**TABLE B-28**
**ELUTRIATE ANALYSIS**
**SITE CR1-AM, mixed with IHNC water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <14,800 | <3 | <3 | |
| Arsenic (total) | 11,000 | <3 | 3.5 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,120 | <0.6 | <0.6 | |
| Cadmium | <1,200 | <3 | <0.3 | 43 |
| Chromium (total) | 26,000 | <2 | 2.8 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 38,000 | <14 | 200 | 2.9 |
| Lead | 90,000 | 3.3 | 13 | 140 |
| Mercury | 200 | | <0.2 | 2.1 |
| Nickel | 29,000 | <23 | <23 | 75 |
| Selenium | <800 | <3 | <6 | |
| Silver | <2,200 | <0.4 | <0.4 | 2.3 |
| Thallium | <500 | <2 | <2 | |
| Zinc | 230,000 | <20 | 220 | 95 |
| Aluminum | 16,000,000 | 900 | 210 | |
| Barium | 1,600,000 | 66 | 250 | |
| Boron | <24,600 | 900 | 870 | |
| Calcium | 4,800,000 | 100,000 | 88,000 | |
| Cobalt | 13,000 | <11 | <11 | |
| Iron | 29,000,000 | 860 | 500 | |
| Magnesium | 6,600,000 | 250,000 | 260,000 | |
| Manganese | 650,000 | 180 | 310 | |
| Molubdenum | <24,600 | <1 | <100 | |
| Potassium | 3,700,000 | 91,000 | 91,000 | |
| Vanadium | 38,000 | <13 | <13 | |
| TRP Hydrocarbons | 15,000 | <1,000 | <1,000 | |
| Aldrin | <4.2 | <0.05 | <0.05 | 1.3 |
| A-BHC | <4.2 | <0.05 | <0.05 | |
| B-BHC | <4.2 | <0.05 | <0.05 | |
| G-BHC | <4.2 | <0.05 | <0.05 | 0.160 |
| D-BHC | <4.2 | <0.05 | <0.05 | |
| PPDDD | <8.5 | <0.01 | <0.1 | 1.25 |
| PPDDE | <8.5 | <0.1 | <0.1 | 0.7 |
| PPDDT | <8.5 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <4.2 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <8.5 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <4.2 | <0.05 | <0.05 | |
| B-Endosulfan | <8.5 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <8.5 | <0.1 | <0.1 | |
| Endrin | <8.5 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <8.5 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <4.2 | <0.05 | <0.5 | |
| Methoxychlor | <42 | <0.5 | <0.5 | 2.1 |
| Chlordane | <4.2 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <420 | <5 | <5 | 0.21 |
| PCB-1016 | <82 | <1 | <1 | 10 |
| PCB-1221 | <160 | <2 | <2 | 10 |
| PCB-1232 | <82 | <1 | <1 | 10 |
| PCB-1242 | <82 | <1 | <1 | 10 |
| PCB-1248 | <82 | <1 | <1 | 10 |
| PCB-1254 | <82 | <1 | <1 | 10 |

**TABLE B-28** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| PCB-1260 | <82 | <1 | <1 | 10 |
| Phenol | <820 | <10 | <12 | 580 |
| 2-Chlorophenol | <820 | <10 | <12 | |
| 2-Nitrophenol | <820 | <10 | <12 | |
| 2,4-Dimethylphenol | <820 | <10 | <12 | |
| 2,4-Dichlorophenol | <820 | <10 | <12 | |
| 4-Chloro-3-Methylphenol | <820 | <10 | <12 | |
| 2,4,6-Trichlorophenol | <820 | <10 | <12 | |
| 2,4-Dinitrophenol | <4,000 | <50 | <60 | |
| 4-Nitrophenol | <4,000 | <50 | <60 | |
| 2-Methyl-4,6-Dinotrophenol | <4,000 | <50 | <60 | |
| Pentachlorophenol | <4,000 | <50 | <60 | 13 |
| Benzoic Acid | <4,000 | <50 | <60 | |
| 2-Methylphenol | <820 | <10 | <12 | |
| 4-Methylphenol | <820 | <10 | <12 | |
| 2,4,5-Trichlorophenol | <4,000 | <50 | <60 | |
| Benzyl Alcohol | <820 | <10 | <12 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <820 | <10 | <12 | |
| N-Nitroso-Di-N-Propylamine | <820 | <10 | <12 | |
| Nitrobenzene | <820 | <10 | <12 | |
| Isophorone | <820 | <10 | <12 | |
| Bis(2-Chloroethoxy)Methane | <820 | <10 | <12 | |
| 2,6-Dinitrotoluene | <820 | <10 | <12 | |
| 2,4-Dinitrotoluene | <820 | <10 | <12 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,600 | <20 | <24 | |
| Bis(2-Chloroethyl)Ether | <820 | <10 | <12 | |
| 1,3-Dichlorobenzene | <820 | <10 | <12 | |
| 1,4-Dichlorobenzene | <820 | <10 | <12 | |
| 1,2-Dichlorobenzene | <820 | <10 | <12 | |
| Hexachloroethane | <820 | <10 | <12 | |
| 1,2,4-Trichlorobenzene | <820 | <10 | <12 | |
| Naphthalene | <820 | <10 | <12 | |
| Hexachlorobutadiene | <820 | <10 | <12 | 1.6 |
| Hexachlorocyclopentadiene | <820 | <10 | <12 | |
| 2-Chloronaphthalene | <820 | <10 | <12 | |
| Acenaphthylene | <820 | <10 | <12 | |
| Dimehtyl Phthalate | <820 | <10 | <12 | |
| Acenaphthene | 160 | <10 | <12 | |
| Fluorene | 160 | <10 | <12 | |
| Diethyl Phthalate | 110 | <10 | <12 | |
| 4-Chlorophenyl Phenyl Ether | <820 | <10 | <12 | |
| N-Nitrosodiphenyl Amine | <820 | <10 | <12 | |
| 4-Bromophenyl Ether | <820 | <10 | <12 | |
| Hexachlorobenzene | <820 | <10 | <12 | |
| Phenathrene | 540 | <10 | <12 | |
| Anthracene | 110 | <10 | <12 | |
| Dibutylphthalate | 84 | <10 | <12 | |
| Fluoranathene | 1,400 | <10 | <12 | |
| Pyrene | 1,100 | <10 | <12 | |
| Butylbenzylphthalate | <820 | <10 | <12 | |
| Chrysene | 270 | <10 | <12 | |
| Benzo(a)Antharacene | 220 | <10 | <12 | |
| Bis(2-Ethylexyl)Phthalate | 300 | 1 | 7 | |
| Di-N-Octyphthalate | <820 | <10 | <12 | |

**TABLE B-28** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Benxo(a)Fluoranthene | 430 | <10 | <12 | |
| Benzo(k)Fluoranthene | <820 | <10 | <12 | |
| Benzo(a)Pyrene | 150 | <10 | <12 | |
| Indeno(1,2,3-C,D)Pyrene | 140 | <10 | <12 | |
| Dibenzo(A,H)Anthracene | <820 | <10 | <12 | |
| Benzo(G,H,I)Perylene | <820 | <10 | <12 | |
| Aniline | | | | |
| 4-Chloroaniline | <820 | <10 | <12 | |

**TABLE B-29**
**ELUTRIATE ANALYSIS**
**SITE CR1-AB, mixed with IHNC water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Dibenzofuran | <820 | <10 | <12 | |
| 2-Methylnaphthalene | <820 | <10 | <12 | |
| 2-Nitroaniline | <4,000 | <50 | <60 | |
| 3-Nitroaniline | <4,000 | <50 | <60 | |
| 4-Nitroaniline | <4,000 | <50 | <60 | |
| Antimony | <10,300 | <3 | <3 | |
| Arsenic (total) | 9,500 | <3 | <3.0 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 900 | <0.6 | <0.6 | |
| Cadmium | <900 | <3 | <0.3 | 43 |
| Chromium (total) | 16,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 20,000 | <14 | 81 | 2.9 |
| Lead | 18,000 | 3.3 | 7.9 | 140 |
| Mercury | 100 | | <0.2 | 2.1 |
| Nickel | 24,000 | <23 | <23 | 75 |
| Selenium | <500 | <3 | <6 | |
| Silver | <1,500 | <0.4 | <0.4 | 2.3 |
| Thallium | <300 | <2 | <2 | |
| Zinc | 72,000 | <20 | 120 | 95 |
| Aluminum | 11,000,000 | 900 | 120 | |
| Barium | 110,000 | 66 | 420 | |
| Boron | <17,100 | 900 | 900 | |
| Calcium | 13,000,000 | 100,000 | 96,000 | |
| Cobalt | 9,500 | <11 | <11 | |
| Iron | 20,000,000 | 860 | 250 | |
| Magnesium | 8,100,000 | 250,000 | 260,000 | |
| Manganese | 620,000 | 180 | 81 | |
| Molubdenum | <17,100 | <1 | <100 | |
| Potassium | 3,400,000 | 91,000 | 87,000 | |
| Vanadium | 25,000 | <13 | <13 | |
| TRP Hydrocarbons | 11,000 | <1,000 | <1,000 | |
| Aldrin | <2.9 | <0.05 | <0.05 | 1.3 |
| A-BHC | <2.9 | <0.05 | <0.05 | |
| B-BHC | <2.9 | <0.05 | <0.05 | |
| G-BHC | <2.9 | <0.05 | <0.05 | 0.160 |
| D-BHC | <2.9 | <0.05 | <0.05 | |
| PPDDD | <5.9 | <0.01 | <0.1 | 1.25 |

