APPENDIX B

WATER AND SEDIMENT DATA SUMMARIES

Subsegment 030301, Upper Calcasieu Estuary and Ship Channel

Table B-1. SUBSEGMENT 030301, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criteria	Number > Chronic Criteria	Mean > Human Health Criterion
Copper	30	21	2.5	9.9	6.66	20	20	-
Lead	11	3	0.24	8.4	5.15	-	1	-
Mercury	6	1	0.058	0.058	0.0580	-	1	-
Zinc	11	7	1.6	87.3	26.80	-	1	-
1,1,1-Trichloroethane	2	-	1.6	-	-	-	-	-
1,1,2,2-Tetrachloroethane	2	-	1	-	-	-	-	-
1,1-Dichloroethylene	2	-	0.87	-	-	-	-	-
1,2-Dichloroethane	2	-	1.3	-	-	-	-	-
4,4'-DDD	2	-	0.015	-	-	-	-	-
4,4'-DDE	2	-	0.015	-	-	-	-	-
4,4'-DDT	2	-	0.015	-	-	-	-	-
Ammonia	-	-	-	-	-	-	-	-
Arsenic	24	17	0.43	25.5	6.33	-	-	-
Benzene	2	-	1.1	-	-	-	-	-
beta-Endosulfan	2	-	0.015	-	-	-	-	-
Bromoform	2	-	1.1	-	-	-	-	-
Cadmium	14	5	0.3	5.4	3.54	-	-	-
Calcium Metal	20	20	95,900	256,000	203,945	-	-	-
Carbon Tetrachloride	2	-	1.7	-	-	-	-	-
Chloroform	2	-	1.2	-	-	-	-	-
Chromium	8	-	0.7	-	-	-	-	-
Dieldrin	2	-	0.015	-	-	-	-	-
Endosulfan	2	-	0.015	-	-	-	-	-
Endrin	2	-	0.015	-	-	-	-	-
Ethylbenzene	2	-	1.2	-	-	-	-	-
Heptachlor	2	-	0.015	-	-	-	-	-
Heptachlor Epoxide	2	-	0.015	-	-	-	-	-
Hexachlorobutadiene	3	-	0.96	-	-	-	-	-
Methyl Chloride	2	-	1.1	-	-	-	-	-
Methylene Chloride	7	5	0.65	9	7.8	-	-	-
Nickel	19	16	1.6	6	4.0	-	-	-
PCBs	22	-	N/A	-	-	-	-	-
Phenol	2	-	2.1	-	-	-	-	-
Selenium	22	15	0.46	11	5.1	-	-	-
Tetrachloroethylene	2	-	4.4	-	-	-	-	-
Toluene	3	1	1	1	1.0	-	-	-
Toxaphene	2	-	1	-	-	-	-	-
Trichloroethylene	2	-	1.2	-	-	-	-	-

Table B-2. SUBSEGMENT 030301, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	25	15	0.81	64.2	7.61	-	1
Copper	29	21	2.5	36	9.2	20	20
Lead	24	16	0.17	25.9	2.47	-	1
Mercury	5	1	0.049	0.049	0.0490	-	1
Cadmium	11	3	0.3	1.7	1.57	-	-
Chromium	4	-	0.7	-	-	-	-
Nickel	24	22	2.1	8.1	4.59	-	-
Selenium	16	10	0.6	14	6.6	-	-
Zinc	6	1	1.6	18.7	18.70	-	-

Table B-3. SUBSEGMENT 030301, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	17	7	1.81	5.68	4.04	5	5
Mercury	15	1	0.05	0.13	0.130	-	1
Nickel	17	2	2.5	9.32	6.14	-	1
Arsenic	17	-	2.5			-	-
Cadmium	17	6	0.1	1.6	0.792	-	-
Chromium	17	5	0.58	2.97	1.09	-	-
Lead	17	-	2			-	-

Table B-4. SUBSEGMENT 030301, WATER, COPPER ANALYZED WITH CONVENTIONAL AND CLEAN TECHNIQUES, 2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Dissolved, Clean	12	12	?	2.09	1.17	-	-
Total, Clean	12	12	?	2.22	1.19		
Dissolved, Conventional	12	11	?	7.7	3.68	5	5
Total, Conventional	12	12	?	4.8	3.24		

Table B-5. SUBSEGMENT 030301, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/g oc)	Maximum Detected Value (μg/g oc)	Mean of Detected Values (μg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	35	-	0.232	-	-	-	-
1,1,2,2-Tetrachloroethane	35	-	0.348	-	-	-	-
1,2,4-Trichlorobenzene	44	-	0.0967	-	-	-	-
1,2-Dichlorobenzene	44	-	0.0967	-	-	-	-
1,3-Dichlorobenzene	44	-	0.101	-	-	-	-
1,4-Dichlorobenzene	44	-	0.0967	-	-	-	-
4-Bromophenyl Phenyl Ether	36	-	12.9	-	-	-	-
Benzene	35	-	0.155	-	-	-	-
beta-Endosulfan	35	-	0.0580	-	-	-	-
Biphenyl	25	-	76.0	-	-	-	-
Bromoform	35	-	0.290	-	-	-	-
Butylbenzyl Phthalate	36	-	7.47	-	-	-	-
Carbon Tetrachloride	35	-	0.271	-	-	-	-
Chlorobenzene	35	-	0.141	-	-	-	-
delta-BHC	35	1	0.0309	5.11	5.11	-	-
Dibenzofuran	36	1	12.7	428	428	-	-
Dieldrin	35	-	0.0387	-	-	-	-
Diethyl Phthalate	36	-	8.37	-	-	-	-
di-n-Butyl Phthalate	36	5	7.47	698	293	-	-
Endosulfan	35	-	0.0329	-	-	-	-
Endrin	35	-	0.0348	-	-	-	-
Ethylbenzene	35	-	0.290	-	-	-	-
gamma-BHC	35	1	0.0251	1.45	1.45	-	-
Hexachloroethane	36	-	27.1	-	-	-	-
Methoxychlor	35	-	0.147	-	-	-	-
Tetrachloroethylene	35	-	0.251	-	-	-	-
Toluene	35	-	0.159	-	-	-	-
Toxaphene	35	-	4.64	-	-	-	-
Trichloroethylene	35	-	0.213	-	-	-	-
Xylene	27	-	2.22	-	-	-	-

