

**Table B-15 2001 Point Source Offshore Sediment Monitoring
Comparison With Organic Carbon Normalized Standards (page 1 of 3)**

| 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 | | |
| Nonionizable Organic Compounds (mg/kg organic carbon.) | | | | | | | | | | | | |
| 2-Methylnaphthalene | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | 38 | 64 |
| Acenaphthene | <MDL | 1.1 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | 66 | 66 |
| Acenaphthylene | <MDL | 2.3 | <MDL | 2.2 | <MDL | 2.2 | <MDL | 2.1 | <MDL | 2.2 | 16 | 57 |
| Anthracene | <MDL | 0.61 | <MDL | 0.58 | <MDL | 0.59 | <MDL | 0.57 | <MDL | 0.59 | 220 | 1200 |
| Fluorene | <MDL | 2.0 | <MDL | 1.9 | <MDL | 1.9 | <MDL | 1.8 | <MDL | 1.9 | 23 | 79 |
| Naphthalene | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | 99 | 170 |
| Phenanthrene | 1.6 | 0.61 | 1.7 | 0.58 | 2.2 | 0.59 | 2.0 | 0.57 | 1.7 | 0.59 | 100 | 480 |
| Total LPAHs | 1.6 | 0.61 | 1.7 | 0.58 | 2.2 | 0.59 | 2.0 | 0.57 | 1.7 | 0.59 | 370 | 780 |
| Benzo(A)Anthracene | 1.8 | 0.30 | 2.0 | 0.29 | 2.3 | 0.30 | 2.2 | 0.28 | 1.9 | 0.29 | 110 | 270 |
| Benzo(A)Pyrene | 2.7 | 0.45 | 2.7 | 0.43 | 3.7 | 0.45 | 3.5 | 0.43 | 3.0 | 0.44 | 99 | 210 |
| Benzo(G,H,I)Perylene | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.1 | <MDL | 1.2 | 31 | 78 |
| Chrysene | 2.1 | 0.61 | 2.1 | 0.58 | 3.0 | 0.59 | 2.9 | 0.57 | 2.3 | 0.59 | 110 | 460 |
| Dibenzo(A,H)Anthracene | <MDL | 1.1 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | 12 | 33 |
| Fluoranthene | 2.6 | 1.2 | 3.4 | 1.2 | 3.7 | 1.2 | 3.7 | 1.1 | 2.7 | 1.2 | 160 | 1200 |
| Indeno(1,2,3-Cd)Pyrene | 1.8 | 1.4 | 2.0 | 1.3 | 2.5 | 1.3 | 2.3 | 1.3 | 2.2 | 1.3 | 34 | 88 |
| Pyrene | 4.0 | 0.6 | 4.3 | 0.58 | 5.7 | 0.59 | 5.3 | 0.57 | 5.1 | 0.59 | 1000 | 1400 |
| Total benzofluoranthenes | 0.96 | 0.46 | 1.26 | 0.45 | 1.90 | 0.44 | 1.47 | 0.41 | 1.60 | 0.46 | 230 | 450 |
| Total HPAHs | 16.0 | 7.3 | 17.8 | 6.9 | 22.8 | 7.1 | 21.4 | 6.8 | 19.0 | 7.1 | 960 | 5300 |
| 1,2,4-Trichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 0.81 | 1.8 |
| 1,2-Dichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 2.3 | 2.3 |
| 1,4-Dichlorobenzene | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | 3.1 | 9 |
| Bis(2-Ethylhexyl)Phthalate | 8.3 | 1.0 | 9.1 | 0.97 | 4.6 | 1.0 | 7.0 | 0.95 | 3.3 | 1.0 | 47 | 78 |
| Benzyl Butyl Phthalate | 1.3 | 0.91 | 1.3 | 0.86 | 1.3 | 0.89 | 1.4 | 0.85 | 1.4 | 0.88 | 4.9 | 64 |
| Di-N-Butyl Phthalate | 1.6 | 0.76 | 2.3 | 0.72 | 2.4 | 0.74 | 2.0 | 0.71 | 2.6 | 0.74 | 220 | 1700 |
| Di-N-Octyl Phthalate | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.1 | <MDL | 1.2 | 58 | 4500 |
| Dibenzofuran | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.1 | 15 | 58 |
| Diethyl Phthalate | <MDL | 0.91 | <MDL | 0.86 | <MDL | 0.89 | <MDL | 0.85 | <MDL | 0.88 | 61 | 110 |
| Dimethyl Phthalate | <MDL | 1.7 | <MDL | 1.6 | <MDL | 1.6 | <MDL | 1.6 | <MDL | 1.6 | 53 | 53 |
| Hexachlorobenzene | <MDL | 0.10 | <MDL | 0.10 | <MDL | 0.10 | <MDL | 0.09 | <MDL | 0.10 | 0.38 | 2.3 |
| Hexachlorobutadiene | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | 3.9 | 6.2 |
| N-Nitrosodiphenylamine | <MDL | 3.0 | <MDL | 2.9 | <MDL | 3.0 | <MDL | 2.8 | <MDL | 2.9 | 11 | 11 |
| Total PCBs | <MDL | 0.36 | <MDL | 0.36 | <MDL | 0.35 | <MDL | 0.37 | 1.33 | 0.19 | 12 | 65 |

