	[illegible]	21	—	—	—	✓	—
T	9	9/25/97	[illegible]	21	7.9	7.4	28	—	—
F	10	9/26/97	[illegible]	21	—	—	—	✓	—
S	11	9/27/97	[illegible]	21	—	—	—	—	—
S	12	9/28/97	[illegible]	21	—	—	—	—	—
M	13	9/29/97	[illegible]	21	7.6	5.8	—	✓	—
T	14	9/30/97	[illegible]	—	—	—	—	—	—
W	15	10/1/97	[illegible]	21	7.8	7.0	28	✓	X
T	16	10/2/97	[illegible]	21	—	—	—	—	—
F	17	10/3/97	[illegible]	21	—	—	—	✓	
S	18	10/4/97	[illegible]	—	—	—	—	—	—
S	19	10/5/97	[illegible]	—	—	—	—	—	—
M	20	10/6/97	[illegible]	21	7.9	7.2	—	—	—

88% CV = 17.9 Survival, Growth						
Rep.	# Alive	% Survival	Tare Wt. (mg)	Gross Wt. (mg)	Net Wt. (mg)	Individual Wt. (mg)
1	5	100	1001.5	1.0501	48.6	9.7
2	5	100	996.9	1.0411	44.2	8.8
3	5	100	1025.7	1.0710	45.3	9.1
4	4	80	1028.3	1.0551	26.8	6.7
5	3	60	1025.1	1.0504	25.3	8.4

Project #: 119

Site #: 1606

Animal Batch #: Na-97-02

Comments:

119nean1.gwt

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 2 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	NUM OF REPS	Minimum Sig Diff (IN ORIG. UNITS)	% of CONTROL	DIFFERENCE FROM CONTROL
1	C17	5			
2	3301	5	2.178	25.5	-2.200
3	3302	5	2.178	25.5	-1.560
4	18B1	5	2.178	25.5	0.120
5	1603	5	2.178	25.5	0.500
6	1604	5	2.178	25.5	0.500
7	1605	5	2.178	25.5	0.820
8	1606	5	2.178	25.5	0.000

File: 119na.gwt Transform: NO TRANSFORMATION

Bartletts test for homogeneity of variance

Calculated B statistic = 4.00
Table Chi-square value = 18.48 (alpha = 0.01)
Table Chi-square value = 14.07 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 4.00
Used for Chi-square table value ==> df (#groups-1) = 7

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

ANOVA TABLE

SOURCE	DF	SS	MS	F
Between	7	40.232	5.747	2.908
Within (Error)	32	63.236	1.976	
Total	39	103.468		

Critical F value = 2.33 (0.05,7,30)
Since F > Critical F REJECT Ho:All groups equal

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

DUNNETTS TEST - TABLE 1 OF 2 Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	MEAN CALCULATED IN ORIGINAL UNITS	T STAT	SIG
1	C17	8.540	8.540		
2	3301	10.740	10.740	-2.474	
3	3302	10.100	10.100	-1.755	
4	18B1	8.420	8.420	0.135	
5	1603	8.040	8.040	0.562	
6	1604	8.040	8.040	0.562	
7	1605	7.720	7.720	0.922	
8	1606	8.540	8.540	0.000	

Dunnett table value = 2.45 (1 Tailed Value, P=0.05, df=30,7)

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

Shapiro Wilks test for normality

D = 63.236

W = 0.953

Critical W (P = 0.05) (n = 40) = 0.940
Critical W (P = 0.01) (n = 40) = 0.919

Data PASS normality test at P=0.01 level. Continue analysis.

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

Bartletts test for homogeneity of variance

Calculated B statistic = 4.00
Table Chi-square value = 18.48 (alpha = 0.01)
Table Chi-square value = 14.07 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 4.00
Used for Chi-square table value ==> df (#groups-1) = 7

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

Neanthes arena. growth 9/16-10/6/97
File: 119na.gwt Transform: NO TRANSFORMATION

Shapiro Wilks test for normality

D = 63.236

W = 0.953

Critical W (P = 0.05) (n = 40) = 0.940
Critical W (P = 0.01) (n = 40) = 0.919

Data PASS normality test at P=0.01 level. Continue analysis.

Neanthes arena. growth 9/16-10/6/97

APPENDIX B

APPENDIX B

Summary of test conditions and results of the monthly reference toxicity test for the fathead minnow (*Pimephales promelas*) to the reference toxicant, Sodium dodecyl Sulfate, in a 48 hour static acute test.

Source of test animal:	In-House
Lot number and age of animals used:	PP-97-18, 8 days old
Control and dilution water:	Reconstituted freshwater
Test material description:	White powder
Concentration (ppm) of SDS tested:	Control, 1.0, 2.0, 4.0, 8.0, and 16.0 ppm
Effect criterion:	Mortality

Results of 48-Hour LC50 Calculations
95% Confidence Limits (mg/L)

Method	48-h LC50	Lower	Upper
Binomial	****	****	****
Moving Avg.	****	****	****
Probit	****	****	****
Logit	3.09	2.27	4.30
T S-K	****	****	****

Test Dates	Age of Animals (Days)	LC50 Values (milligrams per liter) 48 hr
06-08 Aug 91 (3)	14	8.4(4.0-16.0)
17-19 Oct 91 (4)	3	2.8(2.0-4.0)
13-15 Nov 91 (5)	30	2.9(2.0-4.0)
03-05 Jan 92 (6)	3	2.3(1.0-4.0)
18-20 Feb 92 (7)	15	3.9(3.2-4.7)
24-26 Mar 92 (8)	8	4.8(3.7-6.6)
24-26 Apr 92 (9)	12	5.2(4.0-7.7)
18-20 Jun 92 (10)	13	5.2(4.0-8.0)
25-27 Sep 92 (11)	13	2.5(2.0-4.0)
20-22 Nov 92 (12)	10	2.7(2.0-4.0)
20-22 Jan 93 (13)	11	5.7(4.9-6.6)
16-18 Mar 93 (14)	1	5.3(4.0-8.0)
12-14 May 93 (15)	8	3.5(2.5-5.0)
02-04 Jul 93 (16)	13	5.0(4.0-8.0)
23-25 Sep 93 (17)	12	5.7(4.0-8.0)
18-20 Oct 93 (18)	7	3.2(2.3-4.2)
28-30 Dec 93 (19)	6	3.0(2.4-3.6)
09-11 Feb 94 (20)	7	4.2(3.5-5.0)
18-20 Apr 94 (21)	8	2.8(2.6-3.1)
08-10 Jun 94 (22)	6	5.5(5.1-5.8)

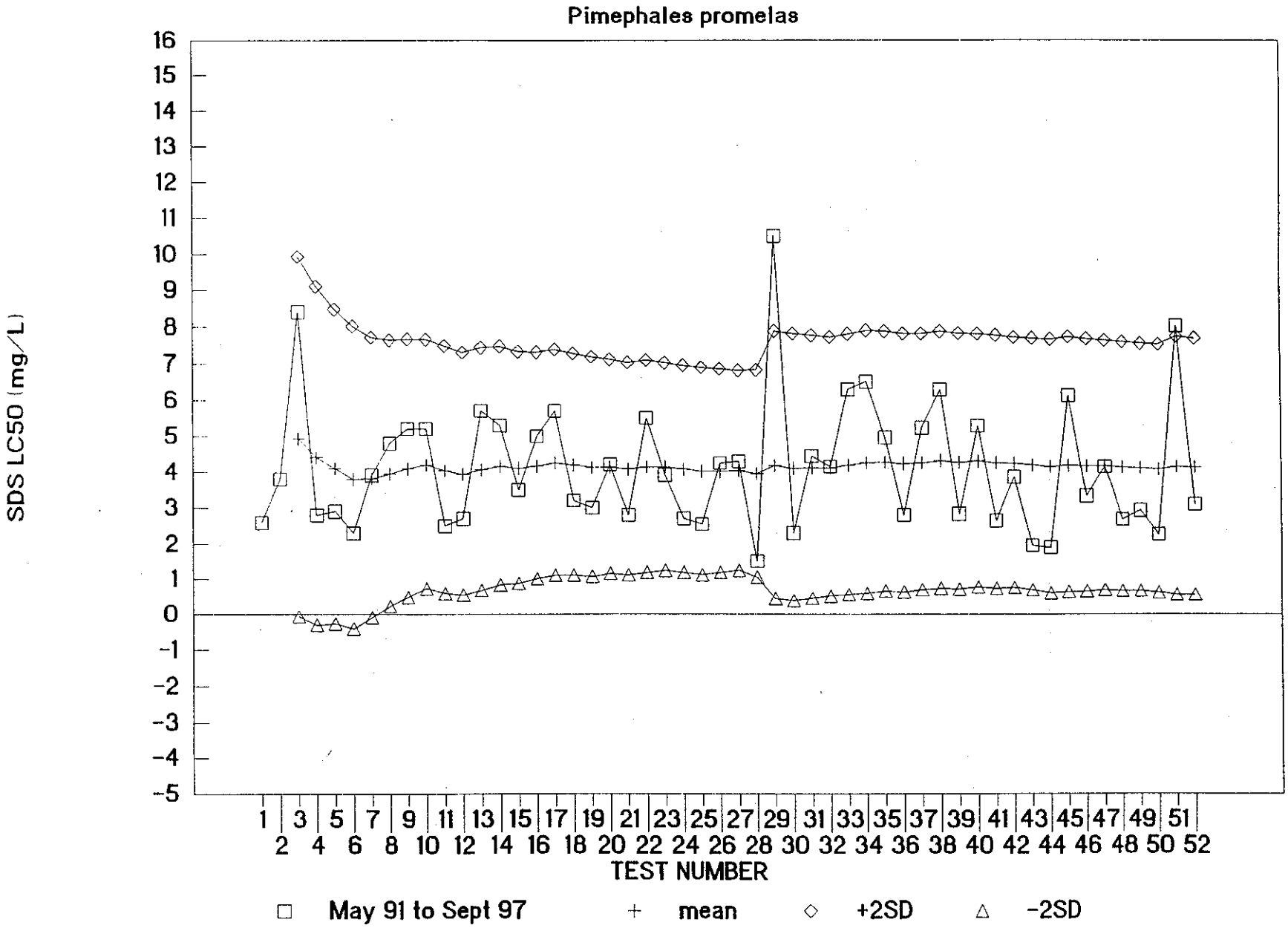
29-01 Jun-Jul 94 (23)	3	3.9(3.3-4.6)
08-11 Nov 94 (24)	12	2.7(2.3-3.2)
21-23 Dec 94 (25)	8	2.6(2.0-4.0)
25-27 Jan 95 (26)	2	4.2(3.5-5.2)
24-26 Feb 95 (27)	4	4.3(3.7-5.0)
11-13 Apr 95 (28)	8	1.5(1.3-1.8)
08-10 May 95 (29)	6	10.2(9.1-11.4)
19-21 Jun 95 (30)	10	2.3(2.0-2.6)
10-12 Jul 95 (31)	13	4.4(3.8-5.2)
16-18 Aug 95 (32)	2-4	4.1(3.5-4.9)
13-15 Sep 95 (33)	15	6.5(5.7-7.4)
13-15 Sep 95 (34)	2	6.3(5.4-7.2)
08-10 Nov 95 (35)	1	4.9(4.3-5.7)
01-03 Dec 95 (36)	4	2.8(2.4-3.2)
09-11 Jan 96 (37)	1	5.2(4.6-6.0)
13-15 Feb 96 (38)	13	6.3(5.6-7.0)
20-22 Mar 96 (39)	8	2.9(1.9-3.4)
25-27 Apr 96 (40)	10	5.3(4.8-5.8)
29-31 May 96 (41)	8	2.7(2.4-2.9)
19-21 Jun 96 (42)	7	3.9(3.2-4.7)
30 Jul-1 Aug 96 (43)	8	1.9(1.4-2.6)
27-29 Aug 96 (44)	3	1.9(1.6-2.3)
25-27 Sep 96 (45)	1	6.1(5.2-7.1)
29-31 Oct 96 (46)	5	3.3(2.7-4.1)
04-06 Dec 96 (47)	6	4.1(3.4-5.0)
03-05 Jan 97 (48)	5	2.7(2.2-3.3)
28-30 Jan 97 (49)	7	2.9(2.5-3.4)
05-07 Mar 97(50)	8	2.3(1.8-2.8)
23-25 Apr 97(51)	7	8.0(NR)
04-06 Sept 97(52)	8	3.1(2.3-4.3)

Reference:

U.S. Environmental Protection Agency. 1993. Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms. Fourth Edition. EPA 600/4-90/027F, Cincinnati, OH.

Hamilton, M. A., R. C. Russo, and R. V. Thurston. 1977. Trimmed Spearman-Karber. Method for Estimating Median Lethal Concentrations in Toxicity Bioassays. Environ. Sci. Technol. 11(7): 714-719; Correction 12(4):417 (1978).

CONTROL CHART



TRIMMED SPEARMAN-KARBER METHOD. VERSION 1.5

DATE: 8/18/97 TEST NUMBER: CdCl DURATION: 48 h
TOXICANT : CdCl
SPECIES: N.arenaceodentata

RAW DATA: --- ----	Concentration (mg/L)	Number Exposed	Mortalities
	.00	10	0
	2.50	10	0
	5.00	10	0
	10.00	10	0
	20.00	10	10
	40.00	10	10

SPEARMAN-KARBER TRIM: .00%

SPEARMAN-KARBER ESTIMATES: LC50: 14.14
95% CONFIDENCE LIMITS
ARE NOT RELIABLE.

TRIMMED SPEARMAN-KARBER METHOD. VERSION 1.5

DATE: 9/8/97 TEST NUMBER: 1 DURATION: 48 h
TOXICANT : CdCl
SPECIES: L.plumulosus

RAW DATA: --- ----	Concentration (mg/L)	Number Exposed	Mortalities
	.00	20	0
	.25	20	0
	.50	20	0
	1.00	20	0
	2.00	20	0
	4.00	20	5
	8.00	20	14

SPEARMAN-KARBER TRIM: 30.00%

SPEARMAN-KARBER ESTIMATES: LC50: 5.88
95% LOWER CONFIDENCE: 4.72
95% UPPER CONFIDENCE: 7.32

Reference toxicant data (48-h LC_{50}) for *Chironomus tentans* using copper sulfate in aqueous solution with a glass bead substrate (20°C, 16h light:8h dark photoperiod).

Date	**LC_{50} (µg/L)**	**95% UCL**	**95% LCL**
27 May 1997	359.10	216.71	595.06
13 June 1997	365.13	288.83	461.60
17 July 1997	578.33	252.50	1324.61

TIERRA CONSULTING,INC.
SEDPET III: SEDIMENTARY PETROLOGY ANALYSIS PROGRAM

ANALYSIS OF SAMPLE: TL-C17

ORGANIC CARBON = 3.94%

SIEVE ANALYSIS

SAMPLE WEIGHT = 15.04

SIEVE SIZE (MICRONS)	SIEVE SIZE (PHI)	SIEVE WT (GRAMS)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
500.00	1.00	.05	.33	99.67	.33
250.00	2.00	.09	.60	99.07	.93
125.00	3.00	.05	.33	98.74	1.26
62.50	4.00	.02	.13	98.60	1.40

HYDROMETER ANALYSIS

VOLUME = 1000.00 ASSUMED SPECIFIC GRAVITY = 2.650

TIME (MINS)	HYDROMETER READING	TEMPERATURE (DEGREES C)	EFFECTIVE DEPTH	TEMPERATURE CORRECTION
1.	14.00	21.50	14.00	.01341
5.	13.50	21.50	14.08	.01341
15.	13.00	21.50	14.16	.01341
60.	11.00	21.50	14.49	.01341
180.	9.00	21.50	14.82	.01341
720.	8.00	21.50	14.98	.01341
1200.	7.50	21.00	15.06	.01349

TIME (MINS)	DIAMETER (MICRONS)	DIAMETER (IN PHI)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
1.	50.18	4.32	5.52	93.09	6.91
5.	22.51	5.47	3.32	89.76	10.24
15.	13.03	6.26	3.32	86.44	13.56
60.	6.59	7.25	13.30	73.14	26.86
180.	3.85	8.02	13.30	59.84	40.16
720.	1.93	9.01	6.65	53.19	46.81
1200.	1.51	9.37	3.32	49.87	50.13

TEXTURAL CLASSIFICATION AND PHI PERCENTILES — SAMPLE TL-C17

SIZE CLASSIFICATION USED: STANDARD GEOLOGICAL SOILS CLASSIFICATION

GRAVEL/SAND CUTOFF	2000.00	MICRONS
SAND/SILT CUTOFF	62.50	MICRONS
SILT/CLAY CUTOFF	4.00	MICRONS

PERCENT GRAVEL	.00
PERCENT SAND	1.40
PERCENT SILT	37.81
PERCENT CLAY	60.80

TEXTURAL DESCRIPTIONS

FOLK'S: MUD
SHEPARD'S: SILTY CLAY
TREFETHEN'S: SILTY CLAY
U.S. ARMY CORPS OF ENGINEERS: CLAY
U.S. BUREAU OF SOILS: CLAY

PHI PERCENTILES

PHI(05)	4.21	PHI	54.15 MICRONS
PHI(16)	6.44	PHI	11.50 MICRONS
PHI(25)	7.11	PHI	7.25 MICRONS
PHI(50)	9.36	PHI	1.53 MICRONS

EXTRAPOLATION OF DATA TO CUMULATIVE 99.5% RETAINED.