Table B-6. SUBSEGMENT 030301, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
Acenaphthene	89	15	52	12,000	2,581	9	10.1
Benzo (a) Anthracene	109	44	33	12,000	1,655	12	11.0
Benzo (a) Pyrene	107	42	33	12,000	1,652	11	10.3
Phenanthrene	107	41	40	18,000	2,882	15	14.0
Pyrene	124	67	33	24,000	2,807	22	17.7
2-Methylnaphthalene	94	18	67	12,000	1,554	7	7.4
4,4'-DDD	72	3	-	8	3.23	-	-
4,4'-DDE	74	7	-	19	5.48	-	-
4,4'-DDT	79	9	-	200	48.1	4	5.1
Acenaphthylene	88	10	42	12,000	1,777	4	4.5
Anthracene	105	37	36	13,000	1,617	9	8.6
Arsenic	118	98	0.15	29.6	3.39	-	-
Cadmium	78	8	0.04	1	0.675	-	-
Chromium	151	147	1.2	454	25.8	1	0.7
Chrysene	120	57	27	18,000	2,354	11	9.2
Copper	174	145	1.2	285	30.9	1	0.6
Dibenzo (a,h) Anthracene	90	13	33	12,000	1,503	7	7.8
Dieldrin	71	2	-	8	7.00	-	-
Fluoranthene	121	56	33	12,000	1,571	6	5.0
Fluorene	90	16	45	12,000	2,369	8	8.9
Lead	163	162	1.5	777	46.9	7	4.3
Mercury	76	48	0.018	5	0.4271042	4	5.3
Naphthalene	93	13	1.5	12,000	1,392	2	2.2
Nickel	139	117	0.78	140	13.3	2	1.4
Silver	103	33	0.013	1.7	0.2330606	-	-
Zinc	194	136	8	868	65.9	3	1.5

Table B-7. SUBSEGMENT 030301, SEDIMENT, NOAA CALCASIEU DATA, 1994-1998

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
Mercury	4	4	1	1	1	4	100.0
Arsenic	14	1	2	15	15.0	-	-
Chromium	17	16	3	38	18.9	-	-
Copper	16	10	5	49	29.2	-	-
Lead	18	18	8	57	27.3	-	-
Nickel	7	-	6			-	-
Zinc	18	17	5	120	56.3	-	-

Subsegment 030302, Lake Charles

Table B-8. SUBSEGMENT 030302, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	4	-	5			-	-
Cadmium	4	-	0.5			-	-
Chromium	4	-	2.5			-	-
Copper	4	1	2.5	2.5	2.50	-	-
Lead	4	-	5			-	-
Mercury	4	-	0.05			-	-
Nickel	4	-	5			-	-

Table B-9. SUBSEGMENT 030302, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/g oc)	Maximum Detected Value (μg/g oc)	Mean of Detected Values (μg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	2	-	17.6	-	-	-	-
1,1,2,2-Tetrachloroethane	2	-	17.6	-	-	-	-
1,2,4-Trichlorobenzene	2	-	17.6	-	-	-	-
1,2-Dichlorobenzene	2	-	17.6	-	-	-	-
1,3-Dichlorobenzene	2	-	17.6	-	-	-	-
1,4-Dichlorobenzene	2	-	17.6	-	-	-	-
4-Bromophenyl Phenyl Ether	2	-	618	-	-	-	-
Benzene	2	-	17.6	-	-	-	-
beta-Endosulfan	2	-	6.18	-	-	-	-
Biphenyl	2	-	618	-	-	-	-
Bromoform	2	-	17.6	-	-	-	-
Butylbenzyl Phthalate	2	-	618	-	-	-	-
Carbon Tetrachloride	2	-	17.6	-	-	-	-
Chlorobenzene	2	-	17.6	-	-	-	-
delta-BHC	2	-	3.16	-	-	-	-
Dibenzofuran	2	-	618	-	-	-	-
Dieldrin	2	-	6.18	-	-	-	-
Diethyl Phthalate	2	-	618	-	-	-	-
di-n-Butyl Phthalate	2	-	618	-	-	-	-
Endosulfan	2	-	3.16	-	-	-	-
Endrin	2	-	6.18	-	-	-	-
Ethylbenzene	2	-	17.6	-	-	-	-
gamma-BHC	2	-	3.16	-	-	-	-
Hexachloroethane	2	-	618	-	-	-	-
Methoxychlor	2	-	31.6	-	-	-	-
Tetrachloroethylene	2	-	17.6	-	-	-	-
Toluene	2	-	17.6	-	-	-	-
Toxaphene	2	-	316	-	-	-	-
Trichloroethylene	2	-	17.6	-	-	-	-
Xylene	2	-	17.6	-	-	-	-

Table B-10. SUBSEGMENT 030302, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	8	-	510	-	-	-	-
4,4'-DDD	9	-	5	-	-	-	-
4,4'-DDE	9	-	5	-	-	-	-
4,4'-DDT	9	-	5	-	-	-	-
Acenaphthene	8	-	510	-	-	-	-
Acenaphthylene	8	-	510	-	-	-	-
Anthracene	8	-	510	-	-	-	-
Arsenic	19	19	1.3	6.6	3.74	-	-
Benzo (a) Anthracene	9	3	73	160	103	-	-
Benzo (a) Pyrene	9	2	70	76	73.0	-	-
Cadmium	9	-	0.36	-	-	-	-
Chromium	10	10	7.1	28.3	16.4	-	-
Chrysene	9	3	95	180	128	-	-
Copper	10	10	6.8	30.1	19.7	-	-
Dibenzo (a,h) Anthracene	8	-	510	-	-	-	-
Dieldrin	9	-	5	-	-	-	-
Fluoranthene	9	3	89	350	206	-	-
Fluorene	8	-	510	-	-	-	-
Lead	10	10	10.2	45.4	26.3	-	-
Mercury	5	-	0.08	-	-	-	-
Naphthalene	8	-	510	-	-	-	-
Nickel	10	10	4.1	14.1	9.67	-	-
Phenanthrene	8	1	230	230	230	-	-
Pyrene	9	4	96	330	237	-	-
Silver	9	-	0.62	-	-	-	-
Zinc	10	4	24.6	72.6	50.0	-	-