< MDL Result below method detection limit

**Table B-15 2001 Point Source Offshore Sediment Monitoring
Comparison With Organic Carbon Normalized Standards (page 2 of 3)**

| 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 | | |
| Nonionizable Organic Compounds (mg/kg organic carbon.) | | | | | | | | | | | | |
| 2-Methylnaphthalene | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.1 | 38 | 64 |
| Acenaphthene | <MDL | 1.1 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.1 | 66 | 66 |
| Acenaphthylene | <MDL | 2.3 | <MDL | 2.2 | <MDL | 2.1 | <MDL | 2.2 | <MDL | 2.3 | 16 | 57 |
| Anthracene | <MDL | 0.61 | <MDL | 0.6 | <MDL | 0.6 | <MDL | 0.59 | <MDL | 0.60 | 220 | 1200 |
| Fluorene | <MDL | 2.0 | <MDL | 1.90 | <MDL | 1.8 | <MDL | 1.9 | <MDL | 2.0 | 23 | 79 |
| Naphthalene | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.1 | 99 | 170 |
| Phenanthrene | 1.9 | 0.61 | 2.1 | 0.58 | 1.9 | 0.57 | 1.9 | 0.59 | 1.5 | 0.60 | 100 | 480 |
| Total LPAHs | 1.9 | 0.61 | 2.1 | 0.58 | 1.9 | 0.57 | 1.9 | 0.59 | 1.5 | 0.60 | 370 | 780 |
| Benzo(A)Anthracene | 2.0 | 0.30 | 2.1 | 0.29 | 2.4 | 0.28 | 2.0 | 0.30 | 2.1 | 0.30 | 110 | 270 |
| Benzo(A)Pyrene | 3.0 | 0.46 | 2.9 | 0.44 | 3.2 | 0.42 | 3.4 | 0.44 | 3.2 | 0.45 | 99 | 210 |
| Benzo(G,H,I)Perylene | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.1 | <MDL | 1.2 | <MDL | 1.2 | 31 | 78 |
| Chrysene | 2.3 | 0.61 | 2.8 | 0.58 | 2.8 | 0.57 | 2.3 | 0.59 | 2.4 | 0.60 | 110 | 460 |
| Dibenzo(A,H)Anthracene | <MDL | 1.1 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.0 | <MDL | 1.1 | 12 | 33 |
| Fluoranthene | 3.2 | 1.2 | 3.2 | 1.2 | 3.7 | 1.1 | 3.1 | 1.2 | 3.1 | 1.2 | 160 | 1200 |
| Indeno(1,2,3-Cd)Pyrene | 2.1 | 1.4 | 2.3 | 1.3 | 2.4 | 1.3 | 2.2 | 1.3 | 2.1 | 1.4 | 34 | 88 |
