

**Table B-12 2001 Point Source Offshore Sediment Monitoring  
Comparison With Standards-Dry Weights (page 1 of 4)**

Station:	RT2500R		RT412N		RT412NW		RT412S		RT412SW		Sediment Quality Standards	Lowest Apparent Effects Threshold
Date:	7-Nov-01		5-Nov-01		8-Nov-01		6-Nov-01		8-Nov-01			
% Solids:	30.10		31.3		29.8		32.3		31			
TOC (mg/kg dry wt.):	21927		22173		22584		21765		21903			
	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL		
<b>Metals (mg/kg dry wt.)</b>												
Arsenic	<MDL	8.0	<MDL	7.7	8.72	8.1	8.98	7.4	10.6	7.7	57	--
Cadmium	<MDL	0.47	<MDL	0.48	<MDL	0.50	<MDL	0.43	<MDL	0.45	5.1	--
Chromium	46.5	0.80	43.8	0.77	45.6	0.81	44.0	0.74	43.9	0.77	260	--
Copper	43.5	0.63	41.5	0.61	43.0	0.64	44.0	0.59	43.2	0.61	390	--
Lead	26.8	4.7	24.1	4.8	25.5	5.0	29.2	4.3	26.1	4.5	450	--
Mercury	0.226	0.07	0.179	0.06	0.168	0.07	0.204	0.06	0.177	0.06	0.41	--
Silver	<MDL	0.63	<MDL	0.61	<MDL	0.64	<MDL	0.59	<MDL	0.61	6.1	--
Zinc	100	0.80	93.9	0.77	97.7	0.81	96.6	0.74	95.8	0.77	410	--
<b>Nonionizable Organic Compounds (ug/kg dry wt.)</b>												
2-Methylnaphthalene	<MDL	47	<MDL	45	<MDL	47	<MDL	43	<MDL	45	--	670
Acenaphthene	<MDL	23	<MDL	22	<MDL	23	<MDL	22	<MDL	23	--	1300
Acenaphthylene	<MDL	50	<MDL	48	<MDL	50	<MDL	46	<MDL	48	--	500
Anthracene	<MDL	13	<MDL	13	<MDL	13	<MDL	12	<MDL	13	--	960
Fluorene	<MDL	43	<MDL	42	<MDL	44	<MDL	40	<MDL	42	--	540
Naphthalene	<MDL	47	<MDL	45	<MDL	47	<MDL	43	<MDL	45	--	2100
Phenanthrene	35	13	39	13	49	13	43	12	37	13	--	1500
Total LPAHs	35	13	39	13	49	13	43	12	37	13	--	5200
Benzo(A)Anthracene	39	6.6	44	6	53	7	49	6	43	6	--	1300
Benzo(A)Pyrene	59	10	60	10	83	10	76	9	67	10	--	1600
Benzo(G,H,I)Perylene	<MDL	27	<MDL	26	<MDL	27	<MDL	25	<MDL	26	--	670
Chrysene	47	13	47	13	67	13	63	12	50	13	--	1400
Dibenzo(A,H)Anthracene	<MDL	23	<MDL	22	<MDL	23	<MDL	22	<MDL	23	--	230
Fluoranthene	57	27	75	26	83	27	80	25	60	26	--	1700
Indeno(1,2,3-Cd)Pyrene	40	30	45	29	57	30	50	28	48	29	--	600
Pyrene	87	13	96	13	129	13	116	12	112	13	--	2600
Total benzofluoranthenes	21	10	28	10	43	10	32	9	35	10	--	3200
Total HPAHs	351	30	395	29	515	30	465	28	415	29	--	12000
1,2,4-Trichlorobenzene	<MDL	0.86	<MDL	0.83	<MDL	0.87	<MDL	0.80	<MDL	0.84	--	31
1,2-Dichlorobenzene	<MDL	0.86	<MDL	0.83	<MDL	0.87	<MDL	0.80	<MDL	0.84	--	35
1,4-Dichlorobenzene	<MDL	0.43	<MDL	0.42	<MDL	0.44	<MDL	0.40	<MDL	0.42	--	110
Bis(2-Ethylhexyl)Phthalate	183	22	203	21	104	22	152	21	73	22	--	1300
Benzyl Butyl Phthalate	29	20	28	19	30	20	31	19	31	19	--	63
Di-N-Butyl Phthalate	35	17	50	16	53	17	44	15	56	16	--	1400
Di-N-Octyl Phthalate	<MDL	27	<MDL	26	<MDL	27	<MDL	25	<MDL	26	--	6200
Dibenzofuran	<MDL	47	<MDL	45	<MDL	47	<MDL	43	<MDL	45	--	540
Diethyl Phthalate	<MDL	20	<MDL	19	<MDL	20	<MDL	19	<MDL	19	--	200
Dimethyl Phthalate	<MDL	37	<MDL	35	<MDL	37	<MDL	34	<MDL	35	--	71
Hexachlorobenzene	<MDL	2	<MDL	2	<MDL	2	<MDL	2	<MDL	2	--	22
Hexachlorobutadiene	<MDL	2	<MDL	2	<MDL	3	<MDL	2	<MDL	2	--	11
N-Nitrosodiphenylamine	<MDL	66	<MDL	64	<MDL	67	<MDL	62	<MDL	65	--	28
Total PCBs	<MDL	8	<MDL	8	<MDL	8	<MDL	8	29	4	--	130
<b>Ionizable Organic Compounds (ug/kg dry wt.)</b>												
2,4-Dimethylphenol	<MDL	23	<MDL	22	<MDL	23	<MDL	22	<MDL	23	29	--
2-Methylphenol	<MDL	63	<MDL	61	<MDL	64	<MDL	59	<MDL	61	63	--
4-Methylphenol	<MDL	53	<MDL	51	<MDL	54	<MDL	50	<MDL	52	670	--
Benzoic Acid	385	20	553	19	383	20	378	19	345	19	650	--
Benzyl Alcohol	<MDL	20	<MDL	19	<MDL	20	<MDL	19	0	19	57	--
Pentachlorophenol	<MDL	17	<MDL	16	<MDL	17	<MDL	15	<MDL	16	360	--
Phenol	37	30	144	29	32	30	43	28	<MDL	29	420	--