Subsegment 030303, Prien Lake

Table B-11. SUBSEGMENT 030303, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/L)	Maximum Detected Value (µg/L)	Mean of Detected Values (µg/L)	Number > Acute Criteria	Number > Chronic Criteria	Mean > Human Health Criterion
Copper	11	4	4.6	7.7	6.43	4	4	-
1,1,1-Trichloroethane	1	-	10	-	-	-	-	-
1,1,2,2-Tetrachloroethane	1	-	10	-	-	-	-	-
1,1-Dichloroethylene	1	-	10	-	-	-	-	-
1,2-Dichloroethane	1	-	10	-	-	-	-	-
4,4'-DDD	2	-	0.095	-	-	-	-	-
4,4'-DDE	2	-	0.095	-	-	-	-	-
4,4'-DDT	2	-	0.095	-	-	-	-	-
Arsenic	7	5	1.7	5.1	2.96	-	-	-
Benzene	1	-	10	-	-	-	-	-
beta-Endosulfan	2	-	0.095	-	-	-	-	-
Bromoform	1	-	10	-	-	-	-	-
Cadmium	4	-	0.3	-	-	-	-	-
Calcium Metal	6	6	80,500	228,000	193,083			
Carbon Tetrachloride	1	-	10	-	-	-	-	-
Chloroform	1	-	10	-	-	-	-	-
Chromium	3	-	0.7	-	-	-	-	-
Dieldrin	2	-	0.095	-	-	-	-	-
Endosulfan	2	-	0.048	-	-	-	-	-
Endrin	2	-	0.095	-	-	-	-	-
Ethylbenzene	1	-	10	-	-	-	-	-
Heptachlor	2	-	0.048	-	-	-	-	-
Heptachlor Epoxide	2	-	0.048	-	-	-	-	-
Hexachlorobutadiene	1	-	10	-	-	-	-	-
Lead	5	-	0.47	-	-	-	-	-
Mercury	3	-	0.1	-	-	-	-	-
Methyl Chloride	1	-	10	-	-	-	-	-
Methylene Chloride	1	-	10	-	-	-	-	-
Nickel	8	6	1.8	6.1	3.95	-	-	-
PCBs	6	-	N/A	-	-	-	-	-
Phenol	1	-	10	-	-	-	-	-
Selenium	6	2	2.6	7.8	6.40	-	-	-
Tetrachloroethylene	1	-	10	-	-	-	-	-
Toluene	1	-	10	-	-	-	-	-
Toxaphene	2	-	4.8	-	-	-	-	-
Trichloroethylene	1	-	10	-	-	-	-	-
Zinc	4	2	9.8	27.9	24.10	-	-	-

Table B-12. SUBSEGMENT 030303, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	11	6	4.8	16.6	8.98	6	6
Arsenic	10	5	0.82	6.3	3.50	-	-
Cadmium	5	-	0.3			-	-
Chromium	3	-	0.7			-	-
Lead	9	3	0.3	1.1	0.78	-	-
Mercury	2	-	0.1			-	-
Nickel	9	7	2.1	7.6	5.06	-	-
Selenium	6	2	2.6	15	11.9	-	-
Zinc	4	2	9.8	38.5	29.35	-	-

Table B-13. SUBSEGMENT 030303, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	3	-	5	-	-	-	-
Cadmium	3	-	0.5	-	-	-	-
Chromium	3	-	2.5	-	-	-	-
Copper	3	-	2.5	-	-	-	-
Lead	3	-	5	-	-	-	-
Mercury	3	-	0.05	-	-	-	-
Nickel	3	-	5	-	-	-	-

Table B-14. SUBSEGMENT 030303, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/g oc)	Maximum Detected Value (μg/g oc)	Mean of Detected Values (μg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	6	-	13.8	-	-	-	-
1,1,2,2-Tetrachloroethane	6	-	13.8	-	-	-	-
1,2,4-Trichlorobenzene	6	-	13.8	-	-	-	-
1,2-Dichlorobenzene	6	-	13.8	-	-	-	-
1,3-Dichlorobenzene	6	-	13.8	-	-	-	-
1,4-Dichlorobenzene	6	-	13.8	-	-	-	-
4-Bromophenyl Phenyl Ether	6	-	406	-	-	-	-
Benzene	6	-	13.8	-	-	-	-
beta-Endosulfan	6	-	4.13	-	-	-	-
Biphenyl	6	-	406	-	-	-	-
Bromoform	6	-	13.8	-	-	-	-
Butylbenzyl Phthalate	6	-	406	-	-	-	-
Carbon Tetrachloride	6	-	13.8	-	-	-	-
Chlorobenzene	6	-	13.8	-	-	-	-
delta-BHC	6	-	2.10	-	-	-	-
Dibenzofuran	6	-	406	-	-	-	-
Dieldrin	6	-	4.13	-	-	-	-
Diethyl Phthalate	6	-	406	-	-	-	-
di-n-Butyl Phthalate	6	4	54.5	86.1	72.3	-	-
Endosulfan	6	-	2.10	-	-	-	-
Endrin	6	-	4.13	-	-	-	-
Ethylbenzene	6	-	13.8	-	-	-	-
gamma-BHC	6	-	2.10	-	-	-	-
Hexachloroethane	6	-	406	-	-	-	-
Methoxychlor	6	-	21.0	-	-	-	-
Tetrachloroethylene	6	-	13.8	-	-	-	-
Toluene	6	-	13.8	-	-	-	-
Toxaphene	6	-	210	-	-	-	-
Trichloroethylene	6	-	13.8	-	-	-	-
Xylene	6	-	13.8	-	-	-	-

Table B-15. SUBSEGMENT 030303, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	28	-	290	-	-		-
4,4'-DDD	18	-	2.3	-	-	-	-
4,4'-DDE	18	-	2.3	-	-	-	-
4,4'-DDT	18	-	2.3	-	-	-	-
Acenaphthene	28	-	290	-	-	-	-
Acenaphthylene	28	-	290	-	-	-	-
Anthracene	28	-	290	-	-	-	-
Arsenic	38	36	0.59	6.5	3.54	-	-
Benzo (a) Anthracene	31	7	43	2,500	422	1	3.2
Benzo (a) Pyrene	31	7	46	2,900	484	1	3.2
Cadmium	22	3	0.12	0.99	0.747	-	-
Chromium	28	28	2.1	222	23.8	-	-
Chrysene	30	8	25	7,300	1,002	1	3.3
Copper	28	24	3.7	54.1	26.0	-	-
Dibenzo (a,h) Anthracene	30	3	37	72	53.7	-	-
Dieldrin	18	-	2.3	-	-	-	-
Fluoranthene	34	13	28	2,000	243	-	-
Fluorene	28	-	290	-	-		-
Lead	28	28	3.4	49.7	24.8	-	-
Mercury	18	7	0.06	0.45	0.219	-	-
Naphthalene	28	-	290	-	-	-	-
Nickel	26	25	1.3	32.9	11.0	-	-
Phenanthrene	30	5	31	4,300	938	1	3.3
Pyrene	36	20	27	6,400	448	1	2.8
Silver	20	-	0.36	-	-	-	-
Zinc	27	27	10.6	1,670	132	2	7.4