NUMBER OF SAMPLES SELECTED: 7
CORRELATION COEFFICIENT: .9856613
STANDARD ERROR OF THE ESTIMATE: 1.1586659
RANGE OF STANDARD RESIDUALS: 12.7761 WITH MINIMUM: -6.0233 AND MAXIMUM: 6.7527
F-TEST: 170.6118 WITH 1 AND 5 DEGREES OF FREEDOM.

WARNING EXTRAPOLATION MAY BE MEANINGLESS SINCE
LESS THAN 75% ACCOUNTED FOR BY INPUT DATA.***

EXTRAPOLATED PHI PERCENTILES

PHI(05)	4.21	PHI	54.15 MICRONS
PHI(16)	6.44	PHI	11.50 MICRONS
PHI(25)	7.11	PHI	7.25 MICRONS
PHI(50)	9.36	PHI	1.53 MICRONS
PHI(75)	10.02	PHI	.97 MICRONS
PHI(84)	10.28	PHI	.80 MICRONS
PHI(95)	10.58	PHI	.66 MICRONS
PHI(99.9)	10.695	PHI	.603 MICRONS

INTERPOLATED PHI PERCENTILES SAMPLE TL-C17

PHI	MICRONS	MM	PCT. RET	PCT. FINER
1.00	500.00	.5000E+00	.33	99.67
1.25	420.45	.4204E+00	.48	99.52
1.50	353.55	.3536E+00	.63	99.37
1.75	297.30	.2973E+00	.78	99.22
2.00	250.00	.2500E+00	.93	99.07
2.25	210.22	.2102E+00	1.01	98.99
2.50	176.78	.1768E+00	1.10	98.90
2.75	148.65	.1487E+00	1.18	98.82
3.00	125.00	.1250E+00	1.26	98.74
3.25	105.11	.1051E+00	1.30	98.70
3.50	88.39	.8839E-01	1.33	98.67
3.75	74.33	.7433E-01	1.36	98.64
4.00	62.50	.6250E-01	1.40	98.60
4.25	52.56	.5256E-01	5.75	94.25
4.50	44.19	.4419E-01	7.44	92.56
4.75	37.16	.3716E-01	8.16	91.84
5.00	31.25	.3125E-01	8.88	91.12
5.25	26.28	.2628E-01	9.60	90.40
5.50	22.10	.2210E-01	10.35	89.65
5.75	18.58	.1858E-01	11.41	88.59
6.00	15.63	.1563E-01	12.46	87.54
6.25	13.14	.1314E-01	13.51	86.49
6.50	11.05	.1105E-01	16.78	83.22
6.75	9.29	.9291E-02	20.16	79.84
7.00	7.81	.7813E-02	23.54	76.46
7.25	6.57	.6570E-02	26.94	73.06
7.50	5.52	.5524E-02	31.22	68.78
7.75	4.65	.4645E-02	35.51	64.49
8.00	3.91	.3906E-02	39.79	60.21
8.25	3.28	.3285E-02	41.69	58.31
8.50	2.76	.2762E-02	43.37	56.63
8.75	2.32	.2323E-02	45.04	54.96
9.00	1.95	.1953E-02	46.72	53.28
9.25	1.64	.1642E-02	49.01	50.99
9.50	1.38	.1381E-02	55.03	44.97
9.75	1.16	.1161E-02	64.42	35.58
10.00	.98	.9766E-03	73.81	26.19
10.25	.82	.8212E-03	83.20	16.80
10.50	.69	.6905E-03	92.59	7.41

STATISTICS AND ENGINEERING PARAMETERS SAMPLE TL-C17

INMAN'S STATISTICS:

MEDIAN	9.355	PHI	1.527	MICRONS
MEAN	8.363	PHI	3.037	MICRONS
STANDARD DEVIATION	1.921	POORLY SORTED		
SKEWNESS	-.517	STRONGLY COARSE-SKEWED		
KURTOSIS	.658	VERY PLATYKURTIC		

FOLK'S STATISTICS:

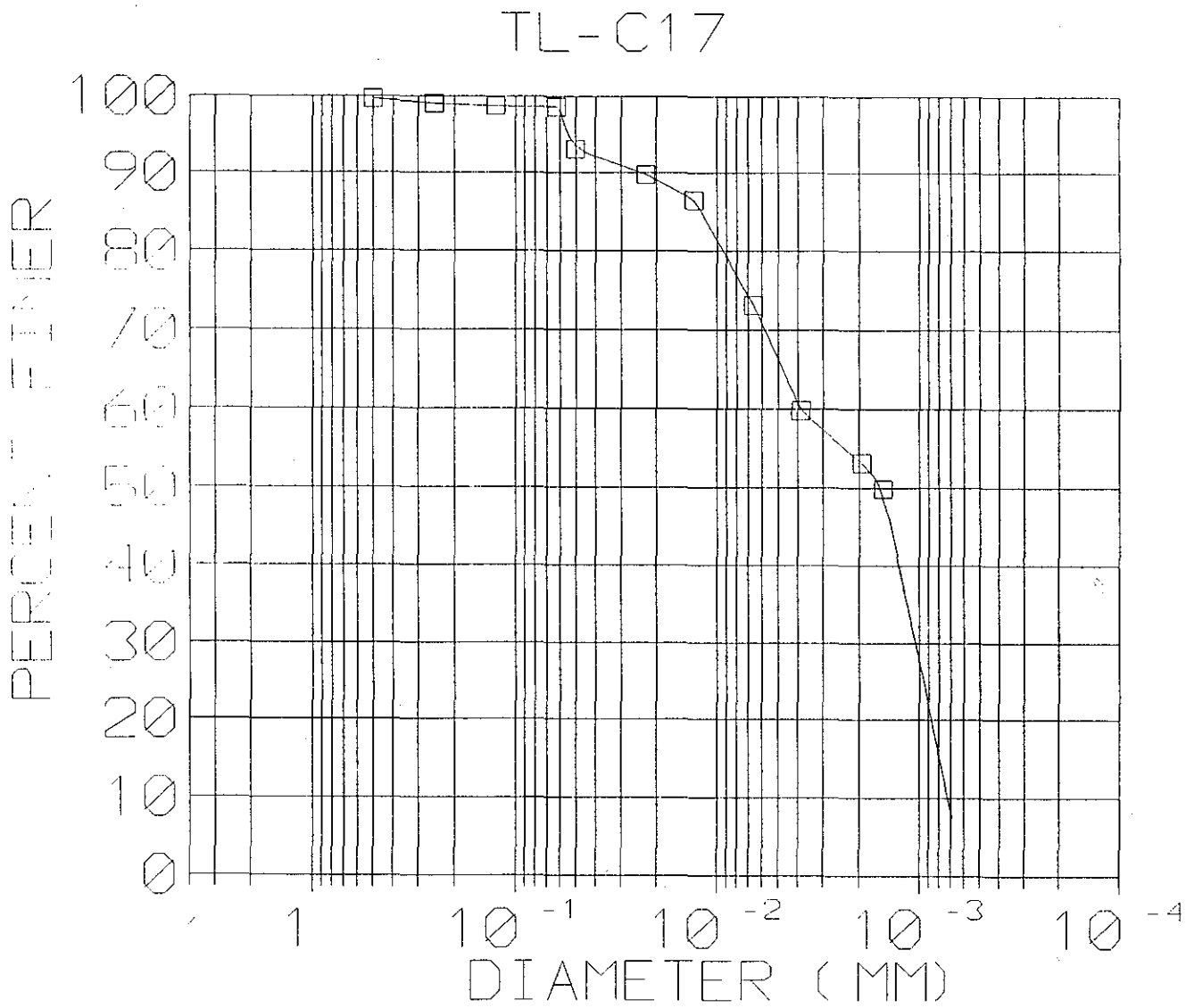
MEAN	8.694	PHI	2.415	MICRONS
STANDARD DEVIATION	1.925	POORLY SORTED		
SKEWNESS	-.567	STRONGLY COARSE-SKEWED		
KURTOSIS	.898	PLATYKURTIC		

MOMENT MEASURES:

MEAN	8.383	PHI	2.995	MICRONS
SECOND MOMENT	4.090			
STANDARD DEVIATION	2.022	VERY POORLY SORTED		
THIRD MOMENT	-8.602			
SKEWNESS	-1.040	STRONGLY COARSE-SKEWED		
FOURTH MOMENT	60.548			
KURTOSIS	1.206	LEPTOKURTIC		

ENGINEERING PARAMETERS:

D60	8.028	PHI	3.831	MICRONS
D30	9.899	PHI	1.048	MICRONS
D10	10.431	PHI	.724	MICRONS
COEF. OF UNIFORMITY	5.290			
COEF. OF CURVATURE	.395			


TL-C17
PERCENT FINER
100
90
80
70
60
50
40
30
20
10
0
1
10 -1
10 -2
10 -3
10 -4
DIAMETER (MM)

TIERRA CONSULTING,INC.
SEDPET III: SEDIMENTARY PETROLOGY ANALYSIS PROGRAM

ANALYSIS OF SAMPLE: TL-F18

SIEVE ANALYSIS

SAMPLE WEIGHT = 37.35

SIEVE SIZE (MICRONS)	SIEVE SIZE (PHI)	SIEVE WT (GRAMS)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
500.00	1.00	.07	.19	99.81	.19
250.00	2.00	1.27	3.40	96.41	3.59
125.00	3.00	5.10	13.65	82.76	17.24
62.50	4.00	1.08	2.89	79.87	20.13

HYDROMETER ANALYSIS

VOLUME = 1000.00 ASSUMED SPECIFIC GRAVITY = 2.650

TIME (MINS)	HYDROMETER READING	TEMPERATURE (DEGREES C)	EFFECTIVE DEPTH	TEMPERATURE CORRECTION
1.	24.50	21.50	12.28	.01341
5.	22.00	21.50	12.69	.01341
15.	20.00	21.50	13.01	.01341
60.	18.50	21.50	13.26	.01341
180.	16.50	21.50	13.59	.01341
720.	15.00	21.50	13.83	.01341
1200.	14.00	21.50	14.00	.01341

TIME (MINS)	DIAMETER (MICRONS)	DIAMETER (IN PHI)	WEIGHT PERCENT RETAINED	CUMULATIVE PERCENT THROUGH	CUMULATIVE PERCENT RETAINED
1.	46.99	4.41	14.27	65.60	34.40
5.	21.36	5.55	6.69	58.90	41.10
15.	12.49	6.32	5.35	53.55	46.45
60.	6.30	7.31	4.02	49.53	50.47
180.	3.68	8.08	5.35	44.18	55.82
720.	1.86	9.07	4.02	40.16	59.84
1200.	1.45	9.43	2.68	37.48	62.52

TEXTURAL CLASSIFICATION AND PHI PERCENTILES SAMPLE TL-F18

SIZE CLASSIFICATION USED: STANDARD GEOLOGICAL SOILS CLASSIFICATION

GRAVEL/SAND CUTOFF	2000.00	MICRONS
SAND/SILT CUTOFF	62.50	MICRONS
SILT/CLAY CUTOFF	4.00	MICRONS

PERCENT GRAVEL	.00
PERCENT SAND	20.13
PERCENT SILT	34.87
PERCENT CLAY	44.99

TEXTURAL DESCRIPTIONS

FOLK'S: SANDY MUD
SHEPARD'S: SAND-SILT-CLAY
TREFETHEN'S: SANDY SILTY-CLAY
U.S. ARMY CORPS OF ENGINEERS: SILTY CLAY
U.S. BUREAU OF SOILS: CLAY

PHI PERCENTILES

PHI(05)	2.10	PHI	232.70	MICRONS
PHI(16)	2.91	PHI	133.14	MICRONS
PHI(25)	4.14	PHI	56.71	MICRONS
PHI(50)	7.19	PHI	6.83	MICRONS

EXTRAPOLATION OF DATA TO CUMULATIVE 99.5% RETAINED.

NUMBER OF SAMPLES SELECTED: 7
CORRELATION COEFFICIENT: .9913523
STANDARD ERROR OF THE ESTIMATE: 1.0313079
RANGE OF STANDARD RESIDUALS: 3.1565 WITH MINIMUM: -1.3534 AND MAXIMUM: 1.8030
F-TEST: 285.3494 WITH 1 AND 5 DEGREES OF FREEDOM.

WARNING EXTRAPOLATION MAY BE MEANINGLESS SINCE
LESS THAN 75% ACCOUNTED FOR BY INPUT DATA.***

EXTRAPOLATED PHI PERCENTILES

PHI(05)	2.10	PHI	232.70	MICRONS
PHI(16)	2.91	PHI	133.14	MICRONS
PHI(25)	4.14	PHI	56.71	MICRONS
PHI(50)	7.19	PHI	6.83	MICRONS
PHI(75)	10.85	PHI	.54	MICRONS
PHI(84)	11.83	PHI	.27	MICRONS
PHI(95)	12.90	PHI	.13	MICRONS
PHI(99.9)	13.342	PHI	.096	MICRONS

INTERPOLATED PHI PERCENTILES SAMPLE TL-F18

PHI	MICRONS	MM	PCT. RET	PCT. FINER
1.00	500.00	.5000E+00	.19	99.81
1.25	420.45	.4204E+00	1.04	98.96
1.50	353.55	.3536E+00	1.89	98.11
1.75	297.30	.2973E+00	2.74	97.26
2.00	250.00	.2500E+00	3.59	96.41
2.25	210.22	.2102E+00	7.00	93.00
2.50	176.78	.1768E+00	10.41	89.59
2.75	148.65	.1487E+00	13.83	86.17
3.00	125.00	.1250E+00	17.24	82.76
3.25	105.11	.1051E+00	17.97	82.03
3.50	88.39	.8839E-01	18.69	81.31
3.75	74.33	.7433E-01	19.41	80.59
4.00	62.50	.6250E-01	20.13	79.87
4.25	52.56	.5256E-01	28.80	71.20
4.50	44.19	.4419E-01	34.93	65.07
4.75	37.16	.3716E-01	36.40	63.60
5.00	31.25	.3125E-01	37.87	62.13
5.25	26.28	.2628E-01	39.34	60.66
5.50	22.10	.2210E-01	40.81	59.19
5.75	18.58	.1858E-01	42.49	57.51
6.00	15.63	.1563E-01	44.22	55.78
6.25	13.14	.1314E-01	45.95	54.05
6.50	11.05	.1105E-01	47.17	52.83
6.75	9.29	.9291E-02	48.19	51.81
7.00	7.81	.7813E-02	49.21	50.79
7.25	6.57	.6570E-02	50.23	49.77
7.50	5.52	.5524E-02	51.79	48.21
7.75	4.65	.4645E-02	53.51	46.49
8.00	3.91	.3906E-02	55.24	44.76
8.25	3.28	.3285E-02	56.50	43.50
8.50	2.76	.2762E-02	57.52	42.48
8.75	2.32	.2323E-02	58.53	41.47
9.00	1.95	.1953E-02	59.55	40.45
9.25	1.64	.1642E-02	61.17	38.83
9.50	1.38	.1381E-02	63.17	36.83
9.75	1.16	.1161E-02	65.56	34.44
10.00	.98	.9766E-03	67.95	32.05
10.25	.82	.8212E-03	70.34	29.66
10.50	.69	.6905E-03	72.73	27.27
10.75	.58	.5807E-03	75.12	24.88
11.00	.49	.4883E-03	77.51	22.49
11.25	.41	.4106E-03	79.90	20.10
11.50	.35	.3453E-03	82.29	17.71
11.75	.29	.2903E-03	84.68	15.32
12.00	.24	.2441E-03	87.07	12.93
12.25	.21	.2053E-03	89.46	10.54
12.50	.17	.1726E-03	91.85	8.15
12.75	.15	.1452E-03	94.24	5.76
13.00	.12	.1221E-03	96.63	3.37