< MDL Result below method detection limit

**Table B-12 2001 Point Source Offshore Sediment Monitoring  
Comparison With Standards-Dry Weights (page 2 of 4)**

Station:	RT625ND		RT625NP		RT625SD		RT625SP		RT700NS		Sediment Quality Standards	Lowest Apparent Effects Threshold
Date:	6-Nov-01		8-Nov-01		6-Nov-01		8-Nov-01		6-Nov-01			
% Solids:	30	0.005	30.9	0.005	31.3	0.005	31	0.005	30.3	0.005		
TOC (mg/kg dry wt.):	23000		22136		22907		21387		21485			
	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL		
<b>Metals (mg/kg dry wt.)</b>												
Arsenic	11.7	8.0	<MDL	7.8	<MDL	8.0	9.03	8.1	8.91	8.3	57	--
Cadmium	<MDL	0.47	<MDL	0.49	<MDL	0.48	<MDL	0.48	<MDL	0.50	5.1	--
Chromium	43.7	0.80	46.3	0.78	47.3	0.80	42.3	0.81	45.2	0.83	260	--
Copper	44.7	0.63	44.3	0.65	47.0	0.64	41.0	0.65	43.6	0.66	390	--
Lead	30.9	4.7	25.4	4.9	29.6	4.8	22.9	4.8	28.3	5.0	450	--
Mercury	0.240	0.07	0.184	0.06	0.198	0.06	0.168	0.06	0.175	0.07	0.41	--
Silver	<MDL	0.63	<MDL	0.65	<MDL	0.64	<MDL	0.65	<MDL	0.66	6.1	--
Zinc	101	0.80	99.7	0.78	104	0.80	91.9	0.81	98.7	0.83	410	--
<b>Nonionizable Organic Compounds (ug/kg dry wt.)</b>												
2-Methylnaphthalene	<MDL	47	<MDL	45	<MDL	45	<MDL	45	<MDL	46	--	670
Acenaphthene	<MDL	23	<MDL	23	<MDL	22	<MDL	23	<MDL	23	--	1300
Acenaphthylene	<MDL	50	<MDL	49	<MDL	48	<MDL	48	<MDL	50	--	500
Anthracene	<MDL	13	<MDL	13	<MDL	13	<MDL	13	<MDL	13	--	960
Fluorene	<MDL	43	<MDL	42	<MDL	42	<MDL	42	<MDL	43	--	540
Naphthalene	<MDL	47	<MDL	45	<MDL	45	<MDL	45	<MDL	46	--	2100
Phenanthrene	42	13	47	13	42	13	41	13	33	13	--	1500
Total LPAHs	42	13	47	13	42	13	41	13	33	13	--	5200
Benzo(A)Anthracene	44	7	47	6	55	6	45	6	47	7	--	1300
Benzo(A)Pyrene	65	10	64	10	73	10	74	10	70	10	--	1600
Benzo(G,H,I)Perylene	<MDL	27	<MDL	26	<MDL	26	<MDL	26	<MDL	26	--	670