Subsegment 030304, Moss Lake

Table B-16. SUBSEGMENT 030304, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/L)	Maximum Detected Value (µg/L)	Mean of Detected Values (µg/L)	Number > Acute Criteria	Number > Chronic Criteria	Mean > Human Health Criterion
Copper	6	1	3	8	8.0	1	1	-
1,1,1-Trichloroethane	1	-	10	-	-	-	-	-
1,1,2,2-Tetrachloroethane	1	-	10	-	-	-	-	-
1,1-Dichloroethylene	1	-	10	-	-	-	-	-
1,2-Dichloroethane	1	-	10	-	-	-	-	-
4,4'-DDD	1	-	0.1	-	-	-	-	-
4,4'-DDE	1	-	0.1	-	-	-	-	-
4,4'-DDT	1	-	0.1	-	-	-	-	-
Arsenic	3	1	2.9	5.2	5.20	-	-	-
Benzene	1	-	10	-	-	-	-	-
beta-Endosulfan	1	-	0.1	-	-	-	-	-
Bromoform	1	-	10	-	-	-	-	-
Cadmium	3	-	2	-	-	-	-	-
Calcium Metal	3	3	240,000	249,000	243,333	-	-	-
Carbon Tetrachloride	1	-	10	-	-	-	-	-
Chloroform	1	-	10	-	-	-	-	-
Chromium	1	-	1	-	-	-	-	-
Dieldrin	1	-	0.1	-	-	-	-	-
Endosulfan	1	-	0.05	-	-	-	-	-
Endrin	1	-	0.1	-	-	-	-	-
Ethylbenzene	1	-	10	-	-	-	-	-
Heptachlor	1	-	0.05	-	-	-	-	-
Heptachlor Epoxide	1	-	0.05	-	-	-	-	-
Hexachlorobutadiene	1	-	10	-	-	-	-	-
Lead	4	2	0.44	2.1	1.27	-	-	-
Mercury	2	-	0.1	-	-	-	-	-
Methyl Chloride	1	-	10	-	-	-	-	-
Methylene Chloride	1	-	10	-	-	-	-	-
Nickel	3	2	2.1	4.4	4.30	-	-	-
PCBs	3	-	N/A	-	-	-	-	-
Phenol	1	-	10	-	-	-	-	-
Selenium	3	-	2.6	-	-	-	-	-
Tetrachloroethylene	1	-	10	-	-	-	-	-
Toluene	1	-	10	-	-	-	-	-
Toxaphene	1	-	5	-	-	-	-	-
Trichloroethylene	1	-	10	-	-	-	-	-
Zinc	1	-	9.8	-	-	-	-	-

Table B-17. SUBSEGMENT 030304, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	6	2	3.4	14.8	13.40	2	2
Mercury	3	1	0.061	0.061	0.0610	-	1
Nickel	5	4	2.1	8.4	6.00	-	1
Arsenic	5	1	1.9	3.2	3.20	-	-
Cadmium	2	1	2.4	2.4	2.40	-	-
Chromium	2	-	1			-	-
Lead	4	2	0.5	4.8	3.75	-	-
Selenium	2	-	2.6			-	-
Zinc	1	-	9.8			-	-

Table B-18. SUBSEGMENT 030304, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	29	10	1.24	4.5	2.80	2	2
Mercury	27	5	0.0014	0.35	0.184	-	4
Arsenic	29	2	0.47	5	2.74	-	-
Cadmium	29	7	0.01	0.7	0.370	-	-
Chromium	29	5	0.06	0.56	0.434	-	-
Lead	29	3	0.07	6.7	3.99	-	-
Nickel	29	2	1.15	2.86	2.01	-	-

Table B-19. SUBSEGMENT 030304, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/g oc)	Maximum Detected Value (µg/g oc)	Mean of Detected Values (µg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	3	-	3.60	-	-	-	-
1,1,2,2-Tetrachloroethane	3	-	3.60	-	-	-	-
1,2,4-Trichlorobenzene	3	-	3.60	-	-	-	-
1,2-Dichlorobenzene	3	-	3.60	-	-	-	-
1,3-Dichlorobenzene	3	-	3.60	-	-	-	-
1,4-Dichlorobenzene	3	-	3.60	-	-	-	-
4-Bromophenyl Phenyl Ether	3	-	122	-	-	-	-
Benzene	3	-	3.60	-	-	-	-
beta-Endosulfan	3	-	1.22	-	-	-	-
Biphenyl	3	-	122	-	-	-	-
Bromoform	3	-	3.60	-	-	-	-
Butylbenzyl Phthalate	3	-	122	-	-	-	-
Carbon Tetrachloride	3	-	3.60	-	-	-	-
Chlorobenzene	3	-	3.60	-	-	-	-
delta-BHC	3	-	0.640	-	-	-	-
Dibenzofuran	3	-	122	-	-	-	-
Dieldrin	3	-	1.22	-	-	-	-
Diethyl Phthalate	3	-	122	-	-	-	-
di-n-Butyl Phthalate	3	2	28.2	63.8	46.0	-	-
Endosulfan	3	-	0.640	-	-	-	-
Endrin	3	-	1.22	-	-	-	-
Ethylbenzene	3	-	3.60	-	-	-	-
gamma-BHC	3	-	0.640	-	-	-	-
Hexachloroethane	3	-	122	-	-	-	-
Methoxychlor	3	-	6.40	-	-	-	-
Tetrachloroethylene	3	-	3.60	-	-	-	-
Toluene	3	-	3.60	-	-	-	-
Toxaphene	3	-	64.0	-	-	-	-
Trichloroethylene	3	-	3.60	-	-	-	-
Xylene	3	-	3.60	-	-	-	-

Table B-20. SUBSEGMENT 030304, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	14	-	500	-	-	-	-
4,4'-DDD	14	-	5	-	-	-	-
4,4'-DDE	15	1	0.52	0.52	0.52	-	-
4,4'-DDT	14	-	5	-	-	-	-
Acenaphthene	14	-	500	-	-	-	-
Acenaphthylene	14	-	500	-	-	-	-
Anthracene	14	1	22	22	22.0	-	-
Arsenic	30	29	1.6	11.3	5.25	-	-
Benzo (a) Anthracene	14	-	500	-	-	-	-
Benzo (a) Pyrene	14	-	500	-	-	-	-
Cadmium	17	4	0.33	0.72	0.6125	-	-
Chromium	18	18	6.1	40.4	20.8	-	-
Chrysene	14	-	500	-	-	-	-
Copper	19	17	6.8	44.3	24.8	-	-
Dibenzo (a,h) Anthracene	14	-	500	-	-	-	-
Dieldrin	14	-	5	-	-	-	-
Fluoranthene	14	-	500	-	-	-	-
Fluorene	14	-	500	-	-	-	-
Lead	18	18	8.3	47.9	24.7	-	-
Mercury	17	5	0.07	0.68	0.466	-	-
Naphthalene	14	-	500	-	-	-	-
Nickel	17	17	6.1	23	13.2	-	-
Phenanthrene	14	1	150	150	150	-	-
Pyrene	16	2	100	140	120	-	-
Silver	17	-	0.33	-	-	-	-
Zinc	19	12	22.5	102	73.4	-	-