**TABLE B-29** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| PPDDE | <5.9 | <0.1 | <0.1 | 0.7 |
| PPDDT | <5.9 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <2.9 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <5.9 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <2.9 | <0.05 | <0.05 | |
| B-Endosulfan | <5.9 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <5.9 | <0.1 | <0.1 | |
| Endrin | 5.9 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <5.9 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <2.9 | <0.05 | <0.5 | |
| Methoxychlor | <29 | <0.5 | <0.5 | 2.1 |
| Chlordane | <2.9 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <290 | <5 | <5 | 0.21 |
| PCB-1016 | <57 | <1 | <1 | 10 |
| PCB-1221 | <110 | <2 | <2 | 10 |
| PCB-1232 | <57 | <1 | <1 | 10 |
| PCB-1242 | <57 | <1 | <1 | 10 |
| PCB-1248 | <57 | <1 | <1 | 10 |
| PCB-1254 | <57 | <1 | <1 | 10 |
| PCB-1260 | <57 | <1 | <1 | 10 |
| Phenol | <570 | <10 | <12 | 580 |
| 2-Chlorophenol | <570 | <10 | <12 | |
| 2-Nitrophenol | <570 | <10 | <12 | |
| 2,4-Dimethylphenol | <570 | <10 | <12 | |
| 2,4-Dichlorophenol | <570 | <10 | <12 | |
| 4-Chloro-3-Methylphenol | <570 | <10 | <12 | |
| 2,4,6-Trichlorophenol | <570 | <10 | <12 | |
| 2,4-Dinitrophenol | <2,800 | <50 | <60 | |
| 4-Nitrophenol | <2,800 | <50 | <60 | |
| 2-Methyl-4,6-Dinotrophenol | <2,800 | <50 | <60 | |
| Pentachlorophenol | <2,800 | <50 | <60 | 13 |
| Benzoic Acid | <2,800 | <50 | <60 | |
| 2-Methylphenol | <570 | <10 | <12 | |
| 4-Methylphenol | <570 | <10 | <12 | |
| 2,4,5-Trichlorophenol | <2,800 | <50 | <60 | |
| Benzyl Alcohol | <570 | <10 | <12 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <570 | <10 | <12 | |
| N-Nitroso-Di-N-Propylamine | <570 | <10 | <12 | |
| Nitrobenzene | <570 | <10 | <12 | |
| Isophorone | <570 | <10 | <12 | |
| Bis(2-Chloroethoxy)Methane | <570 | <10 | <12 | |
| 2,6-Dinitrotoluene | <570 | <10 | <12 | |
| 2,4-Dinitrotoluene | <570 | <10 | <12 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,100 | <20 | <24 | |
| Bis(2-Chloroethyl)Ether | <570 | <10 | <12 | |
| 1,3-Dichlorobenzene | <570 | <10 | <12 | |
| 1,4-Dichlorobenzene | <570 | <10 | <12 | |
| 1,2-Dichlorobenzene | <570 | <10 | <12 | |
| Hexachloroethane | <570 | <11 | <12 | |
| 1,2,4-Trichlorobenzene | <570 | <10 | <12 | |
| Naphthalene | <570 | <10 | <12 | |
| Hexachlorobutadiene | <570 | <10 | <12 | 1.6 |
| Hexachlorocyclopentadiene | <570 | <10 | <12 | |

**TABLE B-29** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | IHNC Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| 2-Chloronaphthalene | <570 | <10 | <12 | |
| Acenaphthylene | <570 | <10 | <12 | |
| Dimehtyl Phthalate | <570 | <10 | <12 | |
| Acenaphthene | <570 | <10 | <12 | |
| Fluorene | <570 | <10 | <12 | |
| Diethyl Phthalate | <570 | <10 | 0.3 | |
| 4-Chlorophenyl Phenyl Ether | <570 | <10 | <12 | |
| N-Nitrosodiphenyl Amine | <570 | <10 | <12 | |
| 4-Bromophenyl Ether | <570 | <10 | <12 | |
| Hexachlorobenzene | <570 | <10 | <12 | |
| Phenathrene | <570 | <10 | <12 | |
| Anthracene | <570 | <10 | <12 | |
| Dibutylphthalate | 84 | <10 | <12 | |
| Fluoranathene | <570 | <10 | <12 | |
| Pyrene | <570 | <10 | <12 | |
| Butylbenzylphthalate | <570 | <10 | <12 | |
| Chrysene | <570 | <10 | <12 | |
| Benzo(a)Antharacene | <570 | <10 | <12 | |
| Bis(2-Ethylexyl)Phthalate | 190 | 1 | 1 | |
| Di-N-Octyphthalate | <570 | <10 | <12 | |
| Benxo(a)Fluoranthene | <570 | <10 | <12 | |
| Benzo(k)Fluoranthene | <570 | <10 | <12 | |
| Benzo(a)Pyrene | <570 | <10 | <12 | |
| Indeno(1,2,3-C,D)Pyrene | <570 | <10 | <12 | |
| Dibenzo(A,H)Anthracene | <570 | <10 | <12 | |
| Benzo(G,H,I)Perylene | <570 | <10 | <12 | |
| Aniline | | | | |
| 4-Chloroaniline | <570 | <10 | <12 | |
| Dibenzofuran | <570 | <10 | <12 | |
| 2-Methylnaphthalene | <570 | <10 | <12 | |
| 2-Nitroaniline | <2,800 | <50 | <60 | |
| 3-Nitroaniline | <2,800 | <50 | <60 | |
| 4-Nitroaniline | <2,800 | <50 | <60 | |

TABLE B-30
ELUTRIATE ANALYSIS
SITE GR1-AT, mixed with disposal area water

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediment (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <16,200 | <3 | <60 | |
| Arsenic (total) | 11,000 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,130 | <0.6 | <0.6 | |
| Cadmium | <1,400 | <3 | <0.3 | 43 |
| Chromium (total) | 31,000 | <2 | 2.2 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 45,000 | <14 | 28 | 2.9 |
| Lead | 100,000 | 8.7 | 3.2 | 140 |
| Mercury | 300 | | <0.2 | 2.1 |

**TABLE B-30**(continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediment (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Nickel | 29,000 | <23 | <23 | 75 |
| Selenium | <800 | <3 | <6 | |
| Silver | <2,400 | <0.4 | <0.4 | 2.3 |
| Thallium | <500 | <2 | <2 | |
| Zinc | 270,000 | <20 | 81 | 95 |
| Aluminum | 16,000,000 | 340 | 73 | |
| Barium | 1,700,000 | 120 | 190 | |
| Boron | <27,100 | 980 | 1,100 | |
| Calcium | 5,100,000 | 100,000 | 100,000 | |
| Cobalt | 12,000 | <11 | <11 | |
| Iron | 28,000,000 | 530 | 680 | |
| Magnesium | 6,800,000 | 280,000 | 290,000 | |
| Manganese | 500,000 | 250 | 1,300 | |
| Molubdenum | <27,100 | <1 | <100 | |
| Potassium | 4,000,000 | 96,000 | 100,000 | |
| Vanadium | 36,000 | <13 | <13 | |
| TRP Hydrocarbons | 30,000 | <1,000 | <1,000 | |
| Aldrin | <4 | <0.05 | <0.05 | 1.3 |
| A-BHC | <4 | <0.05 | <0.05 | |
| B-BHC | <4 | <0.05 | <0.05 | |
| G-BHC | <4 | <0.05 | <0.05 | 0.160 |
| D-BHC | <4 | <0.05 | <0.05 | |
| PPDDD | <9 | <0.01 | <0.1 | 1.25 |
| PPDDE | <9 | <0.1 | <0.1 | 0.7 |
| PPDDT | <9 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <4 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <9 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <4 | <0.05 | <0.05 | |
| B-Endosulfan | <9 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <9 | <0.1 | <0.1 | |
| Endrin | <9 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <9 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <4 | <0.05 | <0.05 | |
| Methoxychlor | <47 | <0.5 | <0.5 | 2.1 |
| Chlordane | <4 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <470 | <5 | <5 | 0.21 |
| PCB-1016 | <92 | <1 | <1 | 10 |
| PCB-1221 | <180 | <2 | <2 | 10 |
| PCB-1232 | <92 | <1 | <1 | 10 |
| PCB-1242 | <92 | <1 | <1 | 10 |
| PCB-1248 | <92 | <1 | <1 | 10 |
| PCB-1254 | <92 | <1 | <1 | 10 |
| PCB-1260 | <92 | <1 | <1 | 10 |
| Phenol | <920 | <10 | <14 | 580 |
| 2-Chlorophenol | <920 | <10 | <14 | |
| 2-Nitrophenol | <920 | <10 | <14 | |
| 2,4-Dimethylphenol | <920 | <10 | <14 | |
| 2,4-Dichlorophenol | <920 | <10 | <14 | |
| 4-Chloro-3-Methylphenol | <920 | <10 | <14 | |
| 2,4,6-Trichlorophenol | <920 | <10 | <14 | |
| 2,4-Dinitrophenol | <4,400 | <50 | <14 | |
| 4-Nitrophenol | <4,400 | <50 | <68 | |
| 2-Methyl-4,6-Dinotrophenol | <4,000 | <50 | <68 | |
| Pentachlorophenol | <4,000 | <50 | <68 | 13 |
| Benzoic Acid | <4,000 | <50 | <68 | |