STATISTICS AND ENGINEERING PARAMETERS SAMPLE TL-F18

INMAN'S STATISTICS:

MEDIAN	7.194	PHI	6.828	MICRONS
MEAN	7.371	PHI	6.039	MICRONS
STANDARD DEVIATION	4.462	EXTREMELY POORLY SORTED		
SKEWNESS	.040	NEAR-SYMMETRICAL		
KURTOSIS	.210	VERY PLATYKURTIC		

FOLK'S STATISTICS:

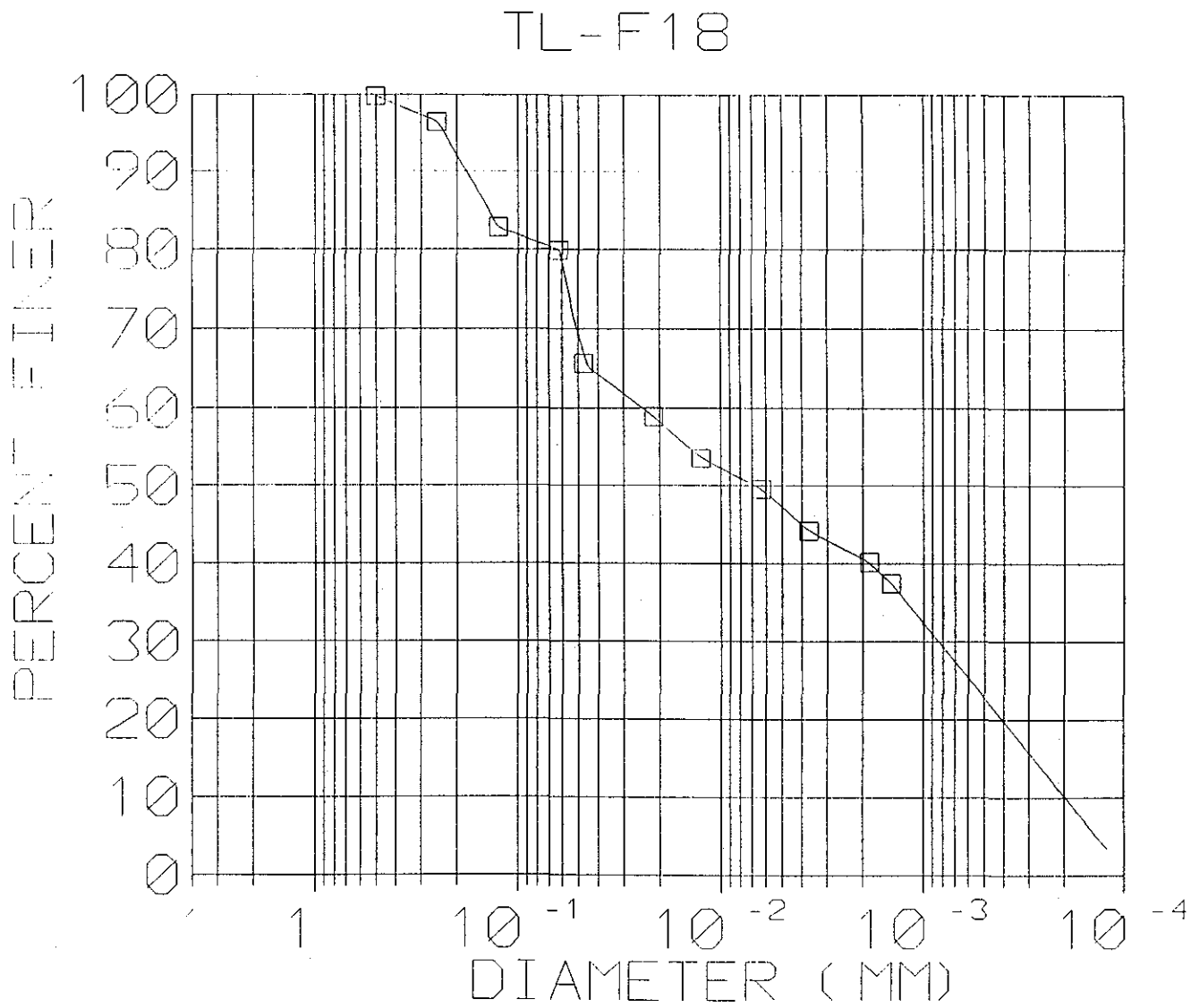
MEAN	7.312	PHI	6.292	MICRONS
STANDARD DEVIATION	3.868	VERY POORLY SORTED		
SKEWNESS	.049	NEAR-SYMMETRICAL		
KURTOSIS	.660	VERY PLATYKURTIC		

MOMENT MEASURES:

MEAN	7.312	PHI	6.294	MICRONS
SECOND MOMENT	13.796			
STANDARD DEVIATION	3.714	VERY POORLY SORTED		
THIRD MOMENT	3.849			
SKEWNESS	.075	NEAR-SYMMETRICAL		
FOURTH MOMENT	300.664			
KURTOSIS	.527	VERY PLATYKURTIC		

ENGINEERING PARAMETERS:

D60	5.362	PHI	24.310	MICRONS
D30	10.214	PHI	.842	MICRONS
D10	12.307	PHI	.197	MICRONS
COEF. OF UNIFORMITY	123.155			
COEF. OF CURVATURE	.148			


TL-F18
PERCENT FINER
100
90
80
70
60
50
40
30
20
10
0
1
10 -1
10 -2
10 -3
10 -4
DIAMETER (MM)

10-Day Survival and Growth Tests of Seven Sediment Samples from EnSafe using the Amphipod, *Hyalella azteca*

Submitted to:

Barbara Albrecht
EnSafe Environmental and Safety Designs, Inc.
201 North Palafox Street, Suite 2000
Pensacola, Florida 32501

Submitted by:

TRAC Laboratories, Inc.
14 S. 2nd Street
Pensacola, Florida 32507
(850) 456-5836

Florida Department of Health and Rehabilitative Services
Certification Number E81181

Project Number: 119-3646-3652
Report Number: 119-3646

Report Date: May 2004

Statement of Quality Assurance

This Study was reviewed by the Laboratory Director to ensure that procedures outlined in TRAC's QA/QC plan, approved through Florida's Department of Environmental Regulations, were followed. The final report is an accurate reflection of the raw data.

Rick Abad 21 June 04
Rick Abad, Toxicologist

Joyce Riesinger 15 June 04
Joyce Riesinger, Toxicologist

Final Raw Data Audit:

Final Report Audit: 21 June 04

Dan Johnson, Laboratory Director

Toxicity Test Summary Sheet

Client:	EnSafe
Job Number:	**0036-001-00-138-00** (EnSafe)
Client Contact:	Barbara Albrecht
Project Numbers:	119-3646-3652
Study Director:	Dan Johnson
Test Material:	Seven whole sediment samples
Date Materials Received:	6 and 8 April 2004
Test Dates:	16 through 26 April 2004
Test Conditions:	Static, renewal, 10 day duration
Test Procedure:	EPA/600/R-99/064. Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates.
Test Organism:	*Hyalella azteca*, (Lot # HA-04-01).
Source:	*H. azteca* were obtained from a commercial supplier.
Control and Overlying Water:	Moderately hard reconstituted freshwater
Exposure Concentration:	Negative control sediment and 100% whole test sediment
Effect Criteria:	Survival and growth
Effects:	No statistically significant survival or growth effects were observed in any test sediment.

INTRODUCTION

Seven sediment samples were collected by EnSafe personnel and tested at TRAC Laboratories, Inc., Pensacola, Florida to assess survival and growth effects on *Hyalella azteca* in 10-day whole sediment toxicity screening tests. Tests were conducted from 16 through 26 April 2004. All original raw data related to this study are stored by TRAC; however, copies are provided as Appendix A.

MATERIALS AND METHODS

Test Material

Seven sediment samples were collected by EnSafe personnel and hand delivered to TRAC on 6 and 8 April 2004. The sediment samples arrived intact at temperatures of 3.5-24.6° C, and were each contained in one 3.8 liter plastic jar. The samples were logged into TRAC's Sediment Receiving Log and maintained at 4°C until test initiation (Table 1).

Control Water

Control and overlying water was reconstituted freshwater (RCF) with a hardness of 76 mg/L $CaCO_3$ (EPA, 2002).

Negative Control Sediment

Negative control sediment was a mixture of 90% fine grain quartz sand and 10% C17 collected from Perdido Bay. The negative control sediment was obtained by TRAC personnel from Pensacola Beach (sand) and Perdido Bay (C-17) at position 30^0 19.753' N, 087^0 27.869' W.

Test Organisms

Hyalella azteca (lot # HA-04-01) were obtained from a commercial supplier and were approximately 10-11 days old upon test initiation.

An acute toxicity test with a reference toxicant and *H. azteca* from the same population as used in the sediment test, indicated the *H. azteca* were in an acceptable range of chemical sensitivity to the reference toxicant (Appendix B).

A new lot of Sodium Dodecyl Sulfate (SDS) was purchased and put into use since the last reference toxicity test was conducted in October 2003. Significantly higher LC50 values were obtained with the new lot of SDS. Two additional lots of *H. azteca* were purchased and tested to confirm the reliability of the initial LC50 value obtained with the batch of *H. azteca* used for the sediment exposures. The results of the two tests were statistically similar (LC50 values of 73.8, 67.3 and 80.0 mg/L). In addition, organisms tested at TRAC exhibited an increase in LC50

values. Therefore, the *H. azteca* exposed to test sediments are considered to be in a normal range of sensitivity.

Test Conditions

The sediment tests were conducted in a temperature-controlled (23 ± 1°C) environmental chamber under a 16 hour light, 8 hour dark photoperiod. Sediment tests were conducted in 0.5 liter plastic containers containing 100 ml of sediment and 175 ml of overlying water. Each exposure consisted of eight replicates of 10 organisms each, resulting in a total of 80 organisms per sediment exposure. Approximately 90% of the overlying water was carefully decanted off each day and replaced with an equivalent volume of fresh RCF.

Test duration was 10 days at the end of which sediments from each replicate were placed in a 250µm mesh sieve and the *H. azteca* collected. Contents of the sieve from each replicate where organisms were not completely accounted for were rinsed into collection jars and preserved with 70% isopropanol containing rose bengal stain for future examination. After final counts, surviving *H. azteca* were collected and placed, by replicate, into tared weigh boats, placed in a drying oven and dried overnight at 60^0C. Each replicate was weighed after cooling in a dessicator.

Physical Parameters

Temperature and dissolved oxygen (DO) were measured initially and daily thereafter in each replicate. Aeration must be applied if DO levels fall below 2.5 mg/L, therefore it was necessary to measure DO daily. However, no aeration was required in any sediment exposure during these tests. Total ammonia, Hardness, alkalinity, pH and conductivity of overlying water were measured in one replicate of each sediment on days 0 and 10 (Table 2). DO, pH and temperature were measured daily in the RCF used for renewal of overlying water.

Feeding

Each exposure vessel was fed 1.0 ml YCT initially and daily after overlying water renewal.

Statistical Analysis

Statistical analyses are accomplished using the computer program Toxstat, developed at the University of Wyoming. *H. azteca* survival proportions and weights are tested for normality and homogeneity of variance. If assumptions of normality and homogeneity are not met, analysis is conducted using the Wilcoxon Rank Sum Test. If assumptions of normality and homogeneity of variance are met, a t-test is performed.

Results

After 10 days of exposure, no statistically significant reductions in survival were observed in any test sediment when compared to the negative control sediment. Survival after the 10-day exposure period ranged from 92.5% in sediment 041W19A102 to 100% in sediments 041M5B0501 and 041M5B0601. Negative control survival was 97.5% (Table 3).

No statistically significant weight reductions were observed in any test sediment when compared to negative control sediment (Table 4).

Deviations in Protocol

On day 0 of testing, the test chamber temperature was set incorrectly to maintain temperatures at 20^0C. The chamber temperature was adjusted to 23^0C and temperatures in selected replicates were re-measured. By the end of day 0, temperatures were within the prescribed range of 23.0 ± 1.0^0C. No other deviations form prescribed methods occurred during this testing event.

Table 1. Sediment sample receipt information.

EnSafe Sample ID[1]	**041M5B0202**	**041M5B0301**	**041N5B0301**	**041M5B0401**	**041M5B0501**	**041M5B0601**	**041W19A102**
TRAC Sample ID	119-3646	119-3647	119-3648	119-3649	119-3650	119-3651	119-3652
Sample Date	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	08 Apr 04
Sample Time	1045	1045	1045	1100	1115	1130	1300
Arrival Date	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	06 Apr 04	08 Apr 04
Arrival Time	1455	1455	1455	1455	1455	1455	1500
Arrival Temperature (^{0}C)	3.5	3.5	3.5	3.5	3.5	3.5	24.6

1. In the tables that follow, only EnSafe sample identifications are used.

Table 2. Characteristics of overlying water samples from selected replicates of each sediment exposure.

Sample ID	pH		Conductivity (µs)		Hardness (mg/L $CaCO_3$)		Alkalinity (mg/L $CaCO_3$)		Ammonia (mg/L NH_3-N)	
	Day 0	Day 10	Day 0	Day 10	Day 0	Day 10	Day 0	Day 10	Day 0	Day 10
Negative control-1	8.0	7.0	348	260	156	88	68	66	0.31	1.58
041M5B0202	6.7	6.9	209	254	60	68	35	41	1.07	1.86
041M5B0301	6.7	6.9	223	256	60	68	42	48	0.76	1.29
041N5B0301	6.9	7.0	225	260	48	76	43	48	1.02	1.29
041M5B0401	6.7	7.3	213	302	64	76	33	48	0.52	0.66
041M5B0501	6.9	6.9	217	246	56	68	35	50	0.69	1.23
041M5B0601	7.1	7.0	228	253	64	76	38	50	0.69	0.60
041W19A102	7.1	7.4	212	300	80	76	28	49	0.33	0.42
Negative control-2	8.0	6.9	417	256	156	104	66	66	0.68	1.20

Table 3. Survival of *Hyalella azteca*, exposed to 7 sediment samples from EnSafe in 10-day whole sediment static renewal tests.

Test Sediment	Replicate Number[1]	Number Surviving	Percent Surviving	Mean Survival (%)[2]
Negative control-1	6	10	100	97.5
	15	9	90	
	24	10	100	
	25	10	100	
	40	10	100	
	48	9	90	
	60	10	100	
	65	10	100	
041M5B0202	2	9	90	97.5
	12	10	100	
	21	9	90	
	27	10	100	
	37	10	100	
	44	10	100	
	53	10	100	
	69	10	100	
041M5B0301	30	10	100	97.5
	47	10	100	
	52	10	100	
	56	10	100	
	58	9	90	
	61	9	90	
	63	10	100	
	68	10	100	
041N5B0301	1	9	90	97.5
	9	10	100	
	20	9	90	
	23	10	100	
	32	10	100	
	43	10	100	
	59	10	100	
	72	10	100	

1. Replicates for both negative control and test sediments were assigned randomly.

2. Initial number of amphipods in each exposure was 80.

Table 3. continued.

Test Sediment	Replicate Number[1]	Number Surviving	Percent Surviving	Mean Survival (%)[2]
041M5B0401	8	10	100	96.25
	10	10	90	
	18	9	100	
	34	10	100	
	39	10	100	
	51	9	90	
	55	9	90	
	62	10	100	
041M5B0501	14	10	100	100
	16	10	100	
	22	10	100	
	41	10	100	
	45	10	100	
	54	10	100	
	64	10	100	
	71	10	100	
041M5B0601	30	10	100	100
	47	10	100	
	52	10	100	
	56	10	100	
	58	10	100	
	61	10	100	
	63	10	100	
	68	10	100	
041W19A102	5	9	90	92.5
	7	9	90	
	13	9	90	
	17	10	100	
	26	8	80	
	28	10	100	
	29	9	90	
	66	10	100	

1. Replicates for both negative control and test sediments were assigned randomly.

2. Initial number of amphipods in each exposure was 80.

Table 3. continued.

Test Sediment	Replicate Number[1]	Number Surviving	Percent Surviving	Mean Survival (%)[2]
Negative Control-2	3	10	100	97.5
	11	10	100	
	19	9	90	
	35	10	100	
	38	10	100	
	49	10	100	
	50	9	90	
	67	10	100	

1. Replicates for both negative control and test sediments were assigned randomly.

2. Initial number of amphipods in each exposure was 80.

Table 4. Growth of *Hyalella azteca*, exposed to 7 sediment samples from EnSafe in 10-day whole sediment static renewal tests.