Subsegment 030305, Contraband Bayou

Table B-21. SUBSEGMENT 030305, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criteria	Number > Chronic Criteria	Mean > Human Health Criterion
Copper	2	1	3.7	6.3	6.30	1	1	-
1,1,1-Trichloroethane	1	-	10	-	-	-	-	-
1,1,2,2-Tetrachloroethane	1	-	10	-	-	-	-	-
1,1-Dichloroethylene	1	-	10	-	-	-	-	-
1,2-Dichloroethane	1	-	10	-	-	-	-	-
4,4'-DDD	1	-	0.1	-	-	-	-	-
4,4'-DDE	1	-	0.1	-	-	-	-	-
4,4'-DDT	1	-	0.1	-	-	-	-	-
Arsenic	2	1	4	20.7	20.70	-	-	-
Benzene	1	-	10	-	-	-	-	-
beta-Endosulfan	1	-	0.1	-	-	-	-	-
Bromoform	1	-	10	-	-	-	-	-
Cadmium	1	-	2.4	-	-	-	-	-
Calcium Metal	1	1	203,000	203,000	203,000			
Carbon Tetrachloride	1	-	10	-	-	-	-	-
Chloroform	1	-	10	-	-	-	-	-
Chromium	1	-	5.4	-	-	-	-	-
Dieldrin	1	-	0.1	-	-	-	-	-
Endosulfan	1	-	0.05	-	-	-	-	-
Endrin	1	-	0.1	-	-	-	-	-
Ethylbenzene	1	-	10	-	-	-	-	-
Heptachlor	1	-	0.05	-	-	-	-	-
Heptachlor Epoxide	1	-	0.05	-	-	-	-	-
Hexachlorobutadiene	1	-	10	-	-	-	-	-
Lead	2	-	2	-	-	-	-	-
Mercury	2	-	0.1	-	-	-	-	-
Methyl Chloride	1	-	10	-	-	-	-	-
Methylene Chloride	1	-	10	-	-	-	-	-
Nickel	2	1	3.6	3.6	3.60	-	-	-
PCBs	1	-	N/A	-	-	-	-	-
Phenol	1	-	10	-	-	-	-	-
Selenium	2	1	14.5	14.5	14.50	-	-	-
Tetrachloroethylene	1	-	10	-	-	-	-	-
Toluene	1	-	10	-	-	-	-	-
Toxaphene	1	-	5	-	-	-	-	-
Trichloroethylene	1	-	10	-	-	-	-	-
Zinc	1	1	4.7	4.7	4.70	-	-	-

Table B-22. SUBSEGMENT 030305, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	2	1	2.5	16	16.0	1	1
Arsenic	2	2	2.2	14.9	8.55	-	-
Cadmium	1	-	2.4	-	-	-	-
Chromium	1	-	5.4	-	-	-	-
Lead	2	1	0.67	0.67	0.670	-	-
Mercury	2	-	0.1	-	-	-	-
Nickel	2	1	3.7	3.7	3.70	-	-
Selenium	2	-	12	-	-	-	-
Zinc	1	-	11.7	-	-	-	-

Table B-23. SUBSEGMENT 030305, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	4	-	5	-	-	-	-
Cadmium	4	-	0.5	-	-	-	-
Chromium	4	-	2.5	-	-	-	-
Copper	4	1	2.5	2.9	2.90	-	-
Lead	4	-	5	-	-	-	-
Mercury	4	-	0.05	-	-	-	-
Nickel	4	-	5	-	-	-	-

Table B-24. SUBSEGMENT 030305, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/g oc)	Maximum Detected Value (μg/g oc)	Mean of Detected Values (μg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	1	-	9.00	-	-	-	-
1,1,2,2-Tetrachloroethane	1	-	9.00	-	-	-	-
1,2,4-Trichlorobenzene	1	-	9.00	-	-	-	-
1,2-Dichlorobenzene	1	-	9.00	-	-	-	-
1,3-Dichlorobenzene	1	-	9.00	-	-	-	-
1,4-Dichlorobenzene	1	-	9.00	-	-	-	-
4-Bromophenyl Phenyl Ether	1	-	287	-	-	-	-
Benzene	1	-	9.00	-	-	-	-
beta-Endosulfan	1	-	2.91	-	-	-	-
Biphenyl	1	-	287	-	-	-	-
Bromoform	1	-	9.00	-	-	-	-
Butylbenzyl Phthalate	1	-	287	-	-	-	-
Carbon Tetrachloride	1	-	9.00	-	-	-	-
Chlorobenzene	1	-	9.00	-	-	-	-
delta-BHC	1	-	1.49	-	-	-	-
Dibenzofuran	1	-	287	-	-	-	-
Dieldrin	1	-	2.91	-	-	-	-
Diethyl Phthalate	1	-	287	-	-	-	-
di-n-Butyl Phthalate	1	-	287	-	-	-	-
Endosulfan	1	-	1.49	-	-	-	-
Endrin	1	-	2.91	-	-	-	-
Ethylbenzene	1	-	9.00	-	-	-	-
gamma-BHC	1	-	1.49	-	-	-	-
Hexachloroethane	1	-	287	-	-	-	-
Methoxychlor	1	-	14.9	-	-	-	-
Tetrachloroethylene	1	-	9.00	-	-	-	-
Toluene	1	-	9.00	-	-	-	-
Toxaphene	1	-	149	-	-	-	-
Trichloroethylene	1	-	9.00	-	-	-	-
Xylene	1	-	9.00	-	-	-	-

Table B-25. SUBSEGMENT 030305, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	2	-	830	-	-	-	-
4,4'-DDD	2	-	8.4	-	-	-	-
4,4'-DDE	2	-	8.4	-	-	-	-
4,4'-DDT	2	-	8.4	-	-	-	-
Acenaphthene	2	-	830	-	-	-	-
Acenaphthylene	2	-	830	-	-	-	-
Anthracene	2	-	830	-	-	-	-
Arsenic	6	6	1.1	4.9	2.40	-	-
Benzo (a) Anthracene	2	-	830	-	-	-	-
Benzo (a) Pyrene	2	-	830	-	-	-	-
Cadmium	3	1	0.58	2.1	2.10	-	-
Chromium	3	3	16.3	22.2	19.0	-	-
Chrysene	2	-	830	-	-	-	-
Copper	3	3	17.5	53.8	40.7	-	-
Dibenzo (a,h) Anthracene	2	-	830	-	-	-	-
Dieldrin	3	1	0.88	0.88	0.88	-	-
Fluoranthene	2	1	120	120	120	-	-
Fluorene	2	-	830	-	-	-	-
Lead	3	3	16.5	46	26.9	-	-
Mercury	2	-	0.11	-	-	-	-
Naphthalene	2	-	830	-	-	-	-
Nickel	3	2	9.3	11.4	10.4	-	-
Phenanthrene	2	-	830	-	-	-	-
Pyrene	2	1	160	160	160	-	-
Silver	3	-	0.99	-	-	-	-
Zinc	3	3	28.3	78.9	46.9	-	-