**TABLE B-30**(continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediment (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| 2-Methylphenol | <920 | <10 | <14 | |
| 4-Methylphenol | <920 | <10 | <14 | |
| 2,4,5-Trichlorophenol | <920 | <50 | <68 | |
| Benzyl Alcohol | <920 | <10 | <14 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <920 | <10 | <14 | |
| N-Nitroso-Di-N-Propylamine | <920 | <10 | <14 | |
| Nitrobenzene | <920 | <10 | <14 | |
| Isophorone | <920 | <10 | <14 | |
| Bis(2-Chloroethoxy)Methane | <920 | <10 | <14 | |
| 2,6-Dinitrotoluene | <920 | <10 | <14 | |
| 2,4-Dinitrotoluene | <920 | <10 | <14 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,800 | <20 | <27 | |
| Bis(2-Chloroethyl)Ether | <920 | <10 | <14 | |
| 1,3-Dichlorobenzene | <920 | <10 | <14 | |
| 1,4-Dichlorobenzene | <920 | <10 | <14 | |
| 1,2-Dichlorobenzene | <920 | <10 | <14 | |
| Hexachloroethane | <920 | <10 | <14 | |
| 1,2,4-Trichlorobenzene | <920 | <10 | <14 | |
| Naphthalene | <920 | <10 | <14 | |
| Hexachlorobutadiene | <920 | <10 | <14 | 1.6 |
| Hexachlorocyclopentadiene | <920 | <10 | <14 | |
| 2-Chloronaphthalene | <920 | <10 | <14 | |
| Acenaphthylene | <920 | <10 | <14 | |
| Dimehtyl Phthalate | <920 | <10 | <14 | |
| Acenaphthene | 150 | <10 | <14 | |
| Fluorene | 110 | <10 | <14 | |
| Diethyl Phthalate | <920 | <10 | <14 | |
| 4-Chlorophenyl Phenyl Ether | <920 | <10 | <14 | |
| N-Nitrosodiphenyl Amine | <920 | <10 | <14 | |
| 4-Bromophenyl Ether | <920 | <10 | <14 | |
| Hexachlorobenzene | <920 | <10 | <14 | |
| Phenathrene | 480 | <10 | <14 | |
| Anthracene | 120 | <10 | <14 | |
| Dibutylphthalate | 120 | <10 | <14 | |
| Fluoranathene | <920 | <10 | <14 | |
| Pyrene | 1,300 | <10 | <14 | |
| Butylbenzylphthalate | <920 | <10 | <14 | |
| Chrysene | 600 | <10 | <14 | |
| Benzo(a)Antharacene | 390 | <10 | <14 | |
| Bis(2-Ethylexyl)Phthalate | 610 | 1 | 1 | |
| Di-N-Octyphthalate | <920 | <10 | <14 | |
| Benxo(a)Fluoranthene | 990 | <10 | <14 | |
| Benzo(k)Fluoranthene | <920 | <10 | <14 | |
| Benzo(a)Pyrene | 480 | <10 | <14 | |
| Indeno(1,2,3-C,D)Pyrene | 280 | <10 | <14 | |
| Dibenzo(A,H)Anthracene | <920 | <10 | <14 | |
| Benzo(G,H,I)Perylene | <920 | <10 | <14 | |
| Aniline | | | | |
| 4-Chloroaniline | <920 | <10 | <14 | |
| Dibenzofuran | <920 | <10 | <14 | |
| 2-Methylnaphthalene | <920 | <10 | <14 | |
| 2-Nitroaniline | <4,400 | <50 | <68 | |
| 3-Nitroaniline | <4,400 | <50 | <68 | |
| 4-Nitroaniline | <4,400 | <50 | <68 | |

**TABLE B-31**
**ELUTRIATE ANALYSIS**
**SITE GR1-AM, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <10,600 | <3 | <60 | |
| Arsenic (total) | 6,700 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,070 | <0.6 | <0.6 | |
| Cadmium | <900 | <3 | <0.3 | 43 |
| Chromium (total) | 20,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 26,000 | <14 | 38 | 2.9 |
| Lead | 36,000 | 8.7 | 3.6 | 140 |
| Mercury | 200 | | <0.2 | 2.1 |
| Nickel | 27,000 | <23 | <23 | 75 |
| Selenium | <500 | <3 | <6 | |
| Silver | <1,600 | <0.4 | <0.4 | 2.3 |
| Thallium | <400 | <2 | <2 | |
| Zinc | 110,000 | <20 | 86 | 95 |
| Aluminum | 14,000,000 | 340 | 120 | |
| Barium | 170,000 | 120 | 740 | |
| Boron | 17,100 | 980 | 940 | |
| Calcium | 9,600,000 | 100,000 | 110,000 | |
| Cobalt | 11,000 | <11 | <11 | |
| Iron | 22,000,000 | 530 | 1,600 | |
| Magnesium | 7,600,000 | 280,000 | 270,000 | |
| Manganese | 510,000 | 250 | 400 | |
| Molubdenum | <17,000 | <1 | <100 | |
| Potassium | 3,300,000 | 96,000 | 78,000 | |
| Vanadium | 31,000 | <13 | <13 | |
| TRP Hydrocarbons | 53,000 | <1,000 | <1,000 | |
| Aldrin | <3.1 | <0.05 | <0.05 | 1.3 |
| A-BHC | <3.1 | <0.05 | <0.05 | |
| B-BHC | <3.1 | <0.05 | <0.05 | |
| G-BHC | <3.1 | <0.05 | <0.05 | 0.160 |
| D-BHC | <3.1 | <0.05 | <0.05 | |
| PPDDD | <6.1 | <0.01 | <0.1 | 1.25 |
| PPDDE | <6.1 | <0.1 | <0.1 | 0.7 |
| PPDDT | <6.1 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <3.1 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <6.1 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <3.1 | <0.05 | <0.05 | |
| B-Endosulfan | <6.1 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <6.1 | <0.1 | <0.1 | |
| Endrin | <6.1 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <6.1 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <3.1 | <0.05 | <0.05 | |
| Methoxychlor | <31 | <0.5 | <0.5 | 2.1 |
| Chlordane | <3.1 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <310 | <5 | <5 | 0.21 |
| PCB-1016 | <61 | <1 | <1 | 10 |
| PCB-1221 | <120 | <2 | <2 | 10 |
| PCB-1232 | <61 | <1 | <1 | 10 |
| PCB-1242 | <61 | <1 | <1 | 10 |
| PCB-1248 | <61 | <1 | <1 | 10 |
| PCB-1254 | <61 | <1 | <1 | 10 |
| PCB-1260 | <61 | <1 | <1 | 10 |