Chrysene	50	13	61	13	64	13	51	13	53	13	--	1400
Dibenzo(A,H)Anthracene	<MDL	23	<MDL	23	<MDL	22	<MDL	23	<MDL	23	--	230
Fluoranthene	70	27	70	26	83	26	67	26	69	26	--	1700
Indeno(1,2,3-Cd)Pyrene	47	30	52	29	54	29	48	29	46	30	--	600
Pyrene	103	13	123	13	129	13	98	13	105	13	--	2600
Total benzofluoranthenes	24	10	33	10	42	10	38	10	28	10	--	3200
Total HPAHs	402	30	450	29	500	29	420	29	418	30	--	12000
1,2,4-Trichlorobenzene	<MDL	0.87	<MDL	0.84	<MDL	0.83	<MDL	0.84	<MDL	0.86	--	31
1,2-Dichlorobenzene	<MDL	0.87	<MDL	0.84	<MDL	0.83	<MDL	0.84	<MDL	0.86	--	35
1,4-Dichlorobenzene	<MDL	0.43	<MDL	0.42	<MDL	0.42	<MDL	0.42	<MDL	0.43	--	110
Bis(2-Ethylhexyl)Phthalate	152	22	110	22	990	21	65	22	109	22	--	1300
Benzyl Butyl Phthalate	29	20	42	19	30	19	32	19	31	20	--	63
Di-N-Butyl Phthalate	46	17	50	16	41	16	45	16	36	17	--	1400
Di-N-Octyl Phthalate	<MDL	27	<MDL	26	<MDL	26	<MDL	26	<MDL	26	--	6200
Dibenzofuran	<MDL	47	<MDL	45	<MDL	45	<MDL	45	<MDL	46	--	540
Diethyl Phthalate	<MDL	20	<MDL	19	<MDL	19	<MDL	19	<MDL	20	--	200
Dimethyl Phthalate	<MDL	37	<MDL	36	<MDL	35	<MDL	35	<MDL	36	--	71
Hexachlorobenzene	<MDL	2	<MDL	2	<MDL	2	<MDL	2	<MDL	2	--	22
Hexachlorobutadiene	<MDL	3	<MDL	2	<MDL	2	<MDL	2	<MDL	2	--	11
N-Nitrosodiphenylamine	<MDL	67	<MDL	65	<MDL	64	<MDL	65	<MDL	66	--	28
Total PCBs	18	4	<MDL	8	<MDL	8	<MDL	8	<MDL	8	--	130
<b>Ionizable Organic Compounds (ug/kg dry wt.)</b>												
2,4-Dimethylphenol	<MDL	23	<MDL	23	<MDL	22	<MDL	23	<MDL	23	29	--
2-Methylphenol	<MDL	63	<MDL	61	<MDL	61	<MDL	61	<MDL	63	63	--
4-Methylphenol	<MDL	53	<MDL	52	<MDL	51	<MDL	52	<MDL	53	670	--
Benzoic Acid	487	20	385	19	403	19	342	19	439	20	650	--
Benzyl Alcohol	<MDL	20	<MDL	19	<MDL	19	<MDL	19	<MDL	20	57	--
Pentachlorophenol	<MDL	17	<MDL	16	<MDL	16	<MDL	16	<MDL	17	360	--
Phenol	95	30	32	29	62	29	<MDL	29	81	30	420	--