Subsegment 030306, Bayou Verdine

Table B-26. SUBSEGMENT 030306, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criteria	Number > Chronic Criteria	Mean > Human Health Criterion
1,2-Dichloroethane	9	8	1	59	32.1	-	-	1
Mercury	5	4	0.2	0.6	0.44	-	4	-
1,1,1-Trichloroethane	1	-	1	-	-	-	-	-
1,1,2,2-Tetrachloroethane	1	-	1	-	-	-	-	-
1,1-Dichloroethylene	1	-	1	-	-	-	-	-
4,4'-DDD	1	-	0.05	-	-	-	-	-
4,4'-DDE	1	-	0.05	-	-	-	-	-
4,4'-DDT	1	-	0.05	-	-	-	-	-
Arsenic	1	-	10	-	-	-	-	-
Benzene	1	-	1	-	-	-	-	-
beta-Endosulfan	1	-	0.05	-	-	-	-	-
Bromoform	1	-	1	-	-	-	-	-
Cadmium	1	-	2	-	-	-	-	-
Calcium Metal	-	-	-	-	-	-	-	-
Carbon Tetrachloride	1	-	1	-	-	-	-	-
Chlordane	1	-	0.5	-	-	-	-	-
Chloroform	9	8	1	3.1	2.20	-	-	-
Chromium	1	-	5	-	-	-	-	-
Copper	1	-	25	-	-	-	-	-
Dieldrin	1	-	0.05	-	-	-	-	-
Endosulfan	1	-	0.05	-	-	-	-	-
Endrin	1	-	0.05	-	-	-	-	-
Ethylbenzene	1	-	1	-	-	-	-	-
Heptachlor	1	-	0.05	-	-	-	-	-
Heptachlor Epoxide	1	-	0.05	-	-	-	-	-
Hexachlorobutadiene	1	-	10	-	-	-	-	-
Lead	1	-	3	-	-	-	-	-
Methyl Chloride	1	-	2	-	-	-	-	-
Methylene Chloride	1	-	1	-	-	-	-	-
Nickel	1	-	40	-	-	-	-	-
PCBs	4	-	N/A	-	-	-	-	-
Phenol	1	-	10	-	-	-	-	-
Selenium	1	-	5	-	-	-	-	-
Tetrachloroethylene	1	-	1	-	-	-	-	-
Toluene	1	-	1	-	-	-	-	-
Toxaphene	1	-	2	-	-	-	-	-
Trichloroethylene	1	-	1	-	-	-	-	-
Zinc	5	4	20	51	35.3	-	-	-

Table B-27. SUBSEGMENT 030306, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	1	-	10			-	-
Cadmium	1	-	2			-	-
Chromium	1	-	5			-	-
Copper	1	-	25			-	-
Lead	1	-	3			-	-
Mercury	1	-	0.2			-	-
Nickel	1	-	40			-	-
Selenium	1	-	5			-	-
Zinc	1	1	28	28	28.0	-	-

Table B-28. SUBSEGMENT 030306, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	4	2	2.5	4.4	3.70	1	1
Nickel	4	3	5	19.3	14.5	-	2
Arsenic	4	-	5			-	-
Cadmium	4	-	0.5			-	-
Chromium	4	1	2.5	2.5	2.50	-	-
Lead	4	-	5			-	-
Mercury	4	-	0.05			-	-

Table B-29. SUBSEGMENT 030306, WATER, COPPER ANALYZED WITH CONVENTIONAL AND CLEAN TECHNIQUES, 2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Dissolved, Clean	12	12	?	5.19	2.82	3	3
Total, Clean	12	12	?	6.35	3.24		
Dissolved, Conventional	12	12	?	12	6.73	10	10
Total, Conventional	12	12	?	38	10.8		

Table B-30. SUBSEGMENT 030306, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/g oc)	Maximum Detected Value (µg/g oc)	Mean of Detected Values (µg/g oc)	Number > ESG	Percent > ESG
Methoxychlor	19	4	0.909	110	46.3	3	15.8
1,1,1-Trichloroethane	64	-	2.30	-	-	-	-
1,1,2,2-Tetrachloroethane	64	1	2.30	30,837	30,837	1	1.6
1,2,4-Trichlorobenzene	64	-	3.26	-	-	-	-
1,2-Dichlorobenzene	64	-	2.30	-	-	-	-
1,3-Dichlorobenzene	64	-	2.30	-	-	-	-
1,4-Dichlorobenzene	64	-	2.30	-	-	-	-
4-Bromophenyl Phenyl Ether	7	-	534	-	-	-	-
Benzene	64	2	2.30	65.9	34.3	1	1.6
beta-Endosulfan	19	-	0.205	-	-	-	-
Biphenyl	64	1	148	62,176	62,176	1	1.6
Bromoform	64	-	2.30	-	-	-	-
Butylbenzyl Phthalate	64	-	148	-	-	-	-
Carbon Tetrachloride	64	-	2.30	-	-	-	-
Chlorobenzene	64	1	2.30	113	113	-	-
delta-BHC	19	2	0.107	25.4	24.8	-	-
Dibenzofuran	64	1	148	2,176	2,176	1	1.6
Dieldrin	19	1	0.205	32.0	32.0	-	-
Diethyl Phthalate	64	-	148	-	-	-	-
di-n-Butyl Phthalate	7	-	534	-	-	-	-
Endosulfan	19	1	0.107	20.1	20.1	1	5.3
Endrin	19	1	0.205	9.26	9.26	-	-
Ethylbenzene	7	1	3.26	15.0	15.0	-	-
gamma-BHC	19	1	0.107	24.2	24.2	1	5.3
Hexachloroethane	64	-	148	-	-	-	-
Tetrachloroethylene	64	1	2.30	16,740	16,740	1	1.6
Toluene	64	2	1.55	84.4	43.0	-	-
Toxaphene	19	-	10.7	-	-	-	-
Trichloroethylene	64	1	2.30	22,026	22,026	1	1.6
Xylene	64	2	2.30	62.8	35.8	1	1.6