Test Sediment	Replicate Number[1]	Number Surviving	Mean Weight per Replicate (mg)	Mean Dry Weight Per Individual (mg)[2]
Negative control-1	6	10	0.07	0.06
	15	9	0.09	
	24	10	0.06	
	25	10	0.05	
	40	10	0.08	
	48	9	0.07	
	60	10	0.02	
	65	10	0.03	
041M5B0202	2	9	0.09	0.06
	12	10	0.08	
	21	9	0.05	
	27	10	0.04	
	37	10	0.08	
	44	10	0.08	
	53	10	0.04	
	69	10	0.02	
041M5B0301	30	10	0.09	0.07
	47	10	0.10	
	52	10	0.07	
	56	10	0.09	
	58	9	0.05	
	61	9	0.08	
	63	10	0.05	
	68	10	0.06	
041N5B0301	1	9	0.12	0.10
	9	10	0.10	
	20	9	0.12	
	23	10	0.10	
	32	10	0.10	
	43	10	0.11	
	59	10	0.07	
	72	10	0.07	

1. Replicates for both negative control and test sediments were assigned randomly.

2. weights were calculated based on surviving number.

Table 4. continued.

Test Sediment	Replicate Number[1]	Number Surviving	Mean Weight per Replicate (mg)	Mean Dry Weight Per Individual (mg)[2]
041M5B0401	8	10	0.08	0.06
	10	10	0.07	
	18	9	0.09	
	34	10	0.09	
	39	10	0.11	
	51	9	0.01	
	55	9	0.04	
	62	10	0.02	
041M5B0501	14	10	0.10	0.08
	16	10	0.09	
	22	10	0.07	
	41	10	0.12	
	45	10	0.12	
	54	10	0.06	
	64	10	0.07	
	71	10	0.03	
041M5B0601	30	10	0.08	0.10
	47	10	0.07	
	52	10	0.10	
	56	10	0.18	
	58	10	0.13	
	61	10	0.15	
	63	10	0.02	
	68	10	0.07	
041W19A102	5	9	0.07	0.06
	7	9	0.07	
	13	9	0.09	
	17	10	0.06	
	26	8	0.10	
	28	10	0.05	
	29	9	0.05	
	66	10	0.03	

1. Replicates for both negative control and test sediments were assigned randomly.

2. weights were calculated based on surviving number.

Table 4. continued.

Test Sediment	Replicate Number[1]	Number Surviving	Mean Weight per Replicate (mg)	Mean Dry Weight Per Individual (mg)[2]
Negative Control-2	3	10	0.06	0.06
	11	10	0.06	
	19	9	0.07	
	35	10	0.09	
	38	10	0.08	
	49	10	0.05	
	50	9	0.02	
	67	10	0.03	

1. Replicates for both negative control and test sediments were assigned randomly.

2. weights were calculated based on surviving number.

APPENDIX A

10 Day Hyallela

TRAC
Environmental/ Biomedical Chemistry and Toxicology

TRAC Laboratories, Inc.
14 S. 2nd Street
Pensacola, FL 32507

(850) 456-5836
Fax (850) 456-5838
djohnson@traclaboratories.com

CHAIN OF CUSTODY RECORD

Client Name / Permit #					TRAC USE ONLY			
Date*:	Time* (24 hr clock)	Sample Type Grab / Comp.	Sampler's Name	Sample ID	Sample Volume	Arrival Temp	Remarks	TRAC Sample ID
4/6/09	1045	Sed	B. Albrecht	041M5T30202	3.8L	3.5°C		119-3646
"	"	"	"	041M5T30301	3.8L	3.5°C		119-3647
"	"	"	"	041N5T30301	3.8L	3.5°C		119-3648
"	1100	"	"	041M5T30401	3.8L	3.5°C		119-3649
"	1115	"	"	041M5T30501	3.8L	3.5°C		119-3650
"	1130	"	"	041M5T30601	3.8L	3.5°C		119-3651

Relinquished By: (Signature)	Received By: (Signature)	Date: 6 Apr 09	Time: 1455
Relinquished By: (Signature)	Received By: (Signature)	Date:	Time:
Relinquished By: (Signature)	Received By: (Signature)	Date:	Time:
Shipper Name:	Airbill or Manifest No.		

*If composite sample, indicate starting and ending date and time.

TRAC
Environmental/ Biomedical Chemistry and Toxicology

TRAC Laboratories, Inc.
14 S. 2nd Street
Pensacola, FL 32507

(850) 456-5836
Fax (850) 456-5838
djohnson@traclaboratories.com

CHAIN OF CUSTODY RECORD

Client Name / Permit #					TRAC USE ONLY			
Date*:	Time* (24 hr clock)	Sample Type Grab / Comp.	Sampler's Name	Sample ID	Sample Volume	Arrival Temp	Remarks	TRAC Sample ID
8 April 04	1300	Sed	B Albrecht	041W19A102	3.1L	24.6 C		119-3652

Relinquished By: (Signature)	Received By: (Signature)	Date: 8 April 04	Time: 1500
Relinquished By: (Signature)	Received By: (Signature)	Date:	Time:
Relinquished By: (Signature)	Received By: (Signature)	Date:	Time:
Shipper Name:	Airbill or Manifest No.		

*If composite sample, indicate starting and ending date and time.

Hyalella azteca Randomization Sheet

TRAC Sample ID 119-3646-3652 Day Zero 16 Apr 04

Test # 119-3646-3652 Amphipod Culture # HA-04-01

Jar #	Survival
6	10
15	9
24	10
25	10
40	10
48	9
60	10
65	10

% Survival: 97.5

Sample ID # CONTROL

Initial BH

Jar #	Survival
1	9
9	10
20	9
23	10
32	10
43	10
59	10
72	10

% Survival: 97.5

Sample ID # NB03

Initial AG

Jar #	Survival
* 2	~~9~~ (1)
12	10
21	9
27	10
37	10
44	10
53	10
69	10

% Survival: ~~97.5~~ ~~98.75~~ 97.5

Sample ID # B02

Initial CP

Jar #	Survival
8	10
10	10
* 18	9 (1)
34	10
39	10
51	9 (1)
55	9
62	10

% Survival: 96.25

Sample ID # B04

Initial BH

Jar #	Survival
30	10
47	10
52	10
56	10
58	9
61	9
* 63	10 (1)
68	10

% Survival: 97.5

Sample ID # B03

Initial AG

Jar #	Survival
14	10
16	10
22	10
41	10
45	10
54	10
64	10
71	10

% Survival: 100

Sample ID # B05

Initial BH

3 of 25

* numbers in ( ) represent the # of pods recovered after sample preservation out of total survival

Hyalella azteca **Randomization Sheet**

Day Zero 16 Apr 04

Test # 119-3646-3652 **Amphipod Culture #** HA-04-01

Jar #	Survival
4	10
31	10
33	10
36	10
42	10
46	10
57	10
70	10

% Survival 100

Sample ID # B06

Initial CP

Jar #	Survival
*5	9 (1)
7	9
13	9
17	10
26	8
28	10
29	9
66	10

% Survival 92.5

Sample ID # 041W19A102

Initial [illegible]

Jar #	Survival
3	10
11	10
19	9
35	10
38	10
49	10
50	9
67	10

% Survival 97.5

Sample ID # CONTROL

Initial BH

Hyalella azteca
Replicate Identification Sheet

Test Group Numbers: 119-3646-3652								
Sample Number	**Replicate Number**							
GROUP # 119-3646-3652								
CONTROL	6	65	15	24	25	40	48	60
B02	2	12	21	27	37	44	69	53
B03	30	68	47	52	56	58	61	63
NB03	1	72	9	20	23	32	43	59
B04	8	10	18	34	39	51	55	62
B05	14	16	22	71	41	45	54	64
B06	4	31	36	42	46	57	70	33
041W19A102	7	28	17	26	66	29	5	13
CONTROL	11	49	38	3	67	35	19	50
GROUP #								
CONTROL								

041M5B0401
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

Shapiro Wilks test for normality

D = 0.139

W = 0.685

Critical W (P = 0.05) (n = 24) = 0.916
Critical W (P = 0.01) (n = 24) = 0.884

Data FAIL normality test. Try another transformation.

Warning - The two homogeneity tests are sensitive to non-normal data and should not be performed.

041M5B0401
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

Bartletts test for homogeneity of variance

Calculated B statistic = 0.11
Table Chi-square value = 9.21 (alpha = 0.01)
Table Chi-square value = 5.99 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 7.00
Used for Chi-square table value ==> df (#groups-1) = 2

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

041M5B0401
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

WILCOXON RANK SUM TEST W/ BONFERRONI ADJUSTMENT - Ho:Control<Treatment

GROUP	IDENTIFICATION	TRANSFORMED MEAN	RANK SUM	CRIT. VALUE	REPS	SIG
1	Control	1.371				
2	041M5B0401	1.351	64.00	49.00	8	
3	041M5B0401	1.351	64.00	49.00	8	

Critical values use k = 2, are 1 tailed, and alpha = 0.05

041M5B0401
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

t-test of Solvent and Blank Controls Ho:GRP1 MEAN = GRP2 MEAN

GRP1 (SOLVENT CRTL) MEAN =	1.3713	CALCULATED t VALUE =	0.5092
GRP2 (BLANK CRTL) MEAN =	1.3509	DEGREES OF FREEDOM =	14
DIFFERENCE IN MEANS =	0.0204		

TABLE t VALUE (0.05 (2),14) = 2.145 NO significant difference at alpha=0.05
TABLE t VALUE (0.01 (2),14) = 2.977 NO significant difference at alpha=0.01

119-3646-3652
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

Shapiro Wilks test for normality 04/W19A/02

D = 0.209

W = 0.894

Critical W (P = 0.05) (n = 24) = 0.916
Critical W (P = 0.01) (n = 24) = 0.884

Data PASS normality test at P=0.01 level. Continue analysis.

119-3646-3652
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y))

Bartletts test for homogeneity of variance

Calculated B statistic = 1.13
Table Chi-square value = 9.21 (alpha = 0.01)
Table Chi-square value = 5.99 (alpha = 0.05)

Average df used in calculation ==> df (avg n - 1) = 7.00
Used for Chi-square table value ==> df (#groups-1) = 2

Data PASS homogeneity test at 0.01 level. Continue analysis.

NOTE: If groups have unequal replicate sizes the average replicate size is used to calculate the B statistic (see above).

119-3646-3652
File: HA.SURV Transform: ARC SINE(SQUARE ROOT(Y)) 04/6/19A/02

t-test of Solvent and Blank Controls Ho:GRP1 MEAN = GRP2 MEAN

GRP1 (SOLVENT CRTL) MEAN =	1.3713	CALCULATED t VALUE =	1.6716
GRP2 (BLANK CRTL) MEAN =	1.2924	DEGREES OF FREEDOM =	14
DIFFERENCE IN MEANS =	0.0789		

TABLE t VALUE (0.05 (2),14) = 2.145 NO significant difference at alpha=0.05
TABLE t VALUE (0.01 (2),14) = 2.977 NO significant difference at alpha=0.01

Hyalella azteca Breakdown Sheet

Day Zero 16 Apr 04

Test# 119-3646-3652

Culure # HA-04-01

Date & Time	Initials	Jar #	# Dead During Test	# Recovered Live	# Recovered Dead	Total # Dead	# Repicked	Total Not Found	* Total Acct'd For
26 Apr 04	RA	1		8 RA	X RA	1	0 JN	1	9
	BH	2		8 BH		1	1 JN	1	9
	JN	3		10 JN					10
	JN	4		10 JN					10
	AK	5		8 AK		1	1 JN	1	9
	BH	6		10 BH					10
		7		9 J		1	0 JN	1	9
	RA	8		10 RA					10
	AK	9		10					10
	JN	10		10 JN					10
	AK	11		10 AK					10
	AK	12		10 AK					10
	BH	13		9 BH		1	0 JN	1	9
	JN	14		10 JN					10
	RA	15		9 RA		1	0 JN	1	9
	JN	16		10 JN					10
	BH	17		10 BH					10
	AK	18		8 J		1	1 JN	1	9
	AK	19		9 J		1	0 JN	1	9
	AK	20	1	9 AK		1	0 JN		10
	AK	21		9 AK		1	0 JN	1	9
	BH	22		10 BH					10
	BH	23		10 BH					10
	RA	24		10 RA					10
	JN	25		10 JN					10
	BH	26		8 BH		2	0 JN	2	8
	RA	27		10 RA					10
	AK	28		10 AK					10
	AK	29		9 AK		1	0 JN	1	9
	AK	30		10 AK					10

* Total accounted for includes live and dead.

Hyalella azteca **Breakdown Sheet**

Day Zero 16 Apr 04

Test# 119-3646-3652

Culure # HA-04-01

Date &	Initials	Jar #	# Dead During	# Recovered Live	# Recovered Dead	Total #	# Repicked	Total Not	* Total Acct'd
	AK	31		10 AK					10
	AK	32		10 AK					10
	BH	33		10 BH					10
	BH	34		10 BH					10
	BH	35		10 BH					10
	BH	36		10 BH					10
	AK	37		10 AK					10
	AK	38		10 AK					10
	JN	39		10 JN					10
	BH	40		10 ~~9~~ JN BH					10
	BH	41		10 BH					10
		42		10					10
	AK	43		10 AK					10
	JN	44		10 JN					10
	JN	45		10 JN					10
	AK	46		10					10
	AK	47		10 AK					10
	BH	48		9 ~~10~~ BH		1	0 JN	1	9
	BH	49		10 BH					10
	AK	50		9 AK		1	0 JN	1	9
	AK	51		8 AK		1	1 JN	1	9
	J	52		10 BH					10
	JN	53		10 JN					10
	J	54		10 BH					10
	JN	55		9 JN		1	0 JN	1	9
	J	56		10					10
	J	57		10					10
	JN	58		9 JN		1	0 JN	1	9
	BH	59		10 BH					10
	BH	60		10 BH					10

* Total accounted for includes live and dead.

Hyalella azteca Breakdown Sheet

Day Zero 16 Apr 04

Test# 119-3646-3652

Culure # HA-04-01

Date &	Initials	Jar #	# Dead During	# Recovered Live	# Recovered Dead	Total #	# Repicked	Total Not	* Total Acct'd
	J	61		9 m		1	0 J	1	9
	AK	62		10 AK					10
	AK	63		9 AK			1 m		10
	AK	64		10 AK					10
	AK	65		10 AK					10
	BH	66		10 BH					10
	J	67		10 m					10
	BH	68		10 BH					10
	J	69		10 DJ					10
	m	70		10 m					10
	BH	71		10 BH					10
	m	72		10 AK					10

* Total accounted for includes live and dead.