< MDL Result below method detection limit

**Table B-12 2001 Point Source Offshore Sediment Monitoring  
Comparison With Standards-Dry Weights (page 3 of 4)**

Station: Date: % Solids: TOC (mg/kg dry wt.):	RT715NSW 8-Nov-01		RT825N 7-Nov-01		RT825S 7-Nov-01		AL343N 25-Oct-01		AL172N 25-Oct-01		Sediment Quality Standards	Lowest Apparent Effects Threshold
	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL		
<b>Metals (mg/kg dry wt.)</b>												
Arsenic	9.09	8.4	<MDL	8.8	9.93	8.6	<MDL	2.9	<MDL	3.7	57	--
Cadmium	<MDL	0.51	<MDL	0.53	<MDL	0.51	<MDL	0.17	<MDL	0.23	5.1	--
Chromium	44.8	0.84	50.2	0.88	43.8	0.86	16.5	0.29	27.2	0.37	260	--
Copper	42.4	0.67	47.7	0.70	43.2	0.68	5.40	0.23	8.24	0.29	390	--
Lead	24.9	5.1	30.4	5.3	28.7	5.1	6.14	1.7	5.80	2.3	450	--
Mercury	0.172	0.06	0.182	0.07	0.175	0.07	0.087	0.02	0.038	0.03	0.41	--
Silver	<MDL	0.67	<MDL	0.70	<MDL	0.68	<MDL	0.23	<MDL	0.29	6.1	--
Zinc	96.3	0.84	108	0.88	95.9	0.86	23.6	0.29	33.0	0.37	410	--
<b>Nonionizable Organic Compounds (ug/kg dry wt.)</b>												
2-Methylnaphthalene	<MDL	47	<MDL	49	<MDL	48	<MDL	16	<MDL	21	--	670
Acenaphthene	<MDL	24	<MDL	25	<MDL	24	<MDL	8	<MDL	11	--	1300
Acenaphthylene	<MDL	51	<MDL	53	<MDL	51	<MDL	17	<MDL	23	--	500
Anthracene	<MDL	13	<MDL	14	<MDL	14	<MDL	4.6	15	6.1	--	960
Fluorene	<MDL	44	<MDL	46	<MDL	45	<MDL	15	<MDL	20	--	540
Naphthalene	<MDL	47	<MDL	49	<MDL	48	<MDL	16	<MDL	21	--	2100
Phenanthrene	42	13	39	14	50	14	<MDL	5	20	6	--	1500
Total LPAHs	42	13	39	14	50	14	<MDL	5	35	6	--	5200
Benzo(A)Anthracene	45	7	44	7	52	7	7.7	2.3	11	3.1	--	1300
Benzo(A)Pyrene	76	10	69	11	73	10	13	3.5	19	4.6	--	1600
Benzo(G,H,I)Perylene	<MDL	27	<MDL	28	<MDL	27	<MDL	9.3	<MDL	12	--	670
Chrysene	51	13	58	14	61	14	7.1	4.6	10	6.1	--	1400