**TABLE B-31** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Phenol | <610 | <10 | <13 | 580 |
| 2-Chlorophenol | <610 | <10 | <13 | |
| 2-Nitrophenol | <610 | <10 | <13 | |
| 2,4-Dimethylphenol | <610 | <10 | <13 | |
| 2,4-Dichlorophenol | <610 | <10 | <13 | |
| 4-Chloro-3-Methylphenol | <610 | <10 | <13 | |
| 2,4,6-Trichlorophenol | <610 | <10 | <13 | |
| 2,4-Dinitrophenol | <3,000 | <50 | <13 | |
| 4-Nitrophenol | <3,000 | <50 | <66 | |
| 2-Methyl-4,6-Dinotrophenol | <3,000 | <50 | <66 | |
| Pentachlorophenol | <3,000 | <50 | <66 | 13 |
| Benzoic Acid | <3,000 | <50 | <66 | |
| 2-Methylphenol | <610 | <10 | <13 | |
| 4-Methylphenol | <610 | <10 | <13 | |
| 2,4,5-Trichlorophenol | <610 | <50 | <66 | |
| Benzyl Alcohol | <610 | <10 | <13 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <610 | <10 | <13 | |
| N-Nitroso-Di-N-Propylamine | <610 | <10 | <13 | |
| Nitrobenzene | <610 | <10 | <13 | |
| Isophorone | <610 | <10 | <13 | |
| Bis(2-Chloroethoxy)Methane | <610 | <10 | <13 | |
| 2,6-Dinitrotoluene | <610 | <10 | <13 | |
| 2,4-Dinitrotoluene | <610 | <10 | <13 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,200 | <20 | <27 | |
| Bis(2-Chloroethyl)Ether | <610 | <10 | <13 | |
| 1,3-Dichlorobenzene | <610 | <10 | <13 | |
| 1,4-Dichlorobenzene | <610 | <10 | <13 | |
| 1,2-Dichlorobenzene | <610 | <10 | <13 | |
| Hexachloroethane | <920 | <10 | <13 | |
| 1,2,4-Trichlorobenzene | <920 | <10 | <13 | |
| Naphthalene | <920 | <10 | <13 | |
| Hexachlorobutadiene | <920 | <10 | <13 | 1.6 |
| Hexachlorocyclopentadiene | <61 | <10 | <13 | |
| 2-Chloronaphthalene | <61 | <10 | <13 | |
| Acenaphthylene | <61 | <10 | <13 | |
| Dimehtyl Phthalate | <61 | <10 | <13 | |
| Acenaphthene | <61 | <10 | <13 | |
| Fluorene | <6.1 | <10 | <13 | |
| Diethyl Phthalate | <61 | <10 | <13 | |
| 4-Chlorophenyl Phenyl Ether | <61 | <10 | <13 | |
| N-Nitrosodiphenyl Amine | <610 | <10 | <13 | |
| 4-Bromophenyl Ether | <610 | <10 | <13 | |
| Hexachlorobenzene | <610 | <10 | <13 | |
| Phenathrene | 650 | <10 | <13 | |
| Anthracene | <610 | <10 | <13 | |
| Dibutylphthalate | <610 | <10 | <13 | |
| Fluoranathene | <610 | <10 | <13 | |
| Pyrene | 150 | <10 | <13 | |
| Butylbenzylphthalate | <610 | <10 | <13 | |
| Chrysene | 65 | <10 | <13 | |
| Benzo(a)Antharacene | <610 | <10 | <13 | |
| Bis(2-Ethylexyl)Phthalate | <610 | 1 | 75 | |
| Di-N-Octyphthalate | <610 | <10 | <13 | |
| Benxo(a)Fluoranthene | 81 | <10 | <13 | |

**TABLE B-31** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Benzo(k)Fluoranthene | <610 | <10 | <13 | |
| Benzo(a)Pyrene | 460 | <10 | <13 | |
| Indeno(1,2,3-C,D)Pyrene | <610 | <10 | <13 | |
| Dibenzo(A,H)Anthracene | <610 | <10 | <13 | |
| Benzo(G,H,I)Perylene | <610 | <10 | <13 | |
| Aniline | | | | |
| 4-Chloroaniline | <610 | <10 | <13 | |
| Dibenzofuran | <610 | <10 | <13 | |
| 2-Methylnaphthalene | <610 | <10 | <13 | |
| 2-Nitroaniline | <3,000 | <50 | <66 | |
| 3-Nitroaniline | <3,000 | <50 | <66 | |
| 4-Nitroaniline | <3,000 | <50 | <66 | |

**TABLE B-32**
**ELUTRIATE ANALYSIS**
**SITE GR1-AB, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <10,800 | <3 | <60 | |
| Arsenic (total) | 11,000 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 920 | <0.6 | <0.6 | |
| Cadmium | <900 | <3 | <0.4 | 43 |
| Chromium (total) | 16,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 17,000 | <14 | <100 | 2.9 |
| Lead | 18,000 | 8.7 | 29 | 140 |
| Mercury | <100 | | 0.2 | 2.1 |
| Nickel | 21,000 | <23 | <23 | 75 |
| Selenium | <600 | <3 | <6 | |
| Silver | <1,600 | <0.4 | <0.4 | 2.3 |
| Thallium | <400 | <2 | <2 | |
| Zinc | 66,000 | <20 | 310 | 95 |
| Aluminum | 11,000,000 | 340 | 93 | |
| Barium | 85,000 | 120 | 810 | |
| Boron | <18,100 | 980 | 890 | |
| Calcium | 9,000,000 | 100,000 | 110,000 | |
| Cobalt | 9,200 | <11 | <11 | |
| Iron | 19,000,000 | 530 | 170 | |
| Magnesium | 7,400,000 | 280,000 | 260,000 | |
| Manganese | 380,000 | 250 | 260 | |
| Molubdenum | <18,100 | <1 | <100 | |
| Potassium | 3,600,000 | 96,000 | 87,000 | |
| Vanadium | 26,000 | <13 | <13 | |
| TRP Hydrocarbons | 10,000 | <1,000 | <1,000 | |
| Aldrin | <3.2 | <0.05 | <0.05 | 1.3 |
| A-BHC | <3.2 | <0.05 | <0.05 | |
| B-BHC | <3.2 | <0.05 | <0.05 | |
| G-BHC | <3.2 | <0.05 | <0.05 | 0.160 |
| D-BHC | <3.2 | <0.05 | <0.05 | |
| PPDDD | <6.2 | <0.01 | <0.1 | 1.25 |

TABLE B-32 (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| PPDDE | <6.2 | <0.1 | <0.1 | 0.7 |
| PPDDT | <6.2 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <3.2 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <6.2 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <3.2 | <0.05 | <0.05 | |
| B-Endosulfan | <6.2 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <6.2 | <0.1 | <0.1 | |
| Endrin | <6.2 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <6.2 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <3.2 | <0.05 | <0.05 | |
| Methoxychlor | <32 | <0.5 | <0.5 | 2.1 |
| Chlordane | <3.2 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <320 | <5 | <5 | 0.21 |
| PCB-1016 | <62 | <1 | <1 | 10 |
| PCB-1221 | <130 | <2 | <2 | 10 |
| PCB-1232 | <62 | <1 | <1 | 10 |
| PCB-1242 | <62 | <1 | <1 | 10 |
| PCB-1248 | <62 | <1 | <1 | 10 |
| PCB-1254 | <62 | <1 | <1 | 10 |
| PCB-1260 | <62 | <1 | <1 | 10 |
| Phenol | <620 | <10 | <13 | 580 |
| 2-Chlorophenol | <620 | <10 | <13 | |
| 2-Nitrophenol | <620 | <10 | <13 | |
| 2,4-Dimethylphenol | <620 | <10 | <13 | |
| 2,4-Dichlorophenol | <620 | <10 | <13 | |
| 4-Chloro-3-Methylphenol | <620 | <10 | <13 | |
| 2,4,6-Trichlorophenol | <620 | <10 | <13 | |
| 2,4-Dinitrophenol | <3,000 | <50 | <13 | |
| 4-Nitrophenol | <3,000 | <50 | <66 | |
| 2-Methyl-4,6-Dinotrophenol | <3,000 | <50 | <66 | |
| Pentachlorophenol | <3,000 | <50 | <66 | 13 |
| Benzoic Acid | <3,000 | <50 | <66 | |
| 2-Methylphenol | <620 | <10 | <13 | |
| 4-Methylphenol | <620 | <10 | <13 | |
| 2,4,5-Trichlorophenol | <3,000 | <50 | <66 | |
| Benzyl Alcohol | <620 | <10 | <13 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <620 | <10 | <13 | |
| N-Nitroso-Di-N-Propylamine | <620 | <10 | <13 | |
| Nitrobenzene | <620 | <10 | <13 | |
| Isophorone | <620 | <10 | <13 | |
| Bis(2-Chloroethoxy)Methane | <620 | <10 | <13 | |
| 2,6-Dinitrotoluene | <620 | <10 | <13 | |
| 2,4-Dinitrotoluene | <620 | <10 | <13 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,200 | <20 | <27 | |
| Bis(2-Chloroethyl)Ether | <620 | <10 | <13 | |
| 1,3-Dichlorobenzene | <620 | <10 | <13 | |
| 1,4-Dichlorobenzene | <620 | <10 | <13 | |
| 1,2-Dichlorobenzene | <620 | <10 | <13 | |
| Hexachloroethane | <620 | <10 | <13 | |
| 1,2,4-Trichlorobenzene | <620 | <10 | <13 | |
| Naphthalene | <620 | <10 | <13 | |
| Hexachlorobutadiene | <620 | <10 | <13 | 1.6 |
| Hexachlorocyclopentadiene | <620 | <10 | <13 | |
| 2-Chloronaphthalene | <620 | <10 | <13 | |
| Acenaphthylene | <620 | <10 | <13 | |