Table B-31. SUBSEGMENT 030306, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	29	7	140	90,000	29,184	6	20.7
4,4'-DDT	35	5	0.19	48	26.2	4	11.4
Anthracene	106	19	68	28,000	5,371	13	12.3
Benzo (a) Anthracene	115	51	6.8	63,000	8,499	30	26.1
Benzo (a) Pyrene	111	38	6.8	71,000	13,432	29	26.1
Chrysene	121	69	6.8	150,000	15,426	39	32.2
Dibenzo (a,h) Anthracene	106	14	6.8	9,800	2,904	13	12.3
Fluoranthene	116	49	6.8	49,000	7,175	15	12.9
Phenanthrene	29	9	110	280,000	67,053	5	17.2
Pyrene	128	88	6.8	190,000	19,065	48	37.5
Zinc	91	91	4.1	1,610	260	19	20.9
4,4'-DDD	34	1	0.24	12	12.0	-	-
4,4'-DDE	33	2	0.14	11	7.85	-	-
Acenaphthene	103	10	68	5,600	2,491	8	7.8
Acenaphthylene	29	-	180	-	-		-
Arsenic	72	61	0.48	14.8	3.91	-	-
Cadmium	54	24	0.24	2.4	0.729	-	-
Chlordane	11	-	23	-	-		-
Chromium	87	87	2.5	804	81.4	4	4.6
Copper	85	77	1.6	317	34.2	1	1.2
Dieldrin	34	1	0.2	20	20.0	1	2.9
Fluorene	104	13	68	29,000	5,369	10	9.6
Lead	89	89	4	139	24.4	-	-
Mercury	41	21	0.018	1.7	0.408	1	2.4
Naphthalene	106	14	1.5	22,000	6,021	10	9.4
Nickel	89	68	2.7	99.9	18.2	3	3.4
Silver	49	4	0.044	1.8	1.10	-	-

Table B-32. SUBSEGMENT 030306, SEDIMENT, NOAA CALCASIEU DATA, 1994-1998

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
2-Methylnaphthalene	12	9	371	22,368	5,437	7	58.3
Acenaphthene	12	8	263	29,524	5,553	7	58.3
Anthracene	12	11	406	18,571	3,477	7	58.3
Benzo (a) Anthracene	12	12	1,594	17,619	6,467	11	91.7
Benzo (a) Pyrene	12	10	1,375	7,143	3,171	8	66.7
Chrysene	12	12	2,844	25,429	11,136	12	100.0
Dibenzo (a,h) Anthracene	12	7	275	1,614	835	7	58.3
Fluoranthene	12	12	870	104,762	14,306	7	58.3
Fluorene	12	10	217	37,143	4,956	8	66.7
Nickel	12	7	28.6	187	66.7	3	25.0
Phenanthrene	12	12	619	157,143	24,305	10	83.3
Pyrene	12	12	3,125	66,667	19,564	12	100.0
Zinc	12	12	334	2,806	1,356	11	91.7
Acenaphthylene	12	-	579	-	-	-	-
Arsenic	12	1	3.41	8.04	8.040	-	-
Cadmium	12	1	3.16	8.75	8.75	-	-
Copper	12	12	35.26	190	103	-	-
Lead	12	12	31.58	217	95.1	-	-
Mercury	12	1	0.32	0.97	0.970	1	8.3
Naphthalene	12	6	219	563	345	-	-
Silver	12	-	1.67	-	-	-	-

Subsegment 030401, Lower Calcasieu Estuary and Ship Channel

Table B-33. SUBSEGMENT 030401, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	4	-	5			-	-
Cadmium	4	-	0.5			-	-
Chromium	4	-	2.5			-	-
Copper	4	-	2.5			-	-
Lead	4	1	5	5.9	5.90	-	-
Mercury	4	-	0.05			-	-
Nickel	4	-	5			-	-

Subsegment 030402, Calcasieu Lake

Table B-34. SUBSEGMENT 030402, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Arsenic	4	-	5			-	-
Cadmium	4	-	0.5			-	-
Chromium	4	-	2.5			-	-
Copper	4	-	2.5			-	-
Lead	4	1	5	6.1	6.10	-	-
Mercury	4	-	0.05			-	-
Nickel	4	-	5			-	-

Subsegment 030901, Bayou D'Inde

Table B-35. SUBSEGMENT 030901, WATER, DISSOLVED, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/L)	Maximum Detected Value (µg/L)	Mean of Detected Values (µg/L)	Number > Acute Criterion	Number > Chronic Criterion	Mean > Human Health Criterion
Copper	36	28	0.5	64.3	9.90	26	26	-
Heptachlor	7	1	0.039	0.039	0.0390	-	1	1
Lead	15	6	0.16	98.6	16.70	-	1	-
Mercury	12	2	0.052	0.078	0.0685	-	2	-
Nickel	36	28	0.1	10.6	5.50	-	2	-
PCBs	27	1	N/A	0.21	0.210	-	1	1
1,1,1-Trichloroethane	3	-	5	-	-	-	-	-
1,1,2,2-Tetrachloroethane	3	-	5	-	-	-	-	-
1,1-Dichloroethylene	3	-	5	-	-	-	-	-
1,2-Dichloroethane	3	-	5	-	-	-	-	-
4,4'-DDD	6	-	0.091	-	-	-	-	-
4,4'-DDE	6	-	0.091	-	-	-	-	-
4,4'-DDT	6	-	0.091	-	-	-	-	-
Arsenic	16	8	0.57	4.2	3.06	-	-	-
Benzene	3	-	5	-	-	-	-	-
beta-Endosulfan	6	-	0.091	-	-	-	-	-
Bromoform	5	2	2	8	5.0	-	-	-
Cadmium	14	8	0.3	8	2.3	-	-	-
Calcium Metal	22	22	78,000	234,000	175,636			
Carbon Tetrachloride	3	-	5	-	-	-	-	-
Chloroform	8	2	1	3	2.50	-	-	-
Chromium	12	6	0.5	14.2	6.72	-	-	-
Dieldrin	6	-	0.091	-	-	-	-	-
Endosulfan	6	-	0.045	-	-	-	-	-
Endrin	6	-	0.091	-	-	-	-	-
Ethylbenzene	4	1	1	1	1.0	-	-	-
Heptachlor Epoxide	6	-	0.045	-	-	-	-	-
Hexachlorobutadiene	6	-	9	-	-	-	-	-
MethylChloride	2	-	10	-	-	-	-	-
MethyleneChloride	4	2	1	7	4.0	-	-	-
Phenol	6	-	9	-	-	-	-	-
Selenium	24	17	0.7	12	7.5	-	-	-
Tetrachloroethylene	3	-	5	-	-	-	-	-
Toluene	4	1	4	4	4.0	-	-	-
Toxaphene	6	-	4.5	-	-	-	-	-
Trichloroethylene	3	-	5	-	-	-	-	-
Zinc	8	4	1.2	15.8	10.10	-	-	-

Table B-36. SUBSEGMENT 030901, WATER, TOTAL, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	37	23	3	42.2	10.57	21	21
Mercury	19	13	0.056	0.33	0.140	-	13
Nickel	36	30	1.8	25.6	5.94	-	3
Arsenic	13	7	0.6	6.6	2.87	-	-
Cadmium	12	7	0.3	2	1.5	-	-
Chromium	17	12	0.7	45.6	8.07	-	-
Lead	27	20	0.25	4.3	1.89	-	-
Selenium	19	14	0.29	14	8.2	-	-
Zinc	9	3	9.8	18.2	14.63	-	-