Dibenz(A,H)Anthracene	<MDL	24	<MDL	25	<MDL	24	<MDL	8.1	<MDL	11	--	230
Fluoranthene	83	27	65	28	102	27	10	9.3	20	12	--	1700
Indeno(1,2,3-Cd)Pyrene	40	30	49	32	41	31	<MDL	10	<MDL	14	--	600
Pyrene	99	13	115	14	111	14	17	5	30	6	--	2600
Total benzofluoranthenes	28	10	35	11	48	10	7	4	8	5	--	3200
Total HPAHs	422	30	411	32	451	31	62	10	97	14	--	12000
1,2,4-Trichlorobenzene	<MDL	0.88	<MDL	0.91	<MDL	0.89	<MDL	0.30	<MDL	0.40	--	31
1,2-Dichlorobenzene	<MDL	0.88	<MDL	0.91	<MDL	0.89	<MDL	0.30	<MDL	0.40	--	35
1,4-Dichlorobenzene	<MDL	0.44	<MDL	0.46	<MDL	0.45	<MDL	0.15	<MDL	0.20	--	110
Bis(2-Ethylhexyl)Phthalate	53	23	143	24	122	23	22	7.8	18	10	--	1300
Benzyl Butyl Phthalate	28	20	34	21	30	21	9	7.0	13	9.2	--	63
Di-N-Butyl Phthalate	38	17	55	18	52	17	15	5.8	19	7.6	--	1400
Di-N-Octyl Phthalate	<MDL	27	<MDL	28	<MDL	27	<MDL	9.3	<MDL	12	--	6200
Dibenzofuran	<MDL	47	<MDL	49	<MDL	48	<MDL	16	<MDL	21	--	540
Diethyl Phthalate	<MDL	20	<MDL	21	<MDL	21	<MDL	7.0	<MDL	9.2	--	200
Dimethyl Phthalate	<MDL	37	<MDL	39	<MDL	38	<MDL	13	<MDL	17	--	71
Hexachlorobenzene	<MDL	2	<MDL	2	<MDL	2	<MDL	1	<MDL	1	--	22
Hexachlorobutadiene	<MDL	3	<MDL	3	<MDL	3	<MDL	1	<MDL	1	--	11
N-Nitrosodiphenylamine	<MDL	67	<MDL	70	<MDL	68	<MDL	23	<MDL	31	--	28
Total PCBs	<MDL	8	<MDL	8	<MDL	8	<MDL	3	<MDL	4	--	130
<b>Ionizable Organic Compounds (ug/kg dry wt.)</b>												
2,4-Dimethylphenol	<MDL	24	<MDL	25	<MDL	24	<MDL	8.1	<MDL	11	29	--
2-Methylphenol	<MDL	64	<MDL	67	<MDL	65	<MDL	22	<MDL	29	63	--
4-Methylphenol	<MDL	54	<MDL	56	<MDL	55	<MDL	19	<MDL	24	670	--
Benzoic Acid	350	20	396	21	404	21	204	7.0	227	9.2	650	--
Benzyl Alcohol	<MDL	20	<MDL	21	<MDL	21	<MDL	7.0	<MDL	9.2	57	--
Pentachlorophenol	<MDL	17	<MDL	18	<MDL	17	<MDL	6	<MDL	8	360	--
Phenol	<MDL	30	49	32	45	31	<MDL	10	<MDL	14	420	--