TABLE B-32 (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Dimehtyl Phthalate | <620 | <10 | <13 | |
| Acenaphthene | <620 | <10 | <13 | |
| Fluorene | <620 | <10 | <13 | |
| Diethyl Phthalate | 1,000 | <10 | 9 | |
| 4-Chlorophenyl Phenyl Ether | <620 | <10 | <13 | |
| N-Nitrosodiphenyl Amine | <620 | <10 | <13 | |
| 4-Bromophenyl Ether | <620 | <10 | <13 | |
| Hexachlorobenzene | <620 | <10 | <13 | |
| Phenathrene | <620 | <10 | <13 | |
| Anthracene | <620 | <10 | <13 | |
| Dibutylphthalate | <620 | <10 | <13 | |
| Fluoranathene | <620 | <10 | <13 | |
| Pyrene | <62 | <10 | <13 | |
| Butylbenzylphthalate | <620 | <10 | <13 | |
| Chrysene | <620 | <10 | <13 | |
| Benzo(a)Antharacene | <620 | <10 | <13 | |
| Bis(2-Ethylexyl)Phthalate | 150 | 1 | <13 | |
| Di-N-Octyphthalate | <620 | <10 | <13 | |
| Benxo(a)Fluoranthene | <620 | <10 | <13 | |
| Benzo(k)Fluoranthene | <620 | <10 | <13 | |
| Benzo(a)Pyrene | <620 | <10 | <13 | |
| Indeno(1,2,3-C,D)Pyrene | <620 | <10 | <13 | |
| Dibenzo(A,H)Anthracene | <620 | <10 | <13 | |
| Benzo(G,H,I)Perylene | <620 | <10 | <13 | |
| Aniline | | | | |
| 4-Chloroaniline | <620 | <10 | <13 | |
| Dibenzofuran | <620 | <10 | <13 | |
| 2-Methylnaphthalene | <620 | <10 | <13 | |
| 2-Nitroaniline | <3,000 | <50 | <66 | |
| 3-Nitroaniline | <3,000 | <50 | <66 | |
| 4-Nitroaniline | <3,000 | <50 | <66 | |

**TABLE B-33**
**ELUTRIATE ANALYSIS**
**SITE ER1-AT, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <13,400 | <3 | <60 | |
| Arsenic (total) | 8,400 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 800 | <0.6 | <0.6 | |
| Cadmium | <1,100 | <3 | <0.3 | 43 |
| Chromium (total) | 26,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 40,000 | <14 | 34 | 2.9 |
| Lead | 150,000 | 8.7 | 2.4 | 140 |
| Mercury | 500 | | <0.2 | 2.1 |
| Nickel | 22,000 | <23 | <23 | 75 |
| Selenium | <700 | <3 | <6 | |
| Silver | <2,000 | <0.4 | <0.4 | 2.3 |
| Thallium | <500 | <2 | <2 | |
| Zinc | 190,000 | <20 | 100 | 95 |

**TABLE B-33** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Aluminum | 10,000,000 | 340 | 47 | |
| Barium | 410,000 | 120 | 890 | |
| Boron | <22,400 | 980 | 940 | |
| Calcium | 22,000,000 | 100,000 | 170,000 | |
| Cobalt | 8,400 | <11 | <11 | |
| Iron | 27,000,000 | 530 | 86 | |
| Magnesium | 9,300,000 | 280,000 | 230,000 | |
| Manganese | 540,000 | 250 | 180 | |
| Molubdenum | <22,400 | <1 | <100 | |
| Potassium | 2,900,000 | 96,000 | 89,000 | |
| Vanadium | 28,000 | <13 | <13 | |
| TRP Hydrocarbons | 31,000 | <1,000 | <1,000 | |
| Aldrin | <4.0 | <0.05 | <0.05 | 1.3 |
| A-BHC | <4.0 | <0.05 | <0.05 | |
| B-BHC | <4.0 | <0.05 | <0.05 | |
| G-BHC | <4.0 | <0.05 | <0.05 | 0.160 |
| D-BHC | <4.0 | <0.05 | <0.05 | |
| PPDDD | <7.7 | <0.01 | <0.1 | 1.25 |
| PPDDE | <7.7 | <0.1 | <0.1 | 0.7 |
| PPDDT | <7.7 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <4.0 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <7.7 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <4.0 | <0.05 | <0.05 | |
| B-Endosulfan | <7.7 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <7.7 | <0.1 | <0.1 | |
| Endrin | <7.7 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <7.7 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <4.0 | <0.05 | <0.05 | |
| Methoxychlor | <40 | <0.5 | <0.5 | 2.1 |
| Chlordane | <4.0 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <400 | <5 | <5 | 0.21 |
| PCB-1016 | <77 | <1 | <1 | 10 |
| PCB-1221 | <150 | <2 | <2 | 10 |
| PCB-1232 | <77 | <1 | <1 | 10 |
| PCB-1242 | <77 | <1 | <1 | 10 |
| PCB-1248 | <77 | <1 | <1 | 10 |
| PCB-1254 | 700 | <1 | <1 | 10 |
| PCB-1260 | <77 | <1 | <1 | 10 |
| Phenol | <770 | <10 | <11 | 580 |
| 2-Chlorophenol | <770 | <10 | <11 | |
| 2-Nitrophenol | <770 | <10 | <11 | |
| 2,4-Dimethylphenol | <770 | <10 | <11 | |
| 2,4-Dichlorophenol | <770 | <10 | <11 | |
| 4-Chloro-3-Methylphenol | <770 | <10 | <11 | |
| 2,4,6-Trichlorophenol | <770 | <10 | <11 | |
| 2,4-Dinitrophenol | <3,700 | <50 | <11 | |
| 4-Nitrophenol | <3,700 | <50 | <57 | |
| 2-Methyl-4,6-Dinotrophenol | <3,700 | <50 | <57 | |
| Pentachlorophenol | <3,700 | <50 | <57 | 13 |
| Benzoic Acid | <3,700 | <50 | <57 | |
| 2-Methylphenol | <770 | <10 | <11 | |
| 4-Methylphenol | <770 | <10 | <11 | |
| 2,4,5-Trichlorophenol | <3,700 | <50 | <57 | |
| Benzyl Alcohol | <770 | <10 | <11 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <770 | <10 | <11 | |
| N-Nitroso-Di-N-Propylamine | <770 | <10 | <11 | |