Table B-37. SUBSEGMENT 030901, WATER, DISSOLVED, LDEQ AMBIENT WATER QUALITY NETWORK DATA, 1997-1999

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Copper	20	12	2.01	5.01	3.41	5	5
Mercury	18	1	0.05	0.45	0.450	-	1
Arsenic	20	-	2.5			-	-
Cadmium	20	4	0.05	0.75	0.575	-	-
Chromium	20	4	0.47	0.94	0.668	-	-
Lead	20	-	2			-	-
Nickel	20	4	2.5	5.58	4.56	-	-

Table B-38. SUBSEGMENT 030901, WATER, COPPER ANALYZED WITH CONVENTIONAL AND CLEAN TECHNIQUES, 2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/L)	Maximum Detected Value (μg/L)	Mean of Detected Values (μg/L)	Number > Acute Criterion	Number > Chronic Criterion
Dissolved, Clean	24	24	?	3.62	1.53	-	-
Total, Clean	24	24	?	6.04	3.12		
Dissolved, Conventional	24	24	?	16	5.68	17	17
Total, Conventional	24	24	?	13	6.42		

Table B-39. SUBSEGMENT 030901, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/g oc)	Maximum Detected Value (µg/g oc)	Mean of Detected Values (µg/g oc)	Number > ESG	Percent > ESG
1,1,1-Trichloroethane	42	-	1.12	-	-	-	-
1,1,2,2-Tetrachloroethane	42	-	1.12	-	-	-	-
1,2,4-Trichlorobenzene	43	-	1.12	-	-	-	-
1,2-Dichlorobenzene	43	-	1.12	-	-	-	-
1,3-Dichlorobenzene	43	7	0.148	5.16	2.21	-	-
1,4-Dichlorobenzene	43	6	0.182	4.08	1.61	-	-
4-Bromophenyl Phenyl Ether	43	1	23.1	23.1	23.1	-	-
Benzene	42	1	1.03	1.03	1.03	-	-
beta-Endosulfan	42	3	0.299	39.4	13.6	1	2.4
Biphenyl	40	1	47.5	99.5	99.5	-	-
Bromoform	42	-	1.12	-	-	-	-
Butylbenzyl Phthalate	43	3	47.5	81.1	64.6	-	-
Carbon Tetrachloride	42	-	1.12	-	-	-	-
Chlorobenzene	42	5	0.178	17.9	6.91	-	-
delta-BHC	42	7	0.120	9.71	2.17	-	-
Dibenzofuran	43	-	47.5	-	-	-	-
Dieldrin	42	6	0.0917	2.91	0.729	-	-
Diethyl Phthalate	43	-	47.5	-	-	-	-
di-n-Butyl Phthalate	43	-	6.73	-	-	-	-
Endosulfan	42	-	0.260	-	-	-	-
Endrin	42	5	0.493	13.9	3.59	1	2.4
Ethylbenzene	42	2	0.175	27.4	13.8	-	-
gamma-BHC	42	2	0.260	5.58	4.25	1	2.4
Hexachloroethane	43	-	47.5	-	-	-	-
Methoxychlor	42	1	1.60	1.60	1.60	-	-
Tetrachloroethylene	42	-	1.12	-	-	-	-
Toluene	42	4	0.109	10.7	3.00	-	-
Toxaphene	42	-	26.0	-	-	-	-
Trichloroethylene	42	-	1.12	-	-	-	-
Xylene	42	-	1.12	-	-	-	-

Table B-40. SUBSEGMENT 030901, SEDIMENT, EPA SUPERFUND DATA, 1999-2000

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (µg/kg)	Maximum Detected Value (µg/kg)	Mean of Detected Values (µg/kg)	Number > ERM	Percent > ERM
Mercury	139	111	0.06	93.9	3.07	63	45.3
2-Methylnaphthalene	90	5	89	130	101	-	-
4,4'-DDD	113	37	0.61	82	13.9	8	7.1
4,4'-DDE	119	49	0.63	46	10.0	6	5.0
4,4'-DDT	95	14	0.86	43	7.63	5	5.3
Acenaphthene	86	1	57	57	57.0	-	-
Acenaphthylene	91	6	110	290	208	-	-
Anthracene	92	8	79	390	179	-	-
Arsenic	97	64	0.3	18.7	4.48	-	-
Benzo (a) Anthracene	101	23	60	1,300	319	-	-
Benzo (a) Pyrene	99	18	75	650	185	-	-
Cadmium	105	11	0.08	3.8	1.04	-	-
Chromium	249	249	2.8	774	78.6	6	2.4
Chrysene	110	34	82	1,200	407	-	-
Copper	252	245	4.3	900	98.2	18	7.1
Dibenzo (a,h) Anthracene	87	1	70	70	70.0	-	-
Dieldrin	98	22	0.78	15	4.31	5	5.1
Fluoranthene	109	28	53	1,900	388	-	-
Fluorene	86	2	61	14,800	7,431	1	1.2
Lead	238	237	4.6	902	68.1	10	4.2
Naphthalene	85	-	180	-	-	-	-
Nickel	201	182	1.4	83.1	22.2	9	4.5
Phenanthrene	100	21	53	59,000	6,990	3	3.0
Pyrene	114	38	65	1,500	380	-	-
Silver	96	9	0.05	1.9	1.50	-	-
Zinc	222	217	5.1	700	151	3	1.4

Table B-41. SUBSEGMENT 030901, SEDIMENT, NOAA CALCASIEU DATA, 1994-1998

Chemical	Number of Samples	Number of Detects	Minimum Detection Level (μg/kg)	Maximum Detected Value (μg/kg)	Mean of Detected Values (μg/kg)	Number > ERM	Percent > ERM
Benzo (a) Anthracene	29	9	23	6,000	1,732	3	10.3
Benzo (a) Pyrene	24	4	550	4,000	2,130	3	12.5
Chrysene	30	10	31	10,000	2,458	3	10.0
Copper	40	36	5	639	149	6	15.0
Dibenzo (a,h) Anthracene	25	5	139	1,600	739	4	16.0
Mercury	29	24	0.01	58	7.680	22	75.9
Phenanthrene	27	7	68	7,200	3,218	4	14.8
2-Methylnaphthalene	25	5	58	1,300	732	2	8.0
Acenaphthene	23	2	131	134	133	-	-
Acenaphthylene	1	1	364	364	364	-	-
Anthracene	25	5	55	857	473	-	-
Arsenic	34	20	1	13	6.040	-	-
Chromium	40	40	4	430	72.8	1	2.5
Fluoranthene	31	11	31	2,714	795	-	-
Fluorene	24	4	424	860	590	2	8.3
Lead	40	40	5	454	88.6	3	7.5
Naphthalene	23	2	143	148	146	-	-
Nickel	36	26	4	62	30.4	2	5.6
PCBs	21	-	55			-	-
Pyrene	32	13	31	10,571	2,345	3	9.4
Zinc	40	40	13	246	113	-	-