Hyalella azteca

Pre-Test Dry Weights

Test # 119-3646-3652 **Culture #** HA-04-01

Sediment ID	Pan #	Pan Weight (g)	Pan + Pod (g)	Difference (g)	N	Wt./Pod (mg)	Mean Wt. (mg)
Initial Pre-test Weights	Pre-1	0.8877	0.8883	0.0006	10	0.06	0.0775
	Pre-2	0.8975	0.8982	0.0007	10	0.07	
	Pre-3	0.8817	0.8824	0.0007	10	0.07	
	Pre-4	0.8798	0.8806	0.0008	10	0.08	
	Pre-5	0.9049	0.9056	0.0007	10	0.07	
	Pre-6	0.8830	0.8839	0.0009	10	0.09	
	Pre-7	0.8782	0.8792	0.0010	10	0.10	
	Pre-8	0.8802	0.8810	0.0008	10	0.08	

N = Number of Amphipods Weighed

Pod = Amphipod

Dried at 60°C

	Date	Time	Operator
Tare Weights	16 April 04	1215	CP
Placed In Oven	16 April 04	1235	BH
Removed From Oven	17 Apr 04	1300	CP
Final Weights	19 Apr 04	0825	AG

Hyalella azteca Dry Weights

Test # 119-3646-3652 Culture # HA-04-01

Sediment ID	Pan #	Pan Weight (g)	Pan + Pod (g)	Difference (g)	N	Wt./Pod (mg)	Mean Wt. (mg)
CONTROL	6	0.8785	0.8792	0.0007	10	0.0700	~~0.59~~ ~~0.5875~~ ~~0.059~~ 0.06
	15	0.8819	0.8827	0.0008	9	0.0888	
	24	0.8849	0.8855	0.0006	10	0.06	
	25	0.8878	0.8883	0.0005	10	0.05	
	40	0.8834	0.8842	0.0008	10	0.08	
	48	0.8872	0.8878	0.0006	9	0.07	
	60	0.9088	0.9090	0.0002	10	0.02	
	65	0.9045	0.9048	0.0003	10	0.03	
B02	2	0.8630	0.8638	0.0008	9	0.09	0.06
	12	0.8818	0.8826	0.0008	10	0.08	
	21	0.8676	0.8681	0.0005	9	0.05	
	27	0.8837	0.8841	0.0004	10	0.04	
	37	0.8658	0.8666	0.0008	10	0.08	
	44	0.8862	0.8870	0.0008	10	0.08	
	53	0.8870	0.8874	0.0004	10	0.04	
	69	0.9011	0.9013	0.0002	10	0.02	
B03	30	0.8792	0.8801	0.0009	10	0.09	0.07
	47	0.8836	0.8846	0.0010	10	0.10	
	52	0.8858	0.8865	0.0007	10	0.070	
	56	0.9122	0.9131	0.0009	10	0.090	
	58	0.9113	0.9118	0.0005	9	0.0555	
	61	0.8864	0.8871	0.0007	9	0.0777	
	63	0.8842	0.8847	0.0005	9	0.0555	
	68	0.8780	0.8786	0.0006	10	0.06	
NB03	1	0.8636	0.8647	0.0011	9	0.1222	0.10
	9	0.8688	0.8698	0.0010	10	0.10	
	20	0.9127	0.9138	0.0011	9	0.12	
	23	0.8688	0.8698	0.0010	10	0.10	
	32	0.8798	0.8808	0.0010	10	0.10	
	43	0.8704	0.8715	0.0011	10	0.11	
	59	0.9106	0.9113	0.0007	10	0.07	
	72	0.8847	0.8854	0.0007	10	0.07	
B04	8	0.8731	0.8739	0.0008	10	0.08	0.06
	10	0.8835	0.8842	0.0007	10	0.07	
	18	0.8627	0.8634	0.0007	8	0.09	
	34	0.8998	~~0.8~~ 0.9007	0.0009	10	0.09	
	39	0.8601	0.8612	0.0011	10	0.11	
	51	0.8851	0.8852	0.0001	8	0.01	
	55	0.8870	0.8874	0.0004	9	0.04	
	62	0.9002	0.9004	0.0002	10	0.02	

Pod = Amphipod

Hyalella azteca Dry Weights

Test # 119-3646-3652 Culture # HA-04-01

Sediment ID	Pan #	Pan Weight (g)	Pan + Pod (g)	Difference (g)	N	Wt./Pod (mg)	Mean Wt. (mg)
B05	14	0.8821	0.8831	0.0010	10	0.10	~~0.0825~~ 0.08
	16	0.8868	0.8877	0.0009	10	0.09	
	22	0.8798	0.8805	0.0007	10	0.07	
	41	0.8628	0.8640	0.0012	10	0.12	
	45	0.8729	0.8741	0.0012	10	0.12	
	54	0.8861	0.88867	0.0006	10	0.06	
	64	0.8935	0.8942	0.0007	10	0.07	
	71	0.8805	0.8808	0.0003	10	0.03	
B06	4	0.8663	0.8671	0.0008	10	0.08	0.10
	31	0.8866	0.8873	0.0007	10	0.07	
	33	0.9016	0.9026	0.0010	10	0.10	
	36	0.8826	0.8844	0.0018	10	0.18	
	42	0.8660	0.8673	0.0013	10	0.13	
	46	0.8787	0.8802	0.0015	10	0.15	
	57	0.8813	0.8815	0.0002	10	0.02	
	70	0.8932	0.8939	0.0007	10	0.07	
041W19A102	5	0.8772	0.8778	0.0006	8	~~0.06~~ 0.07	0.06
	7	0.8768	0.8774	0.0006	9	0.07	
	13	0.8698	0.8706	0.0008	9	0.09	
	17	0.8734	0.8740	0.0006	10	0.06	
	26	0.8861	0.8869	~~0.0008~~	8	0.10	
	28	0.8798	0.8803	0.0005	10	0.05	
	29	0.8721	0.8726	0.0005	9	0.05	
	66	0.8805	0.8808	0.0003	10	0.03	
CONTROL	3	0.8623	0.8629	0.0006	10	0.06	0.06
	11	0.8706	0.8712	0.0006	10	0.06	
	19	0.8744	0.8750	0.0006	9	0.07	
	35	0.8973	0.8982	0.0009	10	0.09	
	38	0.8616	0.8624	0.0008	10	0.08	
	49	0.8839	0.8844	0.0005	10	0.05	
	50	0.8854	0.8856	0.0002	9	0.02	
	67	0.8780	0.8783	0.0003	10	0.03	

N = Number of Amphipods Weighed

Pod = Amphipod

Dried at 60°C

	Date	Time	Operator
Tare Weights	26 Apr 04	0925	JR
Placed In Oven	26 Apr 04	1450	BH
Removed From Oven	27 Apr 04	0935	BH
Final Weights	29 Apr 04	1420	AK

Feed 1.0 ml YCT / Day after H2O change

Hyalella azteca

DAY 0 SET UP and DAILY OBSERVATION SHEET

Amphipod Culture # AA04-01

Test # 119-3646-3652 Day Zero 16 Apr 04 Time Loaded 1130

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
1	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	✓ 10	✓	F1	✓	F2	F1	F1	✓	✓	✓	✓
6	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	✓ 10	✓	✓	✓	✓	✓	F1	F1	✓	F1	✓
8	✓ 10	✓	✓	✓	✓	✓	✓	F2	✓	✓	✓
9	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	✓ 10	✓	✓	✓	✓	✓	✓	F1	✓	F1	✓
11	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	✓ 10	✓	✓	✓	F1	✓	✓	✓	✓	✓	✓
13	✓ 10	✓	✓	✓	F1	F1	✓	F1	✓	✓	✓
Initial	AA	CP	CP	AA	AA	AA	AA	AA	CP	AA	AA
Time Fed	1430	1245	1105	1035	0850	0920	0915	1015	1130	1125	—
Time of Water Change	1000	1215	1035	0845	0845	0915	0915	1015	1110	1125	—
QA	✓	✓	✓	AA	AA	AA	AA	AA	AA	AA	AA

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
14	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	✓ 10	✓	✓	✓	F1	✓	✓	✓	✓	✓	✓
17	✓ 10	✓	✓	F1	F2	F2	F1	✓	✓	✓	✓
18	✓ 10	✓	✓	✓	✓	✓	F1	F1	✓	✓	✓
19	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	✓ 10	✓	✓	✓	✓	✓	F1	✓	F1	DR1	✓
21	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	✓ 10	✓	✓	✓	✓	F2	✓	✓	✓	✓	✓
23	✓ 10	✓	✓	✓	✓	AA ✓	✓	✓	✓	✓	✓
24	✓ 10	✓	F1	✓	✓	✓	✓	✓	✓	✓	✓
25	✓ 10	✓	✓	F1	✓	✓	✓	✓	✓	✓	
26	✓ 10	✓	✓	✓	✓	F3	✓	F1	✓	✓	
Initial	AA	CP	CP	AA	AA	AA	AA	AA	CP	AA	AA
Time Fed	1430	1245	1105	1035	0905	0920	0915	1015	1130	1130	—
Time of Water Change	1000	1215	1035	0845	0900	0915	0915	1015	1110	1130	—
QA	✓	✓	✓	AA	AA	AA	AA	AA	AA	AA	AA

√ = No Abnormalities Observed D = Dead Amphipod F = Floating Amphipod

Feed 1.0ml YCT/Day after H2O Change

Hyalella azteca

DAY 0 SET UP and DAILY OBSERVATION SHEET

Amphipod Culture # HA-04-01

Test # 119-3646-3652 Day Zero 16 Apr 04 Time Loaded 1130

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
27	√ 10	√	√	√	√	√	F1	√	√	√	√
28	√ 10	√	√	√	√	F1	√	√	√	√	√
29	√ 10	√	√	√	F1	√	√	√	F1	√	√
30	√ 10	√	√	√	√	√	√	√	√	√	√
31	√ 10	√	√	√	√	√	√	√	√	√	√
32	√ 10	√	√	√	√	√	√	√	√	√	√
33	√ 10	√	√	√	√	F1	√	√	√	√	√
34	√ 10	√	√	√	F1	F1	√	√	F1	√	√
35	√ 10	√	√	√	√	√	√	√	√	√	√
36	√ 10	√	√	√	√	√	√	√	√	√	√
37	√ 10	√	√	√	√	√	√	√	√	√	√
38	√ 10	√	√	√	√	√	√	√	√	√	√
39	√ 10	√	√	√	√	√	√	√	F1	√	√
Initial	AL	CP	CP	AL	AL	AL	AL	BH	CP	AL	AA
Time Fed	1430	1245	1105	1035	0930	1005	0930	1015	1130	1145	—
Time of Water Change	1000	1215	1035	0920	0925	0950	0930	1015	1110	1145	—
QA	/	/	/	AL	AL	AL	AL	AL	AL	AL	AL

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
40	√ 10	√	√	√	√	√	√	√	√	√	√
41	√ 10	√	√	√	√	√	F1	√	√	√	√
42	√ 10	√	√	√	F1	√	√	√	√	√	√
43	√ 10	√	√	√	√	√	√	√	√	√	√
44	√ 10	√	√	√	√	√	√	√	√	√	√
45	√ 10	√	√	√	√	√	√	√	√	√	√
46	√ 10	√	√	√	√	√	√	√	√	√	√
47	√ 10	√	√	√	√	√	√	√	F1	√	√
48	√ 10	√	√	√	√	√	√	√	√	√	√
49	√ 10	√	√	√	√	F1	√	√	√	√	√
50	√ 10	√	√	√	√	√	√	√	√	√	√
51	√ 10	√	√	√	√	F1	√	√	√	√	√
52	√ 10	√	√	√	√	√	√	√	√	√	√
Initial	AL	CP	CP	AL	AL	AL	AL	BH	CP	AL	AA
Time Fed	1430	1245	1105	1035	0955	1005	0930	1015	1130	1145	—
Time of Water Change	1000	1215	1035	0935	0950	0950	0930	1015	1110	1145	—
QA	/	/	/	AL	AL	AL	AL	AL	AL	AL	AL

√ = No Abnormalities Observed / D = Dead Amphipod F = Floating Amphipod

Feed 1.0mL YCT/Day after H_2O Change.

Hyalella azteca

DAY 0 SET UP and DAILY OBSERVATION SHEET

Test # 119-3646-3652 Day Zero 16 Apr 04 Amphipod Culture # HA-04-01 Time Loaded 1130

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
53	✓ 10	✓	✓	✓	✓	F1	✓	✓	✓	✓	✓
54	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
55	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
57	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
58	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
59	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
61	✓ 10	✓	✓	✓	✓	✓	✓	✓	F1	✓	✓
62	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
63	✓ 10	✓	✓	✓	F1	✓	✓	✓	✓	✓	✓
64	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
65	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Initial	AG	CP	CP	AG	AG	AG	AG	BH	CP	AG	AA
Time Fed	1430	1245	1105	1035	1010	1030	0940	1015	1130	1155	—
Time of Water Change	1000	1215	1035	1000	1005	1020	0940	1015	1110	1155	—
QA	✓	✓	✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

JAR #	# Amphipods Loaded	DAY 1	2	3	4	5	6	7	8	9	10
66	✓ 10	✓	✓	✓	✓	✓	F3	✓	✓	✓	✓
67	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
69	✓ 10	✓	✓	✓	✓	✓	✓	✓	F1	✓	✓
70	✓ 10	✓	✓	✓	F1	✓	✓	✓	✓	✓	✓
71	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
72	✓ 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Initial	AG	CP	CP	AG	AG	AG	AG	BH	CP	AG	AA
Time Fed	1430	1245	1105	1035	1035	1030	0940	1015	1130	1155	—
Time of Water Change	1000	1215	1035	1020	1030	1020	0940	1015	1110	1155	—
QA	✓	✓	✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

√ = No Abnormalities Observed D = Dead Amphipod F = Floating Amphipod

Hyalella azteca
Physical Data Sheet

Test # 119-3646-3652 Day 0/Day 10: 16-26 Apr 04

pH			Conductivity			Hardness			Alkalinity			Ammonia		
Date	16 Apr04	26 Apr04	Date	16 Apr04	26 Apr04	Date	16 Apr04	26 Apr04	Date	16 Apr04	26 Apr04	Date	16 Apr04	26 Apr04
Jar #	Day 0	Day 10	Jar #	Day 0	Day 10	Jar #	Day 0	Day 10	Jar #	Day 0	Day 10	Jar #	Day 0	Day 10
25	8.0	7.0	25	348	260	25	156	88	25	68	66	25	0.31	1.58
29	7.1	7.4	29	212	300	29	80	76	29	28	49	29	0.33	0.42
32	6.9	7.0	32	225	260	32	48	76	32	43	48	32	1.02	1.29
44	6.7	6.9	44	209	254	44	60	68	44	35	41	44	1.07	1.86
45	6.9	6.9	45	217	246	45	56	~~50~~ 68	45	35	~~50~~ 68	45	0.69	1.23
51	6.7	7.3	51	213	302	51	64	76	51	33	48	51	0.52	0.66
57	7.1	7.0	57	228	253	57	64	76	57	38	50	57	0.69	0.60
58	6.7	6.9	58	223	256	58	60	68	58	42	48	58	0.76	1.29
67	8.0	6.9	67	417	256	67	156	104	67	66	66	67	0.68	1.20
Initials	BH	BH	Initials	BH	BH	Initials			Initials			Initials		
QA			QA			QA			QA			QA		

Initial RCF Water Quality

Date	16 Apr04	17 Apr04	18 Apr04	19 Apr04	20 Apr04	21 Apr04	22 Apr04	23 Apr04	24 Apr04	26 Apr04
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9
Temp	19.9	21.2	21.5	21.6	21.5	22.2	22.1	22.1	22.0	22.1
DO	9.2	8.4	8.6	8.9	8.7	8.6	8.2	8.9	8.7	8.6
Initials										
QA										

Notes:

DATE: 16 Apr 04 **TIME:** 1030 **CLIENT#:** 119-3646-3652 **TECHNICIAN:** J

Standard Concentration (mg/L)	Log Transformed (y)	mV (x)	
0.1	-1	5 min 41.5	Read-1 41.7
1.0	0	1 min 7.6	-5.5
10.0	1	-66.3	-66.8
100.0	2	-112.6	-112.9

$\bar{x} = 51.5$

a = -0.18
b = -0.01
r = -0.99

Ammonia Analysis (y = mg/l total ammonia) By SM 4500 NH_3-F
y^x = Log Base 10

Day 0

ID	‰	pH	°C	mV	y^x	y
Control	NA	8.0	22.1	~~21.0~~ 17.4	-0.51	0.31
B02		6.7	22.0	-11.0	0.03	1.07
B03		6.7	22.0	-3.1	-0.12	0.76
NB03		6.9	22.3	-10.1	0.01	1.02
B04		6.7	22.4	5.1	-0.28	0.52
~~B04~~ B05		6.9	22.4	-1.3	-0.16	0.69
B06		7.1	22.2	-1.2	-0.16	0.69
04ICW19A102		7.1	22.2	15.8	-0.48	0.33
Control	NA	8.0	22.1	-0.4	-0.17	0.68

Ammonia

DATE: 26 Apr 04 TIME: 0950 CLIENT#: 119-3646-3652 TECHNICIAN: [illegible]

Standard Concentration (mg/L)	Log Transformed (y)	mV (x)		
0.1	-1	8 min 39.0	Ready 39.7	
1.0	0	1 min -1.2 40.2	-9.4	49.1
10.0	1	-67.7 66.5	-71.3	61.9
100.0	2	-131.4 63.7	-131.5	60.2

$\bar{x}$ = 57.1

a = -0.25
b = -0.01
r = -0.99

Ammonia Analysis (y = mg/l total ammonia) By SM 4500 NH_3-F
y^x = Log Base 10

Day 10

ID	‰	pH	°C	mV	y^x	y
Control	NA	7.0	22.8	-26.1	0.20	1.58
B02		6.9	22.7	~~-11.4~~ -29.9	0.27	1.86
B03		6.9	22.8	-20.8	0.11	1.29
NB03		7.0	22.7	-20.4	0.11	1.29
B04		7.3	22.8	-4.1	-0.18	0.66
B05		6.9	22.6	-19.3	0.09	1.23
B06		7.0	22.9	-1.4	-0.22	0.60
04/W19A102		7.4	22.9	7.6	-0.38	0.42
Control		6.9	22.8	-18.7	0.08	1.20