**TABLE B-33** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Nitrobenzene | <770 | <10 | <11 | |
| Isophorone | <770 | <10 | <11 | |
| Bis(2-Chloroethoxy)Methane | <770 | <10 | <11 | |
| 2,6-Dinitrotoluene | <770 | <10 | <11 | |
| 2,4-Dinitrotoluene | <770 | <10 | <11 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,500 | <20 | <23 | |
| Bis(2-Chloroethyl)Ether | <770 | <10 | <11 | |
| 1,3-Dichlorobenzene | <770 | <10 | <11 | |
| 1,4-Dichlorobenzene | <770 | <10 | <11 | |
| 1,2-Dichlorobenzene | <770 | <10 | <11 | |
| Hexachloroethane | <770 | <10 | <11 | |
| 1,2,4-Trichlorobenzene | <770 | <10 | <11 | |
| Naphthalene | 750 | <10 | <11 | |
| Hexachlorobutadiene | <770 | <10 | <11 | 1.6 |
| Hexachlorocyclopentadiene | <770 | <10 | <11 | |
| 2-Chloronaphthalene | <770 | <10 | <11 | |
| Acenaphthylene | <770 | <10 | <11 | |
| Dimehtyl Phthalate | <770 | <10 | <11 | |
| Acenaphthene | 1,100 | <10 | 7 | |
| Fluorene | 1,200 | <10 | 3 | |
| Diethyl Phthalate | <770 | <10 | <11 | |
| 4-Chlorophenyl Phenyl Ether | <770 | <10 | <11 | |
| N-Nitrosodiphenyl Amine | <770 | <10 | <11 | |
| 4-Bromophenyl Ether | <770 | <10 | <11 | |
| Hexachlorobenzene | <770 | <10 | <11 | |
| Phenathrene | 3,900 | <10 | 3 | |
| Anthracene | 230 | <10 | <11 | |
| Dibutylphthalate | 130 | <10 | <11 | |
| Fluoranathene | <770 | <10 | 1 | |
| Pyrene | 3,300 | <10 | 1 | |
| Butylbenzylphthalate | <770 | <10 | <11 | |
| Chrysene | 1,700 | <10 | <11 | |
| Benzo(a)Antharacene | 930 | <10 | <11 | |
| Bis(2-Ethylexyl)Phthalate | 240 | 1 | 1 | |
| Di-N-Octyphthalate | <770 | <10 | <11 | |
| Benxo(a)Fluoranthene | 25,000 | <10 | <11 | |
| Benzo(k)Fluoranthene | <770 | <10 | <11 | |
| Benzo(a)Pyrene | 12,000 | <10 | <11 | |
| Indeno(1,2,3-C,D)Pyrene | 8,300 | <10 | <11 | |
| Dibenzo(A,H)Anthracene | 1,800 | <10 | <11 | |
| Benzo(G,H,I)Perylene | 770 | <10 | <11 | |
| Aniline | | | | |
| 4-Chloroaniline | <770 | <10 | <11 | |
| Dibenzofuran | 620 | <10 | 1 | |
| 2-Methylnaphthalene | 250 | <10 | 3 | |
| 2-Nitroaniline | <3,700 | <50 | <57 | |
| 3-Nitroaniline | <3,700 | <50 | <57 | |
| 4-Nitroaniline | <3,700 | <50 | <57 | |

**TABLE B-34**
**ELUTRIATE ANALYSIS**
**SITE ER1-AB, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <20,300 | <3 | <60 | |
| Arsenic (total) | 10,000 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,290 | <0.6 | <0.6 | |
| Cadmium | <1,700 | <3 | <0.3 | 43 |
| Chromium (total) | 22,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 24,000 | <14 | 29 | 2.9 |
| Lead | 79,000 | 8.7 | 5.1 | 140 |
| Mercury | 400 | | 0.2 | 2.1 |
| Nickel | 23,000 | <23 | <23 | 75 |
| Selenium | <1,000 | <3 | <6 | |
| Silver | <3,000 | <0.4 | <0.4 | 2.3 |
| Thallium | <700 | <2 | <2 | |
| Zinc | 110,000 | <20 | 95 | 95 |
| Aluminum | 17,000,000 | 340 | 360 | |
| Barium | 190,000 | 120 | 810 | |
| Boron | <33,800 | 980 | 500 | |
| Calcium | 72,000,000 | 100,000 | 300,000 | |
| Cobalt | 7,900 | <11 | <11 | |
| Iron | 20,000,000 | 530 | 440 | |
| Magnesium | 31,000,000 | 280,000 | 180,000 | |
| Manganese | 620,000 | 250 | 25 | |
| Molubdenum | <33,800 | <1 | <100 | |
| Potassium | 2,900,000 | 96,000 | 72,000 | |
| Vanadium | 37,000 | <13 | <13 | |
| TRP Hydrocarbons | 30,000 | <1,000 | <1,000 | |
| Aldrin | <5.9 | <0.05 | <0.05 | 1.3 |
| A-BHC | <5.9 | <0.05 | <0.05 | |
| B-BHC | <5.9 | <0.05 | <0.05 | |
| G-BHC | <5.9 | <0.05 | <0.05 | 0.160 |
| D-BHC | <5.9 | <0.05 | <0.05 | |
| PPDDD | <11 | <0.01 | <0.1 | 1.25 |
| PPDDE | <11 | <0.1 | <0.1 | 0.7 |
| PPDDT | <11 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <5.9 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <11 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <5.9 | <0.05 | <0.05 | |
| B-Endosulfan | <11 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <11 | <0.1 | <0.1 | |
| Endrin | <11 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <11 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <5.9 | <0.05 | <0.05 | |
| Methoxychlor | <59 | <0.5 | <0.5 | 2.1 |
| Chlordane | <5.9 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <590 | <5 | <5 | 0.21 |
| PCB-1016 | <110 | <1 | <1 | 10 |
| PCB-1221 | <230 | <2 | <2 | 10 |
| PCB-1232 | <110 | <1 | <1 | 10 |
| PCB-1242 | <110 | <1 | <1 | 10 |
| PCB-1248 | <110 | <1 | <1 | 10 |
| PCB-1254 | <110 | <1 | <1 | 10 |
| PCB-1260 | <110 | <1 | <1 | 10 |
| Phenol | <1,100 | <10 | <11 | 580 |

**TABLE B-34** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| 2-Chlorophenol | <1,100 | <10 | <11 | |
| 2-Nitrophenol | <1,100 | <10 | <11 | |
| 2,4-Dimethylphenol | <1,100 | <10 | <11 | |
| 2,4-Dichlorophenol | <1,100 | <10 | <11 | |
| 4-Chloro-3-Methylphenol | <1,100 | <10 | <11 | |
| 2,4,6-Trichlorophenol | <1,100 | <10 | <11 | |
| 2,4-Dinitrophenol | <5,500 | <50 | <11 | |
| 4-Nitrophenol | <5,500 | <50 | <57 | |
| 2-Methyl-4,6-Dinotrophenol | <5,500 | <50 | <57 | |
| Pentachlorophenol | <5,500 | <50 | <57 | 13 |
| Benzoic Acid | <5,500 | <50 | <57 | |
| 2-Methylphenol | <1,100 | <10 | <11 | |
| 4-Methylphenol | <1,100 | <10 | <11 | |
| 2,4,5-Trichlorophenol | <5,500 | <50 | <57 | |
| Benzyl Alcohol | <1,100 | <10 | <11 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <1,100 | <10 | <11 | |
| N-Nitroso-Di-N-Propylamine | <1,100 | <10 | <11 | |
| Nitrobenzene | <1,100 | <10 | <11 | |
| Isophorone | <1,100 | <10 | <11 | |
| Bis(2-Chloroethoxy)Methane | <1,100 | <10 | <11 | |
| 2,6-Dinitrotoluene | <1,100 | <10 | <11 | |
| 2,4-Dinitrotoluene | <1,100 | <10 | <11 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <2,300 | <20 | <23 | |
| Bis(2-Chloroethyl)Ether | <1,100 | <10 | <11 | |
| 1,3-Dichlorobenzene | <1,100 | <10 | <11 | |
| 1,4-Dichlorobenzene | <1,100 | <10 | <11 | |
| 1,2-Dichlorobenzene | <1,100 | <10 | <11 | |
| Hexachloroethane | <1,100 | <10 | <11 | |
| 1,2,4-Trichlorobenzene | <1,100 | <10 | <11 | |
| Naphthalene | 210 | <10 | 6 | |
| Hexachlorobutadiene | <1,100 | <10 | <11 | 1.6 |
| Hexachlorocyclopentadiene | <1,100 | <10 | <11 | |
| 2-Chloronaphthalene | <1,100 | <10 | <11 | |
| Acenaphthylene | <1,100 | <10 | <11 | |
| Dimehtyl Phthalate | <1,100 | <10 | <11 | |
| Acenaphthene | 650 | <10 | 15 | |
| Fluorene | 480 | <10 | 6 | |
| Diethyl Phthalate | <1,100 | <10 | 4 | |
| 4-Chlorophenyl Phenyl Ether | <1,100 | <10 | <11 | |
| N-Nitrosodiphenyl Amine | <1,100 | <10 | <11 | |
| 4-Bromophenyl Ether | <1,100 | <10 | <11 | |
| Hexachlorobenzene | <1,100 | <10 | <11 | |
| Phenathrene | 1,900 | <10 | 8 | |
| Anthracene | 140 | <10 | 1 | |
| Dibutylphthalate | 160 | <10 | <11 | |
| Fluoranathene | <1,100 | <10 | 1 | |
| Pyrene | 1,200 | <10 | 1 | |
| Butylbenzylphthalate | <1,100 | <10 | <11 | |
| Chrysene | 390 | <10 | <11 | |
| Benzo(a)Antharacene | 310 | <10 | <11 | |
| Bis(2-Ethylexyl)Phthalate | 230 | 1 | <11 | |
| Di-N-Octyphthalate | <1,100 | <10 | <11 | |
| Benxo(a)Fluoranthene | 740 | <10 | <11 | |
| Benzo(k)Fluoranthene | <1,100 | <10 | <11 | |
| Benzo(a)Pyrene | 130 | <10 | <11 | |
| Indeno(1,2,3-C,D)Pyrene | <1,100 | <10 | <11 | |