| Pyrene | 4.7 | 0.61 | 5.6 | 0.58 | 5.7 | 0.57 | 4.5 | 0.59 | 4.8 | 0.60 | 1000 | 1400 |
| Total benzofluoranthenes | 1.0 | 0.4 | 1.5 | 0.5 | 1.8 | 0.4 | 1.8 | 0.5 | 1.3 | 0.5 | 230 | 450 |
| Total HPAHs | 18.3 | 7.3 | 20.3 | 7.0 | 22.1 | 6.8 | 19.3 | 7.1 | 19.1 | 7.2 | 960 | 5300 |
| 1,2,4-Trichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 0.81 | 1.8 |
| 1,2-Dichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 2.3 | 2.3 |
| 1,4-Dichlorobenzene | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | 3.1 | 9 |
| Bis(2-Ethylhexyl)Phthalate | 6.9 | 1.0 | 5.0 | 1.0 | 43.9 | 0.95 | 3.0 | 1.0 | 5.0 | 1.0 | 47 | 78 |
| Benzyl Butyl Phthalate | 1.3 | 0.91 | 1.9 | 0.88 | 1.3 | 0.85 | 1.5 | 0.89 | 1.4 | 0.90 | 4.9 | 64 |
| Di-N-Butyl Phthalate | 2.1 | 0.76 | 2.3 | 0.73 | 1.8 | 0.71 | 2.1 | 0.74 | 1.7 | 0.75 | 220 | 1700 |
| Di-N-Octyl Phthalate | <MDL | 1.2 | <MDL | 1.2 | <MDL | 1.1 | <MDL | 1.2 | <MDL | 1.2 | 58 | 4500 |
| Dibenzofuran | <MDL | 2.1 | <MDL | 2.0 | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.1 | 15 | 58 |
| Diethyl Phthalate | <MDL | 0.91 | <MDL | 0.88 | <MDL | 0.85 | <MDL | 0.89 | <MDL | 0.90 | 61 | 110 |
| Dimethyl Phthalate | <MDL | 1.7 | <MDL | 1.6 | <MDL | 1.6 | <MDL | 1.6 | <MDL | 1.7 | 53 | 53 |
| Hexachlorobenzene | <MDL | 0.10 | <MDL | 0.10 | <MDL | 0.09 | <MDL | 0.10 | <MDL | 0.10 | 0.38 | 2.3 |
| Hexachlorobutadiene | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | <MDL | 0.11 | 3.9 | 6.2 |
| N-Nitrosodiphenylamine | <MDL | 3.0 | <MDL | 2.9 | <MDL | 2.8 | <MDL | 3.0 | <MDL | 3.0 | 11 | 11 |
| Total PCBs | 0.77 | 0.19 | <MDL | 0.36 | <MDL | 0.35 | <MDL | 0.37 | <MDL | 0.37 | 12 | 65 |

< MDL Result below method detection limit

**Table B-15 2001 Point Source Offshore Sediment Monitoring
Comparison With Organic Carbon Normalized Standards (page 3 of 3)**