Ammonia

DO ≤ 2.5 mg/L = need aeration

Hyalella azteca
Physical Data Sheet

Test # 119-3646-3652 **Day 0/Day 10:** 16 Apr 04 / 26 Apr 04

DISSOLVED OXYGEN

Date / Jar #	16 Apr Day 0	17 Apr Day 1	18 Apr Day 2	19 Apr Day 3	20 Apr Day 4	21 Apr Day 5	22 Apr Day 6	23 Apr Day 7	24 Apr Day 8	25 Apr Day 9	26 Apr Day 10
1	5.8	6.5	6.9	8.4	8.0	7.7	7.6	8.2	7.9	7.4 8.1	8.0
2	5.3	6.6	7.2	8.5	8.1	7.9	7.5	8.2	7.8	7.6 8.1	7.9
3	6.3	6.5	7.3	8.6	8.2	8.0	7.5	8.2	7.8	7.5 8.0	7.9
4	5.8	6.5	6.4	8.5	8.2	7.9	7.3	8.0	7.6	7.4 7.7	7.9
5	6.5	7.6	7.5	8.5	8.3	7.9	7.4	8.2	7.5	7.6	7.9
6	6.2	7.2	7.4	8.5	8.3	8.0	7.5	8.1	7.6	7.6	7.9
7	7.6	7.5	7.5	8.7	8.3	8.0	7.4	8.1	7.7	7.7	8.0
8	5.3	6.6	6.9	8.6	8.1	8.0	7.2	7.9	7.7	8.0	7.7
9	4.7	6.3	6.5	A 8.5 7.4	8.0	7.8	6.7	7.8	7.5	7.4	7.7
10	7.0	6.6	6.9	A 8.4 7.1	8.1	7.9	6.8	7.8	7.4	7.4	7.6
11	7.3	7.0	7.1	A 8.5 7.9	8.2	7.9	7.1	7.9	7.5	7.5	7.7
12	7.3	6.7	7.0	A 8.2 7.4	8.2	7.9	7.2	7.9	7.5	7.6	7.7
13	A 8.7.5	7.3	7.5	7.4 A 8 M 6.9	8.4	7.9	7.2	8.0	7.4	7.2	7.7
14	7.6	6.5	6.5	6.9	8.2	7.9	7.3	7.8	7.4	7.3	7.6
15	7.7	6.5	6.9	7.4	8.4	8.0	7.0	7.9	7.3	7.0	7.7
16	7.0	6.2	6.3	6.9	8.3	7.9	7.0	7.9	7.1	7.9	7.5
17	8.2	7.6	7.5	8.5	8.4	7.9	7.0	7.9	7.3	7.9	7.6
18	6.7	7.0	7.0	8.4	8.2	7.9	7.0	8.0	7.3	8.0	7.7
19	7.6	7.0	7.0	8.5	8.5	7.9	7.1	7.9	7.3	8.0	7.8
20	3.9	6.1	Xp 6.3	8.2	8.3	7.9	6.9	7.7	7.3	8.0	7.7
21	6.2	6.4	7.0	8.3	8.3	7.9	6.9	7.9	7.3	8.0	7.6
22	6.8	6.5	6.5	8.2	8.2	7.9	6.8	7.7	7.4	7.9	7.6
23	6.1	6.0	6.5	8.0	8.1	7.5	6.7	7.5	7.4	7.6	7.6
24	7.4	6.1	7.0	8.5	8.4	7.8	7.0	8.0	7.4	7.7	7.7
25	7.8	6.8	7.5	8.5	8.1	7.8	7.3	8.5	7.6	7.7	7.6
26	8.2	7.2	7.6	8.5	8.3	7.8	7.3	8.5	7.6	7.8	7.5
27	5.7	6.6	7.0	8.4	7.9	7.7	7.3	8.4	7.5	7.7	7.4
28	8.5	7.2	7.5	8.4	8.1	7.7	7.1	8.4	7.4	7.7	7.5
29	7.3	7.5	7.5	8.4	8.1	7.7	7.2	8.3	7.5	7.7	7.4
30	4.6	6.0	6.1	8.2	7.8	7.3	6.7	8.3	7.5	7.5	7.7
31	7.5	6.3	6.6	8.2	7.9	7.4	6.9	8.4	7.4	7.3	7.4
32	5.7	6.1	6.4	8.1	8.0	7.5	6.7	8.2	7.0	7.4	7.3
33	7.1	6.5	6.7	7.9	7.7	7.5	6.7	8.1	7.0	7.4	7.3
34	5.7	6.7	6.9	7.1	7.8	7.4	6.7	8.3	7.0	7.4	7.4
35	7.4	6.3	6.7	7.6	8.1	7.5	7.1	8.3	7.0	7.4	7.6
36	7.3	6.5	6.5	6.9	7.8	7.4	6.9	8.1	7.1	7.5	7.3
Initial	AL	CP	CP	AL	AL	AL	CP	AL	CP	AL	BH
QA											

Notes:

DO ≤ 2.5 mg/L = need aeration

Hyalella azteca
Physical Data Sheet

Test # 119-3646-3652 Day 0/Day 10 16 Apr 04/26 Apr 04

DISSOLVED OXYGEN

Date	16 Apr	17 Apr	18 Apr	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	26 Apr
Jar #	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
37	5.8	7.0	7.0	7.0	7.9	7.4	6.9	8.1	7.4	7.5	8.0
38	7.3	6.4	6.7	7.5	8.1	7.5	6.9	8.2	7.5	7.5	7.7
39	5.6	6.6	6.8	7.4	8.1	7.5	6.9	8.2	7.1	7.4	7.5
40	6.9	6.4	7.1	8.0	8.1	7.5	6.9	8.2	7.3	7.3	7.8
41	3.9	6.5	6.5	7.7	7.7	7.3	6.6	8.2	6.8	7.2	7.5
42	7.1	6.4	6.7	7.8	7.5	7.3	6.7	8.1	7.2	7.2	7.4
43	5.9	6.1	6.4	7.7	7.5	7.1	6.5	8.1	7.1	7.1	7.3
44	5.1	5.8	6.7	7.8	7.5	7.5	6.7	8.2	7.1	7.1	7.5
45	6.2	6.4	6.5	7.7	7.4	7.4	6.6	8.1	7.1	7.3	7.3
46	7.0	6.4	6.5	7.7	7.6	7.4	6.6	8.1	7.0	7.4	7.4
47	5.7	5.8	6.2	7.7	7.4	7.4	6.6	8.2	7.0	7.5	7.2
48	6.2	6.1	6.8	8.2	7.9	7.4	6.7	8.2	7.6	7.4	7.4
49	6.6	6.7	7.1	7.6	7.8	7.5	7.4	7.8	7.6	7.4	7.3
50	6.6	6.6	7.1	7.8	7.4	7.5	7.4	7.7	7.4	7.5	7.3
51	6.4	6.7	6.6	7.4	7.4	7.4	7.3	7.5	7.0	7.4	7.0
52	4.6	5.6	6.0	7.6	7.1	6.9	6.8	7.5	7.3	7.1	7.0
53	5.1	6.2	7.1	7.1	7.5	7.5	6.9	7.7	7.4	7.3	7.1
54	4.9	6.0	6.6	6.7	7.5	7.2	6.8	7.6	7.0	7.3	7.1
55	5.8	6.5	6.9	7.2	8.0	7.3	6.8	7.6	7.1	7.4	7.1
56	4.4	5.4	6.3	7.1	7.6	7.1	6.8	7.5	6.9	7.2	6.9
57	6.0	6.2	6.5	7.1	7.5	7.1	6.8	7.6	7.1	7.2	6.9
58	4.3	5.8	6.0	6.9	7.3	6.8	6.7	7.5	6.8	7.0	6.8
59	6.5	6.0	6.2	6.4	7.3	6.9	6.7	7.5	6.7	7.0	6.8
60	6.0	6.6	6.9	8.1	8.0	7.1	7.2	7.9	7.0	7.1	7.4
61	4.4	5.6	6.2	7.3	7.6	6.9	6.8	7.7	6.8	7.1	7.0
62	5.5	6.2	6.6	7.0	7.5	6.9	6.8	7.6	6.8	7.0	7.1
63	4.2	5.7	6.0	6.6	7.1	6.7	6.8	7.6	6.8	7.0	7.0
64	5.6	6.0	6.2	7.5	7.2	6.7	6.5	7.6	6.5	6.9	7.0
65	6.3	6.6	7.0	8.3	7.8	7.5	6.6	7.9	8.0	7.1	7.1
66	6.8	7.0	7.3	8.3	7.8	7.4	7.0	7.9	7.7	7.3	7.2
67	6.9	6.4	6.9	8.2	8.0	7.4	7.0	8.0	7.8	7.3	7.5
68	4.2	5.7	6.2	7.5	7.6	6.9	7.1	7.9	7.2	6.9	7.2
69	5.0	6.3	6.8	7.5	7.4	7.0	6.7	7.9	7.2	6.9	7.2
70	5.5	6.4	6.6	7.5	7.4	7.0	6.6	7.8	7.2	7.0	7.1
71	4.8	5.9	6.5	7.4	7.4	6.9	6.6	7.7	7.1	6.8	7.2
72	5.2	5.9	6.4	7.4	7.7	6.8	6.6	7.7	7.1	6.8	7.3
Initials	AH	CP	CP	AH	AH	AH	CP	AH	CP	AH	BH
QA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Notes:

Maintain Temps @ 23°C ± 1

Hyalella azteca
Physical Data Sheet

Test # 119-3646-3652 Day 0/Day 10: 16 Apr 04 / 26 Apr 04

TEMPERATURE

Date	16 Apr	17 Apr	18 Apr	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	26 Apr
Jar #	Day 0 *	Day 1	Day 2	Day 3 *	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
1	(22.1) 20.2	22.4	22.2	21.7	22.2	22.6	22.6	22.8	22.7	23.0	22.7
2	20.1	22.3	22.1	21.7	22.1	22.4	22.4	22.7	22.6	22.9	22.6
3	20.1	22.4	22.2	21.7	22.1	22.3	22.4	22.6	22.5	22.8	22.4
4	20.3	22.4	22.2	21.8	22.1	22.3	22.5	22.5	22.6	22.7	22.4
5	20.4	22.5	22.3	22.2	22.2	22.5	22.4	22.8	22.7	23.0	22.6
6	20.4	22.4	22.2	22.0	22.1	22.4	22.4	22.6	22.7	22.9	22.5
7	20.2	22.5	22.3	22.0	22.1	22.4	22.4	22.6	22.5	22.8	22.4
8	20.3	22.4	22.2	22.1	22.1	22.2	22.5	22.6	22.5	22.8	22.4
9	20.1	22.6	22.4	22.1	22.6	22.6	22.4	22.7	22.8	23.1	22.6
10	* 19.9	22.6	22.3	22.0	22.4	22.4	22.4	22.5	22.7	23.0	22.5
11	19.8	22.6	22.2	21.9	22.3	22.3	22.4	22.5	22.4	22.8	22.5
12	19.7	22.6	22.3	22.0	22.3	22.3	22.4	22.4	22.6	22.8	22.5
13	19.8	22.8	22.3	22.0	22.6	22.7	22.4	22.7	22.9	23.2	22.7
14	19.3	22.5	22.3	22.0	22.4	22.5	22.4	22.5	22.7	23.0	22.5
15	19.9	22.6	22.3	22.0	22.3	22.4	22.4	22.5	22.5	22.8	22.4
16	20.0	22.6	22.3	22.0	22.3	22.4	22.4	22.5	22.5	22.8	22.4
17	19.5	22.7	22.5	22.3	22.7	22.7	22.5	22.7	22.8	23.2	22.7
18	19.9	22.7	22.4	22.1	22.5	22.5	22.4	22.7	22.7	22.8	22.6
19	19.5	22.7	22.2	22.0	22.4	22.4	22.4	22.5	22.6	22.7	22.5
20	(22.0) 20.5	22.7	22.4	22.0	22.5	22.4	22.4	22.5	22.7	22.7	22.4
21	20.7	22.9	22.5	22.3	22.8	22.7	22.3	22.8	22.8	22.9	22.7
22	20.0	22.8	22.3	22.0	22.6	22.5	22.4	22.5	22.7	22.9	22.5
23	19.2	22.7	22.3	22.0	22.5	22.4	22.4	22.5	22.5	22.7	22.5
24	19.4	22.7	22.3	22.1	22.4	22.4	22.5	22.5	22.6	22.7	22.5
25	19.9	22.8	22.5	22.5	22.9	23.0	22.5	22.7	22.7	23.0	22.8
26	20.5	22.7	22.4	22.3	22.7	22.7	22.4	22.5	22.5	22.7	22.6
27	19.9	22.7	22.4	22.2	22.6	22.5	22.4	22.2	22.6	22.7	22.7
28	19.4	22.7	22.4	22.2	22.6	22.4	22.5	22.2	22.6	22.6	22.7
29	20.3	22.9	22.5	22.5	22.9	22.8	22.5	22.6	22.8	22.9	22.9
30	20.6	22.8	22.4	22.2	22.6	22.5	22.4	22.3	22.5	22.9	22.7
31	19.5	22.7	22.4	22.2	22.5	22.5	22.3	22.1	22.6	22.8	22.6
32	19.9	22.7	22.4	22.1	22.7	22.4	~~22.4~~ 22.3	22.1	22.5	22.7	22.7
33	20.3	22.9	22.5	22.4	22.9	22.7	22.5	22.5	22.7	22.8	22.6
34	20.4	22.7	22.4	22.1	22.9	22.6	22.4	22.3	22.7	22.7	22.6
35	19.9	22.7	22.2	22.0	22.8	22.5	22.3	22.3	22.5	22.6	22.6
36	(22.3) 19.9	22.7	22.4	22.0	22.8	22.5	22.3	22.3	22.5	22.7	22.7
Initial	AH	CP	CP	AH	AH	AH	CP	BH	CP	AH	AH
QA				*							

Notes: * thermostate adjusted ( ) = remeasured temps @ 1600

Maintain Temp @ 23°C ± 1

Hyalella azteca
Physical Data Sheet

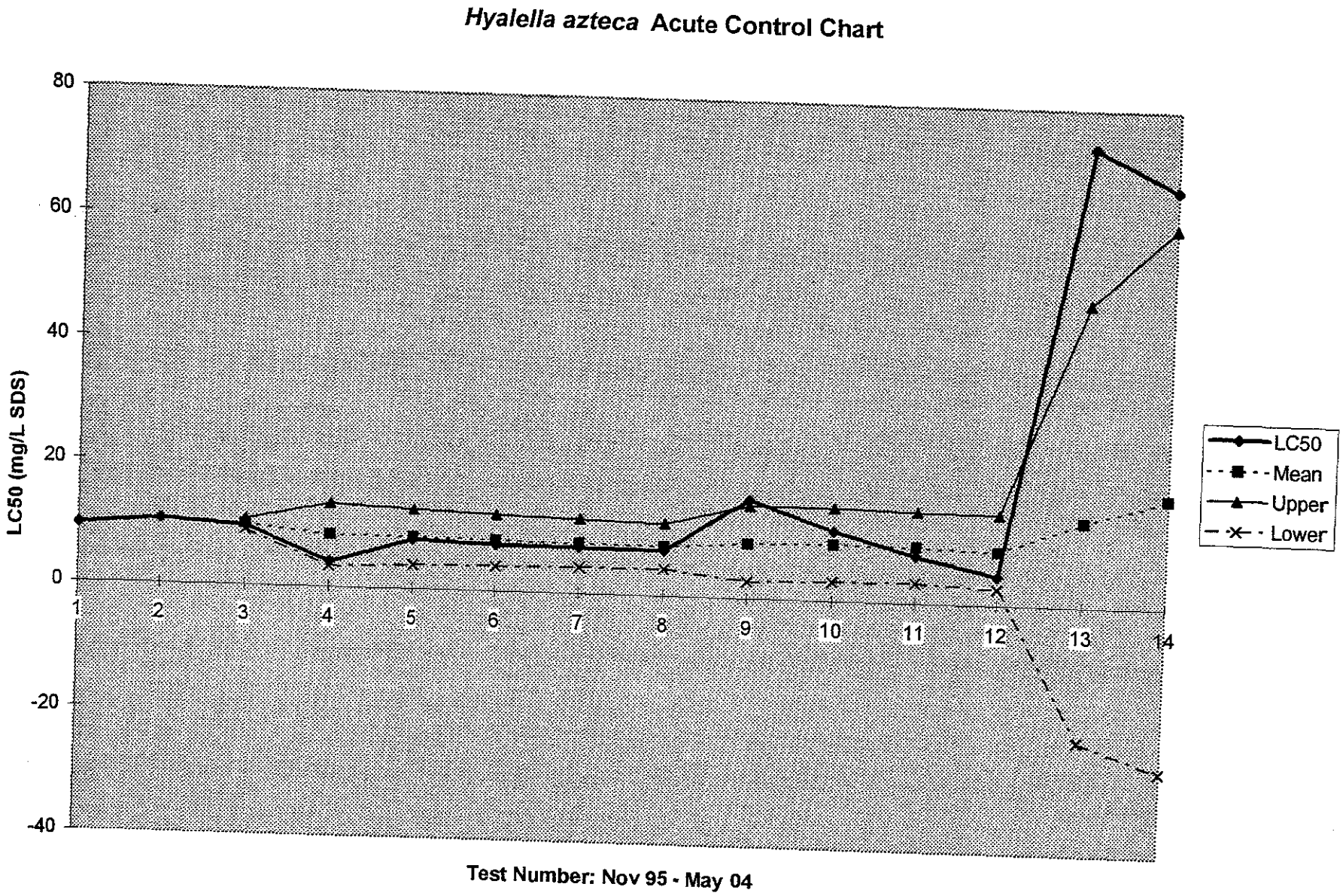
Test # 119-3646-3652 Day 0/Day 10 16 Apr 04 / 26 Apr 04