**TABLE B-34** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Dibenzo(A,H)Anthracene | <1,100 | <10 | <11 | |
| Benzo(G,H,I)Perylene | <1,100 | <10 | <11 | |
| Aniline | | | | |
| 4-Chloroaniline | <1,100 | <10 | <11 | |
| Dibenzofuran | <1,100 | <10 | <11 | |
| 2-Methylnaphthalene | 180 | <10 | 2 | |
| 2-Nitroaniline | <5,500 | <50 | <57 | |
| 3-Nitroaniline | <5,500 | <50 | <57 | |
| 4-Nitroaniline | <5,500 | <50 | <57 | |

**TABLE B-35**
**ELUTRIATE ANALYSIS**
**SITE ER2-BT, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <11,800 | <3 | 18 | |
| Arsenic (total) | 9,400 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,580 | <0.6 | <0.6 | |
| Cadmium | <1,000 | <3 | <0.3 | 43 |
| Chromium (total) | 24,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 64,000 | <14 | 18 | 2.9 |
| Lead | 200,000 | 8.7 | 2.0 | 140 |
| Mercury | 900 | | <0.2 | 2.1 |
| Nickel | 31,000 | <23 | <23 | 75 |
| Selenium | <600 | <3 | <6 | |
| Silver | <1,800 | <0.4 | <0.4 | 2.3 |
| Thallium | <400 | <2 | <2 | |
| Zinc | 330,000 | <20 | 69 | 95 |
| Aluminum | 14,000,000 | 340 | 120 | |
| Barium | 270,000 | 120 | 730 | |
| Boron | <19,600 | 980 | 840 | |
| Calcium | 10,000,000 | 100,000 | 150,000 | |
| Cobalt | 11,000 | <11 | <11 | |
| Iron | 25,000,000 | 530 | 210 | |
| Magnesium | 7,400,000 | 280,000 | 250,000 | |
| Manganese | 500,000 | 250 | 1,300 | |
| Molubdenum | <19,600 | <1 | <100 | |
| Potassium | 2,700,000 | 96,000 | 73,000 | |
| Vanadium | 34,000 | <13 | <13 | |
| TRP Hydrocarbons | 480,000 | <1,000 | <1,000 | |
| Aldrin | <3.4 | <0.05 | <0.05 | 1.3 |
| A-BHC | <3.4 | <0.05 | <0.05 | |
| B-BHC | <3.4 | <0.05 | <0.05 | |
| G-BHC | <3.4 | <0.05 | <0.05 | 0.160 |
| D-BHC | <3.4 | <0.05 | <0.05 | |
| PPDDD | <6.8 | <0.01 | <0.1 | 1.25 |
| PPDDE | <6.8 | <0.1 | <0.1 | 0.7 |
| PPDDT | <6.8 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <3.4 | <0.05 | <0.05 | 0.053 |

**TABLE B-35** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Dieldrin | <6.8 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <3.4 | <0.05 | <0.05 | |
| B-Endosulfan | <6.8 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <6.8 | <0.1 | <0.1 | |
| Endrin | <6.8 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <6.8 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <3.4 | <0.05 | <0.05 | |
| Methoxychlor | <34 | <0.5 | <0.5 | 2.1 |
| Chlordane | <3.4 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <340 | <5 | <5 | 0.21 |
| PCB-1016 | <68 | <1 | <1 | 10 |
| PCB-1221 | <130 | <2 | <2 | 10 |
| PCB-1232 | <68 | <1 | <1 | 10 |
| PCB-1242 | <68 | <1 | <1 | 10 |
| PCB-1248 | <68 | <1 | <1 | 10 |
| PCB-1254 | <68 | <1 | <1 | 10 |
| PCB-1260 | <68 | <1 | <1 | 10 |
| Phenol | <3,300 | <10 | <16 | 580 |
| 2-Chlorophenol | <3,300 | <10 | <16 | |
| 2-Nitrophenol | <3,300 | <10 | <16 | |
| 2,4-Dimethylphenol | <3,300 | <10 | <16 | |
| 2,4-Dichlorophenol | <3,300 | <10 | <16 | |
| 4-Chloro-3-Methylphenol | <3,300 | <10 | <16 | |
| 2,4,6-Trichlorophenol | <3,300 | <10 | <16 | |
| 2,4-Dinitrophenol | <16,000 | <50 | <16 | |
| 4-Nitrophenol | <16,000 | <50 | <78 | |
| 2-Methyl-4,6-Dinotrophenol | <16,000 | <50 | <78 | |
| Pentachlorophenol | <16,000 | <50 | <78 | 13 |
| Benzoic Acid | <16,000 | <50 | <78 | |
| 2-Methylphenol | <3,300 | <10 | <16 | |
| 4-Methylphenol | <3,300 | <10 | <16 | |
| 2,4,5-Trichlorophenol | <16,000 | <50 | <78 | |
| Benzyl Alcohol | <3,300 | <10 | <16 | |
| N-Nitrosodimethylamine | | | | |
| Bis(2-Chloroisopropyl)Ether | <3,300 | <10 | <16 | |
| N-Nitroso-Di-N-Propylamine | <3,300 | <10 | <16 | |
| Nitrobenzene | <3,300 | <10 | <16 | |
| Isophorone | <3,300 | <10 | <16 | |
| Bis(2-Chloroethoxy)Methane | <3,300 | <10 | <16 | |
| 2,6-Dinitrotoluene | <3,300 | <10 | <16 | |
| 2,4-Dinitrotoluene | <3,300 | <10 | <16 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <6,600 | <20 | <31 | |
| Bis(2-Chloroethyl)Ether | <3,300 | <10 | <16 | |
| 1,3-Dichlorobenzene | <3,300 | <10 | <16 | |
| 1,4-Dichlorobenzene | <3,300 | <10 | <16 | |
| 1,2-Dichlorobenzene | <3,300 | <10 | <16 | |
| Hexachloroethane | <3,300 | <10 | <16 | |
| 1,2,4-Trichlorobenzene | <3,300 | <10 | <16 | |
| Naphthalene | <3,300 | <10 | <16 | |
| Hexachlorobutadiene | <3,300 | <10 | <16 | 1.6 |
| Hexachlorocyclopentadiene | <3,300 | <10 | <16 | |
| 2-Chloronaphthalene | <3,300 | <10 | <16 | |
| Acenaphthylene | <3,300 | <10 | 2 | |
| Dimehtyl Phthalate | <3,300 | <10 | <16 | |

**TABLE B-35** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Acenaphthene | 17,000 | <10 | 70 | |
| Fluorene | 13,000 | <10 | 12 | |
| Diethyl Phthalate | <3,300 | <10 | <16 | |
| 4-Chlorophenyl Phenyl Ether | <3,300 | <10 | <16 | |
| N-Nitrosodiphenyl Amine | <3,300 | <10 | <16 | |
| 4-Bromophenyl Ether | <3,300 | <10 | <16 | |
| Hexachlorobenzene | <3,300 | <10 | <16 | |
| Phenathrene | 50,000 | <10 | 4 | |
| Anthracene | 7,700 | <10 | 10 | |
| Dibutylphthalate | <3,300 | <10 | <16 | |
| Fluoranathene | <3,300 | <10 | 14 | |
| Pyrene | 30,000 | <10 | 15 | |
| Butylbenzylphthalate | <3,300 | <10 | <16 | |
| Chrysene | 7,300 | <10 | 3 | |
| Benzo(a)Antharacene | 9,100 | <10 | 3 | |
| Bis(2-Ethylexyl)Phthalate | <3,300 | 1 | 2 | |
| Di-N-Octyphthalate | <3,300 | <10 | <16 | |
| Benxo(a)Fluoranthene | 13,000 | <10 | 3 | |
| Benzo(k)Fluoranthene | <3,300 | <10 | <16 | |
| Benzo(a)Pyrene | 5,800 | <10 | 2 | |
| Indeno(1,2,3-C,D)Pyrene | 1,600 | <10 | <16 | |
| Dibenzo(A,H)Anthracene | <3,300 | <10 | <16 | |
| Benzo(G,H,I)Perylene | 2,300 | <10 | <16 | |
| Aniline | | | | |
| 4-Chloroaniline | <3,300 | <10 | <16 | |
| Dibenzofuran | <3,300 | <10 | <16 | |
| 2-Methylnaphthalene | 7,600 | <10 | 30 | |
| 2-Nitroaniline | <5,500 | <50 | <78 | |
| 3-Nitroaniline | <5,500 | <50 | <78 | |
| 4-Nitroaniline | <5,500 | <50 | <78 | |