< MDL Result below method detection limit

**Table B-12 2001 Point Source Offshore Sediment Monitoring**  
**Comparison With Standards-Dry Weights (page 4 of 4)**

Station:	AL143P		AL172S		AL343S		AL1500S		Sediment Quality Standards	Lowest Apparent Effects Threshold
Date:	25-Oct-01		25-Oct-01		25-Oct-01		25-Oct-01			
% Solids:	73.9	0.005	71.6	0.005	74	0.005	72.9	0.005		
TOC (mg/kg dry wt.):	2463		3478		2284		2908			
	Value	MDL	Value	MDL	Value	MDL	Value	MDL		
<b>Metals (mg/kg dry wt.)</b>										
Arsenic	<MDL	3.4	<MDL	3.4	<MDL	3.2	<MDL	3.3	57	--
Cadmium	<MDL	0.20	<MDL	0.20	<MDL	0.19	<MDL	0.19	5.1	--
Chromium	20.4	0.34	23.5	0.34	21.6	0.32	19.3	0.33	260	--
Copper	7.09	0.27	7.56	0.27	6.28	0.26	6.58	0.26	390	--
Lead	7.71	2.0	7.54	2.0	5.54	1.9	6.17	1.9	450	--
Mercury	0.039	0.03	0.039	0.03	<MDL	0.03	0.033	0.03	0.41	--
Silver	<MDL	0.27	<MDL	0.27	<MDL	0.26	<MDL	0.26	6.1	--
Zinc	33.2	0.34	30.6	0.34	28.9	0.32	29.1	0.33	410	--
<b>Nonionizable Organic Compounds (ug/kg dry wt.)</b>										
2-Methylnaphthalene	<MDL	19	<MDL	20	<MDL	19	<MDL	19	--	670
Acenaphthene	<MDL	9.5	<MDL	10	<MDL	9.5	<MDL	10	--	1300
Acenaphthylene	<MDL	20	<MDL	21	<MDL	20	<MDL	21	--	500
Anthracene	<MDL	5.4	<MDL	5.6	<MDL	5.4	<MDL	5.5	--	960
Fluorene	<MDL	18	<MDL	18	<MDL	18	<MDL	18	--	540
Naphthalene	<MDL	19	<MDL	20	<MDL	19	<MDL	19	--	2100
Phenanthrene	<MDL	5	9	6	7	5	14	5	--	1500
Total LPAHs	<MDL	5	9	6	7	5	14	5	--	5200
Benzo(A)Anthracene	6	2.7	9	2.8	5.4	2.7	9	2.7	--	1300
Benzo(A)Pyrene	12	4.1	13	4.2	<MDL	4.1	11	4.1	--	1600
Benzo(G,H,I)Perylene	<MDL	11	<MDL	11	<MDL	11	<MDL	11	--	670
Chrysene	6	5.4	8	5.6	<MDL	5.4	8	5.5	--	1400
Dibenzo(A,H)Anthracene	<MDL	9	<MDL	10	<MDL	9.5	<MDL	10	--	230
Fluoranthene	<MDL	11	<MDL	11	<MDL	11	13	11	--	1700
Indeno(1,2,3-Cd)Pyrene	<MDL	12	<MDL	13	<MDL	12	<MDL	12	--	600
Pyrene	18	5	20	6	15	5	24	5	--	2600
Total benzofluoranthenes	5	4	6	4	<MDL	4	<MDL	4	--	3200
Total HPAHs	47	12	56	13	21	12	65	12	--	12000
1,2,4-Trichlorobenzene	<MDL	0.35	<MDL	0.36	<MDL	0.35	<MDL	0.36	--	31
1,2-Dichlorobenzene	<MDL	0.35	<MDL	0.36	<MDL	0.35	<MDL	0.36	--	35
1,4-Dichlorobenzene	<MDL	0.18	<MDL	0.18	<MDL	0.18	<MDL	0.18	--	110
Bis(2-Ethylhexyl)Phthalate	19	9.1	<MDL	9.4	<MDL	9.1	<MDL	9.2	--	1300
Benzyl Butyl Phthalate	<MDL	8.1	12	8.4	<MDL	8.1	<MDL	8.2	--	63
Di-N-Butyl Phthalate	14	6.8	16	7.0	14	6.8	13	6.9	--	1400
Di-N-Octyl Phthalate	<MDL	11	<MDL	11	<MDL	11	<MDL	11	--	6200
Dibenzofuran	<MDL	19	<MDL	20	<MDL	19	<MDL	19	--	540
Diethyl Phthalate	<MDL	8.1	<MDL	8	<MDL	8.1	<MDL	8.2	--	200
Dimethyl Phthalate	<MDL	15	<MDL	15.4	<MDL	15	<MDL	15	--	71
Hexachlorobenzene	<MDL	1	<MDL	1	<MDL	1	<MDL	1	--	22
Hexachlorobutadiene	<MDL	1	<MDL	1	<MDL	1	<MDL	1	--	11
N-Nitrosodiphenylamine	<MDL	27	<MDL	28	<MDL	27	<MDL	27	--	28
Total PCBs	<MDL	3	<MDL	4	<MDL	3	<MDL	3	--	130
<b>Ionizable Data (ug kg/dry wt.)</b>										
2,4-Dimethylphenol	<MDL	9.5	<MDL	9.8	<MDL	9.5	<MDL	9.6	29	--
2-Methylphenol	<MDL	26	<MDL	27	<MDL	26	<MDL	26	63	--
4-Methylphenol	<MDL	22	<MDL	22	<MDL	22	<MDL	22	670	--
Benzoic Acid	196	8.1	219	8.4	220	8.1	236	8.2	650	--
Benzyl Alcohol	<MDL	8.1	<MDL	8.4	<MDL	8.1	<MDL	8.2	57	--
Pentachlorophenol	<MDL	7	<MDL	7	<MDL	7	<MDL	7	360	--
Phenol	<MDL	12	<MDL	13	<MDL	12	<MDL	12	420	--

< MDL Result below method detection limit