TEMPERATURE

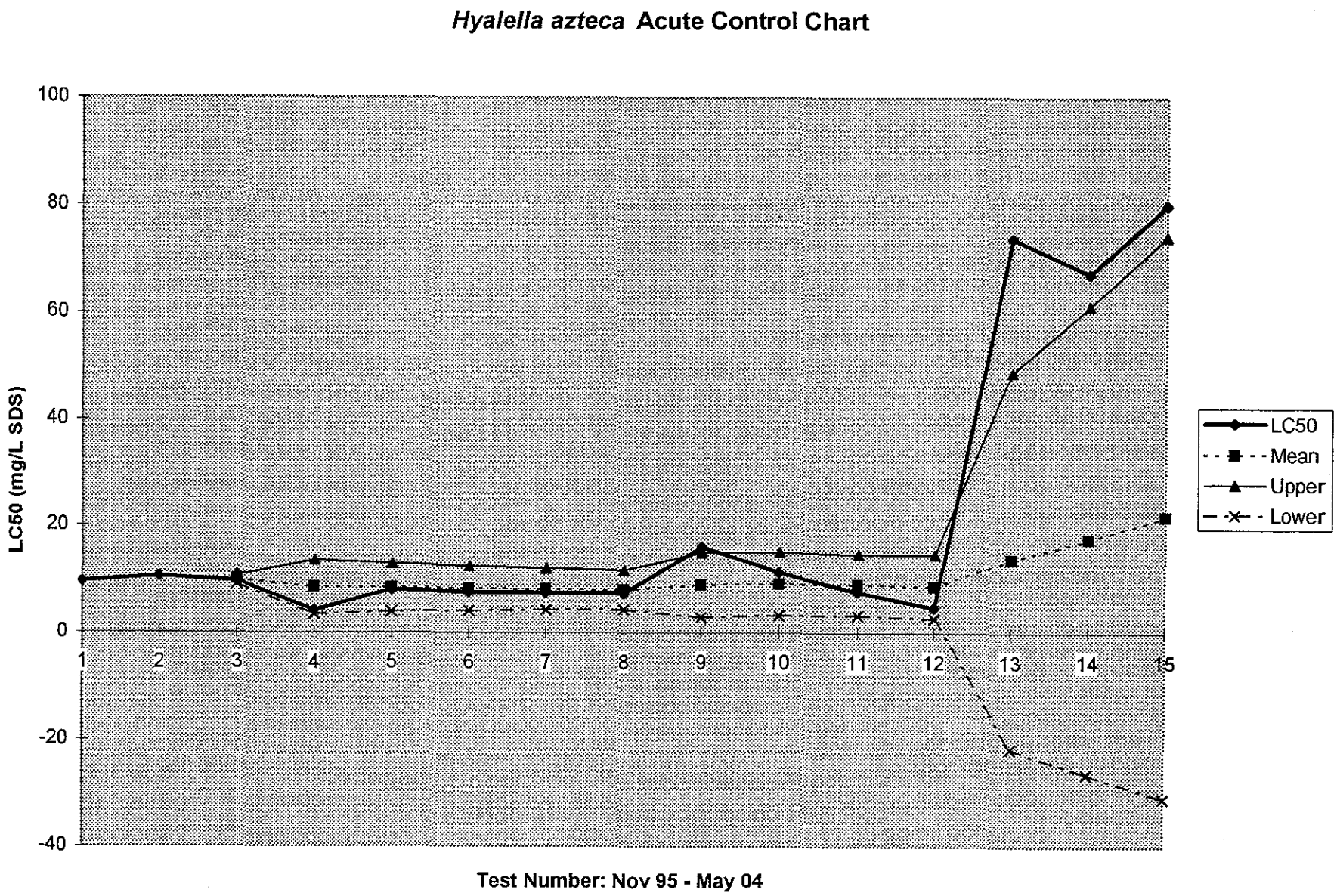
Date	16 Apr	17 Apr	18 Apr	19 Apr	20 Apr	21 Apr	22 Apr	23 Apr	24 Apr	25 Apr	26 Apr
Jar #	Day 0	Day 1	Day 2	Day 3 *	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
37	19.9	22.9	22.5	22.3	23.0	22.6	22.4	22.4	22.6	23.0	22.6
38	20.4	22.7	22.3	22.1 ~~21.7~~	22.8	22.6	22.2	22.5	22.4	23.0	22.6
39	~~19~~ 20.5	22.6	22.3	22.1	22.7	22.7	22.2	22.4	22.4	22.9	22.6
40	20.6	22.7	22.2	22.3	22.8	22.6	22.2	22.4	22.6	22.8	22.7
41	20.2	22.9	22.5	22.7	23.2	22.7	22.4	22.4	22.6	23.1	22.7
42	20.2	22.8	22.4	22.4	22.9	22.5	22.3	22.3	22.5	23.1	22.7
43	20.2	22.7	22.3	22.2	22.8	22.4	22.3	22.5	22.5	23.0	22.7
44	20.7	22.7	22.3	22.2	22.9	22.6	22.3	22.4	22.7	22.8	22.7
45	20.5	23.0	22.5	22.4	23.0	22.7	22.4	22.5	22.4	23.2	22.6
46	20.4	22.8	22.4	22.4	22.9	22.7	22.3	22.2	22.5	22.9	22.7
47	20.4	22.7	22.3	22.3	22.6	22.5	22.2	22.0	22.4	22.8	22.7
48	20.5	22.8	22.2	22.3	22.7	22.6	22.2	22.4	22.4	22.8	22.7
49	20.5	22.8	22.4	22.7	23.4	22.6	22.4	22.8	22.5	23.1	22.9
50	20.5	22.7	22.4	22.4	23.0	22.6	22.3	22.8	22.5	23.0	22.8
51	20.7	22.7	22.3	22.3	23.0	22.5	22.3	22.6	22.5	23.0	22.8
52	20.7	22.8	22.4	22.4	23.1	22.5	22.2	22.7	22.6	22.7	22.8
53	20.4	23.0	22.5	22.7	23.2	22.9	22.3	22.9	22.8	23.1	22.9
54	(22.1) 20.4	22.9	22.4	22.5	22.9	22.7	22.3	22.6	22.4	23.0	22.8
55	20.4	22.8	22.4	22.3	22.9	22.7	22.3	22.3	22.5	23.0	22.7
56	20.7	22.8	22.4	22.3	22.9	22.5	22.2	22.3	22.6	22.9	22.6
57	20.5	23.0	22.7	22.7	23.6	22.8	22.3	22.5	22.7	23.2	22.9
58	20.5	22.9	22.5	22.5	23.3	22.7	22.2	22.4	22.4	23.1	22.8
59	19.8	22.8	22.4	22.3	23.2	22.7	22.2	22.3	22.4	23.0	22.7
60	20.7	22.8	22.4	22.3	23.1	22.7	22.2	22.6	22.6	22.7	22.7
61	20.7	23.0	22.6	22.7	23.6	22.9	22.3	22.8	22.8	22.9	22.9
62	20.5	22.9	22.5	22.4	23.3	22.8	22.2	22.6	22.6	22.8	22.9
63	20.3	22.8	22.4	22.4	23.3	22.8	22.2	22.6	22.6	22.8	22.8
64	20.0	22.7	22.4	22.4	23.1	22.8	22.2	22.5	22.6	22.8	22.8
65	20.7	22.8 ~~20.8~~	22.4	22.5	23.6	22.9	22.3	22.7	22.7	23.1	22.9
66	20.6	22.8	22.5	22.4	23.5	22.8	22.3	22.6	22.7	23.0	22.8
67	20.4	22.8	22.3	22.4	23.1	22.7	22.2	22.5	22.5	22.8	22.8
68	20.4	22.8	22.4	22.4	23.1	22.7	22.2	22.5	22.4	22.7	22.8
69	20.7	23.0	22.4	22.8	23.6	22.9	22.3	22.7	22.7	23.1	22.8
70	20.8	22.9	22.5	22.6	23.3	22.9	22.3	22.7	22.7	23.0	22.8
71	20.8	22.9	22.4	22.5	23.1	22.8	22.3	22.6	22.7	23.0	22.8
72	(22.3) 20.5	22.9	22.4	22.5	23.3	22.8	22.2	22.4	22.7	22.8	22.8
Initials	AG	CP	CP	AG	AG	AG	CP	BH	CP	AG	AG
QA	✓	✓	✓	✓ *	✓	✓	✓	✓	✓	✓	✓

Notes: * Thermostate adjusted ( ) = re-messured temps @ 1600

APPENDIX B


Hyalella azteca Acute Control Chart
LC50 (mg/L SDS)
80
60
40
20
0
-20
-40
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Test Number: Nov 95 - May 04
LC50
Mean
Upper
Lower

Hyalella azteca **48 Hour Quality Assurance Reference Toxicity Test With SDS**									
Date (Test #)		LC50	Mean	Upper	Lower				
1		9.51							
2		10.47							
3		9.66	9.88	10.723	9.0367				
3-Jul-97		4.14	8.445	13.469	3.4206				
1-Aug-98		8	8.356	12.864	3.848				
18-Jul-99		7.5	8.2133	12.378	4.0489				
11-Aug-00		7.4	8.0971	11.994	4.1999				
26-Aug-01		7.35	8.0038	11.683	4.3249				
3-Jul-02		15.95	8.8867	14.967	2.8059				
16-Jul-02		11.31	9.129	15.078	3.1799				
23-Jul-02		7.58	8.9882	14.73	3.2464				
3-Oct-03		4.7	8.6308	14.617	2.6442				
18-Apr-04		73.89	13.651	48.902	-21.6				
5-May-04		67.3	17.483	61.272	-26.31				


Hyalella azteca Acute Control Chart
LC50 (mg/L SDS)
100
80
60
40
20
0
-20
-40
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
LC50
Mean
Upper
Lower
Test Number: Nov 95 - May 04

Hyalella azteca **48 Hour Quality Assurance Reference Toxicity Test With SDS**									
Date (Test #)		LC50	Mean	Upper	Lower				
1		9.51							
2		10.47							
3		9.66	9.88	10.723	9.0367				
3-Jul-97		4.14	8.445	13.469	3.4206				
1-Aug-98		8	8.356	12.864	3.848				
18-Jul-99		7.5	8.2133	12.378	4.0489				
11-Aug-00		7.4	8.0971	11.994	4.1999				
26-Aug-01		7.35	8.0038	11.683	4.3249				
3-Jul-02		15.95	8.8867	14.967	2.8059				
16-Jul-02		11.31	9.129	15.078	3.1799				
23-Jul-02		7.58	8.9882	14.73	3.2464				
3-Oct-03		4.7	8.6308	14.617	2.6442				
18-Apr-04		73.89	13.651	48.902	-21.6				
5-May-04		67.3	17.483	61.272	-26.31				
30-May-04		80	21.651	74.21	-30.91				

Appendix H

Comparison of Digestion Techniques

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Environmental Contamination and Toxicology

Comparison of Digestion Techniques in Analyses for Total Metals in Marine Sediments

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It is generally recognized that in order to achieve a complete dissolution all metals within a sediment, some combination of hydrofluoric acid (HF) with other acids is required to release all metals from their silicate structures. This is because silicates are resistant to most mineral acids. Previous studies by Loring and Rantala (1988) assessed laboratory variability in determining total metal concentrations using hydrofluoric acid (HF) and nitric acid (NA) dissolution and extraction procedures. Studies on trace metal concentrations in estuarine and coastal marine sediments from the southeast US, and Florida in particular, recognized the need for a HF digestion (Windom et al. 1989). Schropp et al. (1990) used a HF digestion method to determine 'natural' metal-to-aluminum relationships for Florida sediments.

To meet the requirements of the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), USEPA has established the Contract Laboratory Program (CLP) as an analytical standard. This method employs a NA digestion for estuarine and marine sediment metals analysis. However, since digestion method techniques under the CLP program are different than those used by Schropp et al. (1990), a comparison of the methods was in order. The results of this comparison could allow using the regression lines provided by FDER (1988) or Schropp et al. (1990) on sediments analyzed under the CLP for CERCLA. The overall study objective was to determine if metal data analyzed by a CLP NA digestion was comparable to metal data produced by using a HF digestion method.

MATERIALS AND METHODS

Twenty-nine locations within Pensacola Bay and Bayou Grande, Florida, were randomly selected for a

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comparative sediment digestion analysis. These sampling locations were examined after selection to ensure a variety of bottom types. This was done to prevent one bottom type from dominating the study. From December 1995 to February 1996, sediment samples were collected using a stainless-steel Ekman grab (529 cm^2). Two grab samples were collected from the top 5 to 6-cm and placed in a stainless-steel mixing bowl for compositing. From this composite sample, pre-cleaned containers were filled for immediate shipment to the laboratory. Samples were stored and shipped on ice within 24 hrs by a priority delivery service.

Each of the 29 samples were divided by the lab into two aliquots to be analyzed by inductively coupled plasma (ICP) emission spectroscopy. One aliquot would be digested in accordance with the standard procedure using NA, while the other would utilize a 50:50 mixture of HF and NA (1:1). Both digestion methods use 1 g (wet weight ± 0.50 g) of sediment weighed into an acid-washed Teflon beaker. Under the CLP NA digestion, the sample is allowed to reflux at 95°C with 10 mL of 1:1 nitric acid for 10 minutes without boiling. The digestate was then allowed to cool and 30% hydrogen peroxide added in 1 mL aliquots until no further vigorous effervesce was noted. No more than 10 mL of hydrogen peroxide was added at any time. Since these samples were to be analyzed by ICP, hydrochloric acid was added to the final acid-peroxide digestate. Insoluble materials were then filtered through a Whatman no.42 filter and brought to 100 mL volume by adding ASTM Type II water.

The method was modified to include the HF by using 5 mL of HF and 5 mL of NA (1:1) allowing the mixture to sit at room temperature for eight to twelve hrs. Next gentle heat (~ 70° C) was applied and the samples were allowed to reflux for eight to twelve hrs. The higher temperatures used in the CLP procedure would cause the HF mixture to boil. It was believed that boiling the acid mixture may affect the study results. At the end of this period another 5 mL of each acid was added to the samples. The samples were again refluxed for eight to twelve hrs at ~ 70°C. As before, hydrochloric acid was added to the digestate, filtered, and brought to 100 mL volume by adding ASTM Type II water.
Both types of digestates were analyzed for total metals in accordance with the CLP inorganic statement of work ILM03.0 for ICP. To meet the requirements of this study, trace ICP emission spectroscopy was used to

provide low level analysis modifying the interference check sample to include low level arsenic and lead.

The individual metal analytical results were first tested for relationships between the two digestion procedures. To illustrate the relationship between the HF and NA digestates, scatter plots were produced. Each ordered pair (x,y) representing x = NA and y = HF was plotted as a point; the similarity between the different digestion methods is illustrated by their closeness to the x = y line. If x is greater than y, most of the data will fall below the line. When y exceeds x, the data will lie largely above the x = y line.

To test whether the HF digestion tended to produce overall larger values than those produced by NA digestion, the Mann-Whitney rank-sum test was employed (Helsel and Hirsh, 1995). This non-parametric procedure can assess whether two independent groups differ. This non-parametric approach was used rather than a parametric t-test based on the results of normality testing. Although these distributions could be transformed to approach normality, justification for the use of a non-parametric versus a parametric test was based on discussions by Blair and Higgins (1980). They found that small deviations from a normal distribution were not always detectable in normality tests on small data sets, and that the use of non-parametric methods, such as the Mann-Whitney rank-sum test, exhibited large advantages in power over the t-test.