**TABLE B-36**
**ELUTRIATE ANALYSIS**
**SITE ER2-BB, mixed with disposal area water**

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Antimony | <11,300 | <3 | <60 | |
| Arsenic (total) | 8,000 | 3 | <3 | 69 |
| Arsenic (III) | | | | 69 |
| Beryllium | 1,020 | <0.6 | <0.6 | |
| Cadmium | <900 | <3 | <0.3 | 43 |
| Chromium (total) | 17,000 | <2 | <2.0 | |
| Chromium (VI) | | | | 1,100 |
| Chromium (III) | | | | 515 |
| Copper | 25,000 | <14 | 60 | 2.9 |
| Lead | 22,000 | 8.7 | 7.2 | 140 |
| Mercury | <100 | | <0.2 | 2.1 |
| Nickel | 24,000 | <23 | <23 | 75 |
| Selenium | <500 | <3 | <6 | |
| Silver | <1,700 | <0.4 | 0.4 | 2.3 |

**TABLE B-36** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Thallium | <400 | <2 | <2 | |
| Zinc | 82,000 | <20 | 120 | 95 |
| Aluminum | 11,000,000 | 340 | 1,600 | |
| Barium | 140,000 | 120 | 820 | |
| Boron | <18,800 | 980 | 760 | |
| Calcium | 12,000,000 | 100,000 | 140,000 | |
| Cobalt | 9,300 | <11 | <11 | |
| Iron | 20,000,000 | 530 | 1,500 | |
| Magnesium | 7,800,000 | 280,000 | 240,000 | |
| Manganese | 630,000 | 250 | 480 | |
| Molubdenum | <18,800 | <1 | <100 | |
| Potassium | 3,200,000 | 96,000 | 79,000 | |
| Vanadium | 27,000 | <13 | <13 | |
| TRP Hydrocarbons | 20,000 | <1,000 | <1,000 | |
| Aldrin | <3.2 | <0.05 | <0.05 | 1.3 |
| A-BHC | <3.2 | <0.05 | <0.05 | |
| B-BHC | <3.2 | <0.05 | <0.05 | |
| G-BHC | <3.2 | <0.05 | <0.05 | 0.160 |
| D-BHC | <3.2 | <0.05 | <0.05 | |
| PPDDD | <6.2 | <0.01 | <0.1 | 1.25 |
| PPDDE | <6.2 | <0.1 | <0.1 | 0.7 |
| PPDDT | <6.2 | <0.1 | <0.1 | 0.13 |
| Heptachlor | <3.2 | <0.05 | <0.05 | 0.053 |
| Dieldrin | <6.2 | <0.1 | <0.1 | 0.71 |
| A-Endosulfan | <3.2 | <0.05 | <0.05 | |
| B-Endosulfan | <6.2 | <0.1 | <0.1 | |
| Endosulfan | | | | 0.034 |
| Endosulfan sulfate | <6.2 | <0.1 | <0.1 | |
| Endrin | <6.2 | <0.1 | <0.1 | 0.037 |
| Endrin Aldehyde | <6.2 | <0.1 | <0.1 | |
| Heptachlor Epoxide | <3.2 | <0.05 | <0.05 | |
| Methoxychlor | <32 | <0.5 | <0.5 | 2.1 |
| Chlordane | <3.2 | <0.05 | <0.05 | 0.09 |
| Toxaphene | <320 | <5 | <5 | 0.21 |
| PCB-1016 | <62 | <1 | <1 | 10 |
| PCB-1221 | <130 | <2 | <2 | 10 |
| PCB-1232 | <62 | <1 | <1 | 10 |
| PCB-1242 | <62 | <1 | <1 | 10 |
| PCB-1248 | <62 | <1 | <1 | 10 |
| PCB-1254 | <62 | <1 | <1 | 10 |
| PCB-1260 | <62 | <1 | <1 | 10 |
| Phenol | <620 | <10 | <13 | 580 |
| 2-Chlorophenol | <620 | <10 | <13 | |
| 2-Nitrophenol | <620 | <10 | <13 | |
| 2,4-Dimethylphenol | <620 | <10 | <13 | |
| 2,4-Dichlorophenol | <620 | <10 | <13 | |
| 4-Chloro-3-Methylphenol | <620 | <10 | <13 | |
| 2,4,6-Trichlorophenol | <62 | <10 | <13 | |
| 2,4-Dinitrophenol | <3,000 | <50 | <13 | |
| 4-Nitrophenol | <3,000 | <50 | <65 | |
| 2-Methyl-4,6-Dinotrophenol | <3,000 | <50 | <65 | |
| Pentachlorophenol | <3,000 | <50 | <65 | 13 |
| Benzoic Acid | <3,000 | <50 | <65 | |
| 2-Methylphenol | <620 | <10 | <13 | |
| 4-Methylphenol | <620 | <10 | <13 | |
| 2,4,5-Trichlorophenol | <3,000 | <50 | <65 | |
| Benzyl Alcohol | <620 | <10 | <13 | |
| N-Nitrosodimethylamine | | | | |

**TABLE B-36** (continued)

(Units are ug/L unless otherwise specified.)

| Constituent | Bulk Sediments (ug/kg) | Disposal Water | Elutriate | Applicable Acute Criteria |
|---|---|---|---|---|
| Bis(2-Chloroisopropyl)Ether | <620 | <10 | <13 | |
| N-Nitroso-Di-N-Propylamine | <620 | <10 | <13 | |
| Nitrobenzene | <620 | <10 | <13 | |
| Isophorone | <620 | <10 | <13 | |
| Bis(2-Chloroethoxy)Methane | <620 | <10 | <13 | |
| 2,6-Dinitrotoluene | <620 | <10 | <13 | |
| 2,4-Dinitrotoluene | <620 | <10 | <13 | |
| 1,2-Diphenylhydrazine | | | | |
| Benzidine | | | | 125 |
| 3,3'Dichlorobenzidine | <1,200 | <20 | <26 | |
| Bis(2-Chloroethyl)Ether | <620 | <10 | <13 | |
| 1,3-Dichlorobenzene | <620 | <10 | <13 | |
| 1,4-Dichlorobenzene | <620 | <10 | <13 | |
| 1,2-Dichlorobenzene | <620 | <10 | <13 | |
| Hexachloroethane | <620 | <10 | <13 | |
| 1,2,4-Trichlorobenzene | <620 | <10 | <13 | |
| Naphthalene | <620 | <10 | <13 | |
| Hexachlorobutadiene | <620 | <10 | <13 | 1.6 |
| Hexachlorocyclopentadiene | <620 | <10 | <13 | |
| 2-Chloronaphthalene | <620 | <10 | <13 | |
| Acenaphthylene | <620 | <10 | <13 | |
| Dimehtyl Phthalate | <620 | <10 | <13 | |
| Acenaphthene | <620 | <10 | <13 | |
| Fluorene | <620 | <10 | <13 | |
| Diethyl Phthalate | <620 | <10 | <13 | |
| 4-Chlorophenyl Phenyl Ether | <620 | <10 | <13 | |
| N-Nitrosodiphenyl Amine | <620 | <10 | <13 | |
| 4-Bromophenyl Ether | <620 | <10 | <13 | |
| Hexachlorobenzene | <620 | <10 | <13 | |
| Phenathrene | <620 | <10 | <13 | |
| Anthracene | <620 | <10 | <13 | |
| Dibutylphthalate | 290 | <10 | <13 | |
| Fluoranathene | <620 | <10 | <13 | |
| Pyrene | <620 | <10 | <13 | |
| Butylbenzylphthalate | <620 | <10 | <13 | |
| Chrysene | 75 | <10 | <13 | |
| Benzo(a)Antharacene | 6.4 | <10 | <13 | |
| Bis(2-Ethylexyl)Phthalate | 700 | 1 | 1 | |
| Di-N-Octyphthalate | <620 | <10 | <13 | |
| Benxo(a)Fluoranthene | 140 | <10 | <13 | |
| Benzo(k)Fluoranthene | <620 | <10 | <13 | |
| Benzo(a)Pyrene | 370 | <10 | <13 | |
| Indeno(1,2,3-C,D)Pyrene | <620 | <10 | <13 | |
| Dibenzo(A,H)Anthracene | <620 | <10 | <13 | |
| Benzo(G,H,I)Perylene | <620 | <10 | <13 | |
| Aniline | | | | |
| 4-Chloroaniline | <620 | <10 | <13 | |
| Dibenzofuran | <620 | <10 | <13 | |
| 2-Methylnaphthalene | <620 | <10 | <13 | |
| 2-Nitroaniline | <3,000 | <50 | <65 | |
| 3-Nitroaniline | <3,000 | <50 | <65 | |
| 4-Nitroaniline | <3,000 | <50 | <130 | |

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