| Station: | RT715NSW | | RT825N | | RT825S | | Sediment Quality Standards | Lowest Apparent Effects Threshold |
|---|----------|-------|----------|-------|----------|-------|----------------------------------|--|
| Date: | 8-Nov-01 | | 7-Nov-01 | | 7-Nov-01 | | | |
| % Solids: | 29.7 | 0.005 | 28.5 | 0.005 | 29.2 | 0.005 | | |
| TOC (mg/kg dry wt.): | 23131 | | 22596 | | 22158 | | | |
| | Value | MDL | Value | MDL | Value | MDL | | |
| Nonionizable Organic Compounds (mg/kg organic carbon.) | | | | | | | | |
| 2-Methylnaphthalene | <MDL | 2.1 | <MDL | 2.2 | <MDL | 2.1 | 38 | 64 |
| Acenaphthene | <MDL | 1.1 | <MDL | 1.1 | <MDL | 1.1 | 66 | 66 |
| Acenaphthylene | <MDL | 2.3 | <MDL | 2.4 | <MDL | 2.3 | 16 | 57 |
| Anthracene | <MDL | 0.61 | <MDL | 0.63 | <MDL | 0.61 | 220 | 1200 |
| Fluorene | <MDL | 2.0 | <MDL | 2.1 | <MDL | 2.0 | 23 | 79 |
| Naphthalene | <MDL | 2.1 | <MDL | 2.2 | <MDL | 2.1 | 99 | 170 |
| Phenanthrene | 1.9 | 0.61 | 1.8 | 0.63 | 2.2 | 0.61 | 100 | 480 |
| Total LPAHs | 1.9 | 0.61 | 1.8 | 0.63 | 2.2 | 0.61 | 370 | 780 |
| Benzo(A)Anthracene | 2.0 | 0.3 | 2.0 | 0.3 | 2.3 | 0.3 | 110 | 270 |
| Benzo(A)Pyrene | 3.5 | 0.5 | 3.1 | 0.5 | 3.2 | 0.5 | 99 | 210 |
| Benzo(G,H,I)Perylene | <MDL | 1.2 | <MDL | 1.3 | <MDL | 1.2 | 31 | 78 |
| Chrysene | 2.3 | 0.6 | 2.6 | 0.6 | 2.7 | 0.6 | 110 | 460 |
| Dibenzo(A,H)Anthracene | <MDL | 1.1 | <MDL | 1.1 | <MDL | 1.1 | 12 | 33 |
| Fluoranthene | 3.8 | 1.2 | 2.9 | 1.3 | 4.5 | 1.2 | 160 | 1200 |
| Indeno(1,2,3-Cd)Pyrene | 1.8 | 1.4 | 2.2 | 1.4 | 1.8 | 1.4 | 34 | 88 |
| Pyrene | 4.5 | 0.6 | 5.2 | 0.6 | 4.9 | 0.6 | 1000 | 1400 |
| Total benzofluoranthenes | 1.2 | 0.4 | 1.5 | 0.5 | 2.2 | 0.5 | 230 | 450 |
| Total HPAHs | 19.2 | 7.3 | 19.6 | 7.6 | 21.7 | 7.3 | 960 | 5300 |
| 1,2,4-Trichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 0.81 | 1.8 |
| 1,2-Dichlorobenzene | <MDL | 0.04 | <MDL | 0.04 | <MDL | 0.04 | 2.3 | 2.3 |
| 1,4-Dichlorobenzene | <MDL | 0.02 | <MDL | 0.02 | <MDL | 0.02 | 3.1 | 9 |
| Bis(2-Ethylhexyl)Phthalate | 2.4 | 1.0 | 6.4 | 1.1 | 5.4 | 1.0 | 47 | 78 |
| Benzyl Butyl Phthalate | 1.3 | 0.92 | 1.6 | 0.95 | 1.3 | 0.91 | 4.9 | 64 |
| Di-N-Butyl Phthalate | 1.7 | 0.77 | 2.48 | 0.79 | 2.32 | 0.76 | 220 | 1700 |
| Di-N-Octyl Phthalate | <MDL | 1.2 | <MDL | 1.3 | <MDL | 1.2 | 58 | 4500 |
| Dibenzofuran | <MDL | 2.1 | <MDL | 2.2 | <MDL | 2.1 | 15 | 58 |
| Diethyl Phthalate | <MDL | 0.92 | <MDL | 0.95 | <MDL | 0.91 | 61 | 110 |
| Dimethyl Phthalate | <MDL | 1.7 | <MDL | 1.7 | <MDL | 1.7 | 53 | 53 |
| Hexachlorobenzene | <MDL | 0.10 | <MDL | 0.10 | <MDL | 0.10 | 0.38 | 2.3 |
| Hexachlorobutadiene | <MDL | 0.12 | <MDL | 0.12 | <MDL | 0.11 | 3.9 | 6.2 |
| N-Nitrosodiphenylamine | <MDL | 3.1 | <MDL | 3.2 | <MDL | 3.0 | 11 | 11 |
| Total PCBs | <MDL | 0.35 | <MDL | 0.35 | <MDL | 0.36 | 12 | 65 |

< MDL Result below method detection limit