Finally, data produced by both digestion methods were plotted on regression lines found in FDER (1988) to evaluate where each digestion distribution for each metal occurred relative to the Schropp et al. (1990) and FDER (1988) regression lines for 'clean' sediments. It was hoped that differences in the digestion methods might be clarified so that past and future CLP NA data could be assessed with these regressions.

RESULTS AND DISCUSSION

Table 1 provides a comparison of descriptive statistics produced from the two digestion procedures. Comparing the mean and median results for HF to CLP NA digestion revealed no apparent differences with the exception of nickel. The distributions are likely not normal suggested by the high standard deviations. Based on the

Mann-Whitney Test, no statistical significant difference was found between the two data sets.

Table 1. Descriptive Statistics for HF and NA Metals Digestion Methods

	N	Mean (mg/kg)	Median (mg/kg)	St. Dev.	SE Mean	Mann-Whitney[a] Results
HF-Al	29	11,869	3,640	15,836	2,941	+
NA-Al	29	8,134	3,490	10,448	1,940	
HF-As	29	5.63	2.20	6.52	1.21	+
NA-As	29	6.18	3.20	7.08	1.32	
HF-Cd	29	1.15	0.46	1.15	0.21	+
NA-Cd	29	1.03	0.45	1.03	0.19	
HF-Cr	29	54.4	13.3	72.1	13.4	+
NA-Cr	29	47.8	10.4	62.5	11.6	
HF-Cu	29	13.11	6.6	15.23	2.83	+
NA-Cu	29	11.59	6.8	12.90	2.40	
HF-Pb	29	34.73	20.8	42.64	7.92	+
NA-Pb	29	36.73	16.3	43.14	8.01	
HF-Ni	29	9.27	2.7	16.6	3.09	+
NA-Ni	29	4.46	2.6	4.9	0.91	
HF-Zn	29	54.7	18.9	66.0	12.3	+
NA-Zn	29	48.9	28.6	55.8	10.4	

NOTE:
[a] No significant difference (α=0.05) between method results indicated by +.
St.Dev. = standard deviation
SE = standard error

Scatter plots provided in Figure 1 exhibit a comparison of the two methods relative to increasing metal content. A general observation should be noted that metal content appears to be directly proportional to the variability observed. The data suggests nickel is more effectively dissolved at greater concentrations by the HF digestion method. It has been suggested that this may be due to nickel remaining bound to the matrix during the NA digestion. Cadmium also exhibited extreme variability as concentrations increased. The symmetrical nature of cadmium's scatter plot (Figure 1) suggests the precision of the method may be the problem

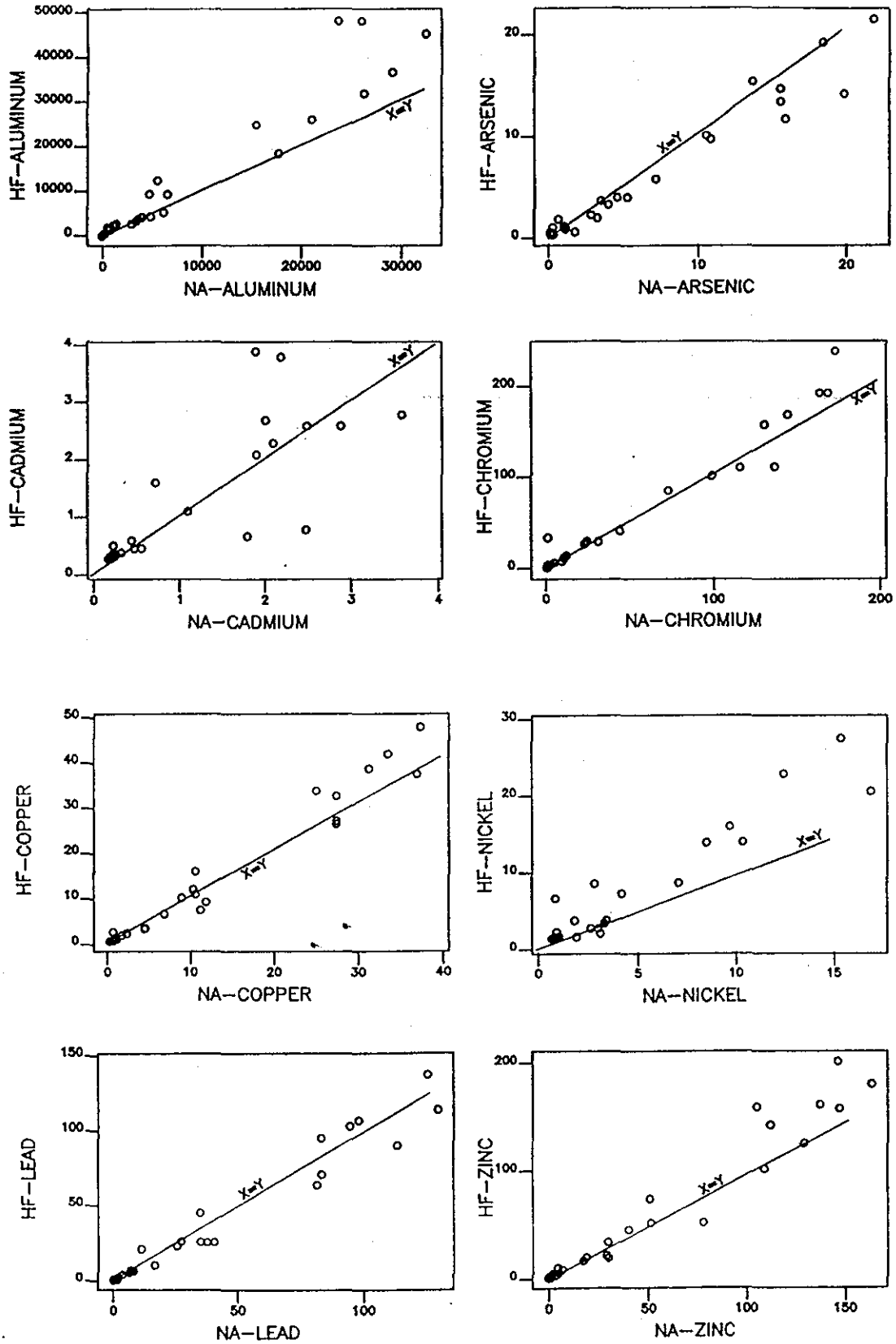

Figure 1. Metal concentrations (mg/Kg) from nitric (NA) and hydrofluoric (HF) digestion methods.

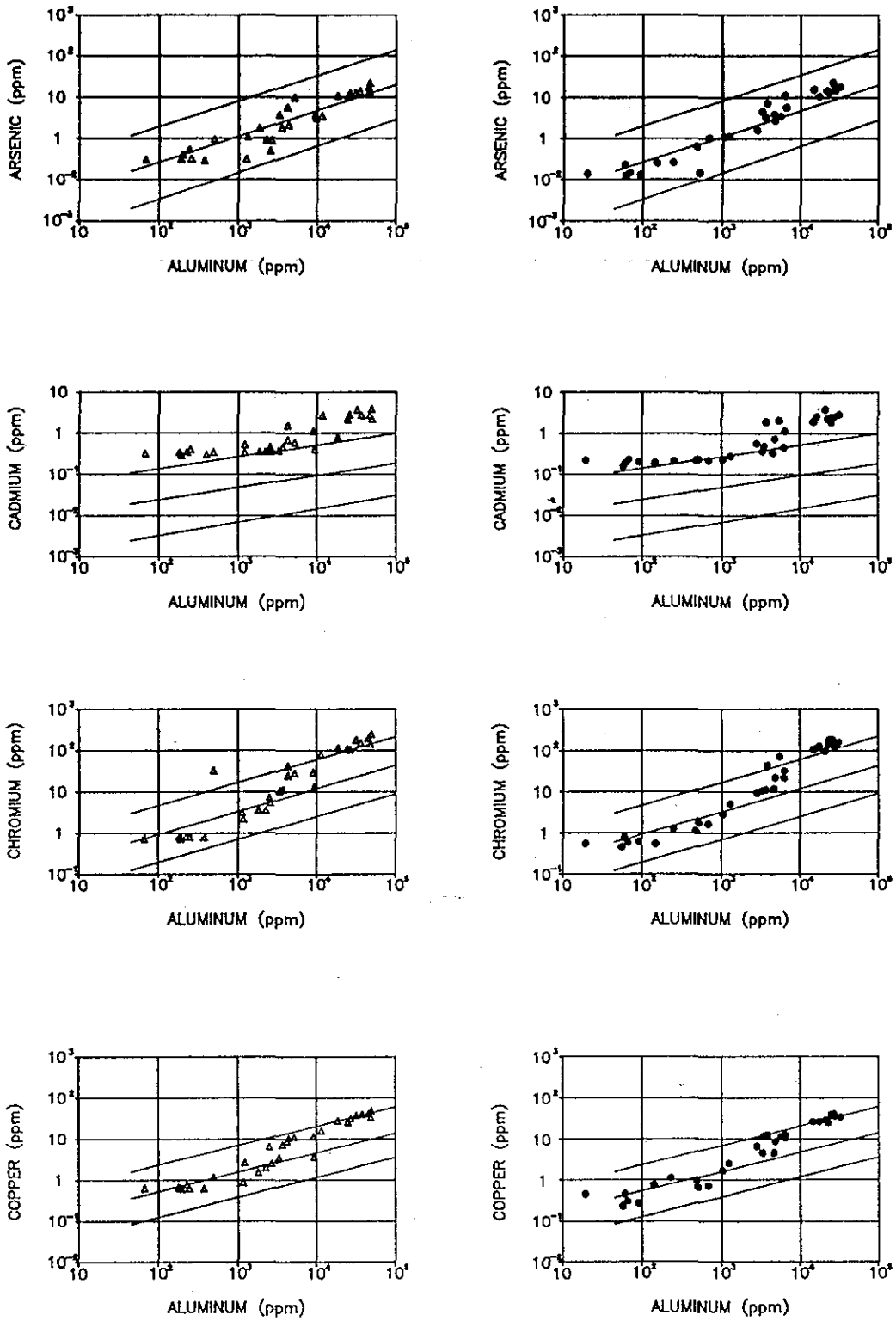

Figure 2. Nitric (NA) and hydrofluoric acid (HF) digestion results plotted on Florida (FDER, 1988) regression lines.

● = NITRIC ACID
Δ = HYDROFLUORIC ACID

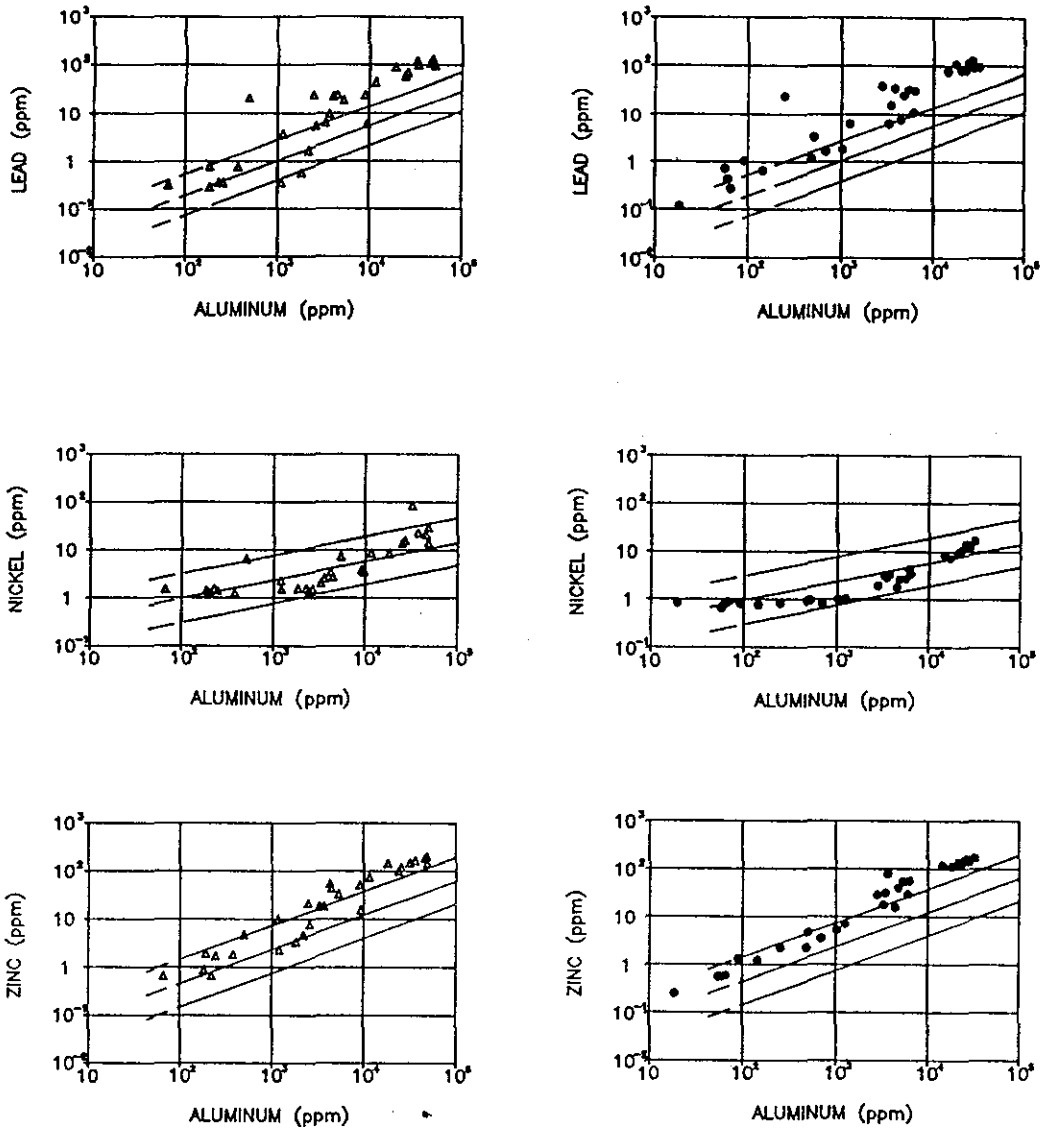

Figure 2. (cont.) Nitric (NA) and hydrofluoric acid (HF) digestion results plotted on Florida (FDER, 1988) regression lines.

● = NITRIC ACID
△ = HYDROFLUORIC ACID

and is not a function of the digestion technique used. The primary differences between the digestion methods were the HF addition, the length of reflux time, and the digestion temperature. Despite these differences, the aggressive HF digestion did not produce a significant difference in metals being dissolved for analysis.

The two data sets plotted on the FDER (1988) regression lines suggests that individual HF results appear higher than those produced by NA (Figure 2). This is likely due to the longer digestion time and aggressive nature of HF. Each metal has its own character of course, some metals appear identical. These findings suggest that ratios produced by the two methods are comparable. The data produced by NA methods conservatively predict anthropogenic metal contamination on the FDER (1988) regression lines.

Acknowledgments. Funding for this project was provided by Southern Division Naval Facilities Engineering Command. Special thanks to Messrs. Bill Gates and Bill Hill for their support of this study and to Dr. Steven Schropp for his technical input.

REFERENCES

Blair RC, Higgins JJ (1980) A comparison of the power of Wilcoxin's rank-sum statistic to that of student's t statistic under various nonnormal distributions. J Educ Statistics 5:309-335

FDER (1988) A guide to the interpretation of metal concentrations in estuarine sediments. Florida Dept Envir Reg, Coastal Zone Mgmt Sect, p 44

Helsel DR, Hirsch RM (1995) Statistical methods in water resources. Elsevier Science Publ, New York, NY, p 529

Loring DH, Rantala RTT (1988) An intercalibration exercise for trace metals in marine sediments. Mar Chem 24: 13-28

Schropp SJ, Lewis FG, Windom HL, Ryan JD, Calder FD, Burney LC (1990) Interpretation of metal concentrations in estuarine sediments of Florida using aluminum as a reference element. Estuaries 13: 227-235

Windom HL., Schropp SJ, Calder FD, Ryan JD, Smith RG, Burney Jr LC, Lewis FG, Rawlinson CH (1989) Natural trace metal concentrations in estuarine and coastal marine sediments of the southeastern United States. Environ Sci Tech 23:314-320