

**APPENDIX B. PRIORITY AND NONPRIORITY POLLUTANTS WITH NUMERICAL
CRITERIA REQUIRING REASONABLE POTENTIAL SCREENING [REVOKED]**

APPENDIX B. PRIORITY AND NONPRIORITY POLLUTANTS WITH NUMERICAL CRITERIA REQUIRING REASONABLE POTENTIAL SCREENING [NEW]

The priority pollutants are listed in Table B-1. Those having state numerical criteria or federal numerical guidelines for the consumption of fish flesh (re: NRWQC), and which require reasonable potential screening if present in an effluent are marked with a diamond (◆). Pollutants with state numerical criteria are indicated according to type of criteria. Pollutants which have NRWQC human health/fish flesh guidelines are screened only if the Fish Consumption beneficial use applies to the discharge and there is no state criterion for the pollutant. Predicted exceedances of NRWQC guidelines will result in effluent and/or background monitoring. OWRB will be notified of pollutants predicted to exceed NRWQC guidelines in order to evaluate the need for a state water quality criterion. Nonpriority pollutants with state and federal criteria are listed in Table B-2. WET testing parameters and their STORET numbers are listed in Table B-3.

Table B-1. Priority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | |
|-----------------------------------|-------------------------------------|------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture |
| Metals, Cyanide and Total Phenols | Antimony, total | 7440360 | 60 | ◆ | --- | --- | --- | --- |
| | Arsenic, total | 7440382 | <u>0.5</u> | ◆ | ◆ | ◆ | ◆ | --- |
| | Beryllium, total | 7440417 | 5 | --- | --- | --- | --- | --- |
| | Cadmium, total | 7440439 | 01027 | 1 | --- | ◆ | ◆ Δ | ◆ |
| | Chromium, total | 7440473 | 01034 | 10 | --- | ◆ | ◆ 8 | ◆ |
| | <u>Chromium (3+)</u> | 16065831 | 01033 | <u>10</u> | | | | |
| | <u>Chromium (6+)</u> | 18540299 | 01032 | <u>10</u> | | | | |
| | Copper, total | 7440508 | 01042 | <u>1</u> | ◆ | ◆ | --- | ◆ |
| | Lead, total | 7439921 | 01051 | <u>0.5</u> | --- | ◆ | ◆ | ◆ |
| | Mercury, total | 7439976 | 71900 | <u>0.05</u> | ◆ | ◆ | ◆ | ◆ |
| | Nickel, total | 7440020 | 01067 | <u>0.5</u> | ◆ | ◆ | ◆ | --- |
| | Selenium, total | 7782492 | 01147 | 5 | ◆ | ◆ | --- | ◆ |
| | Silver, total | 7440224 | 01077 | <u>0.5</u> | --- | ◆ | ◆ | ◆ |
| | Thallium, total | 7440280 | 01059 | <u>0.5</u> | ◆ | ◆ | ◆ | --- |
| | Zinc, total | 7440666 | 01092 | 20 | ◆ | ◆ | --- | ◆ |
| | Cyanide, total | 57125 | 00720 | 10 | ◆ | ◆ | --- | ◆ |
| | Phenols, total | 108952 | 46000 | 10 | --- | --- | ◆ | --- |
| | 2,3,7,8-Tetrachlorodibenzo-p Dioxin | 1746016 | 34675 | 0.00001 | ◆ | --- | ◆ | --- |

¹ From National Recommended Water Quality Criteria, Pub. No. EPA 822-Z-99-001, April 1999

² OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5

Table B-1 (continued). Priority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|-------------------|-----------------------------------|------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Volatile Organics | Acrolein | 107028 | 34210 | 50 | ◆ | --- | ◆ | --- | --- |
| | Acrylonitrile | 107131 | 34215 | 50 | ◆ | ◆ | ◆ | --- | --- |
| | Benzene | 71432 | 34030 | 10 | ◆ | ◆ | ◆ | --- | --- |
| | Bromoform | 75252 | 32104 | 10 | ◆ | --- | --- | --- | --- |
| | Carbon Tetrachloride | 56235 | 32102 | 10 | ◆ | --- | ◆ | --- | --- |
| | Chlorobenzene | 108907 | 34301 | 10 | ◆ | --- | --- | --- | --- |
| | Chlorodibromomethane | 124481 | 32105 | 10 | ◆ | --- | --- | --- | --- |
| | Chloroethane | 75003 | 34311 | 50 | --- | --- | --- | --- | --- |
| | 2-Chloroethylvinyl ether | 110758 | 34576 | 10 | --- | --- | --- | --- | --- |
| | Chloroform | 67663 | 32106 | 10 | ◆ | --- | ◆ | --- | --- |
| | Dichlorobromomethane | 75274 | 32101 | 10 | ◆ | --- | ◆ | --- | --- |
| | 1,1-Dichloroethane | 75343 | 34496 | 10 | --- | --- | --- | --- | --- |
| | 1,2-Dichloroethane | 107062 | 34536 | 10 | ◆ | --- | --- | --- | --- |
| | 1,1-Dichloroethylene | 75354 | 34501 | 10 | ◆ | --- | --- | --- | --- |
| | 1,2-Dichloropropane | 78875 | 34541 | 10 | ◆ | --- | --- | --- | --- |
| | 1,3-Dichloropropylene | 542756 | 34561 | 10 | ◆ | --- | --- | --- | --- |
| | Ethylbenzene | 100414 | 34371 | 10 | ◆ | --- | ◆ | --- | --- |
| | Methyl bromide [Bromomethane] | 74839 | 34413 | 50 | ◆ | --- | --- | --- | --- |
| | Methyl chloride [Chloromethane] | 74873 | 34418 | 50 | --- | --- | --- | --- | --- |
| | Methylene chloride | 75092 | 34423 | 20 | ◆ | --- | --- | --- | --- |
| | 1,1,2,2-Tetrachloroethane | 79345 | 34516 | 10 | ◆ | --- | --- | --- | --- |
| | Tetrachloroethylene | 127184 | 34475 | 10 | ◆ | ◆ | ◆ | --- | --- |
| | Toluene | 108883 | 34010 | 10 | ◆ | ◆ | ◆ | --- | --- |
| | 1,2-Trans-dichloroethylene | 156605 | 34546 | 10 | ◆ | --- | --- | --- | --- |
| | 1,1,1-Trichloroethane [1-1-1 TCE] | 71556 | 34506 | 10 | --- | --- | ◆ | --- | --- |
| | 1,1,2-Trichloroethane | 79005 | 34511 | 10 | ◆ | --- | --- | --- | --- |
| | Trichloroethylene | 79016 | 39180 | 10 | ◆ | --- | --- | --- | --- |
| | Vinyl chloride | 75014 | 39175 | 10 | ◆ | --- | --- | --- | --- |

¹ From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999

² OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5

Table B-1 (continued). Priority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (mg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|-------------------------|---|------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Acid Organics | 2-Chlorophenol | 95578 | 34586 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 2,4-Dichlorophenol | 120832 | 34601 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 2,4-Dimethylphenol | 105679 | 34606 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 4,6-Dinitro-o-cresol [2-Methyl-4,6-dinitrophenol] | 534521 | 34657 | 50 | ◆ | --- | --- | --- | --- |
| | 2,4-Dinitrophenol | 51285 | 34616 | 50 | ◆ | --- | --- | --- | --- |
| | 2-Nitrophenol | 88755 | 34591 | 20 | --- | --- | --- | --- | --- |
| | 4-Nitrophenol | 100027 | 34646 | 50 | --- | --- | --- | --- | --- |
| | p-Chloro-m-cresol | 59507 | 34452 | <u>20</u> | --- | --- | --- | --- | --- |
| | Pentachlorophenol | 87865 | 39032 | <u>5</u> | ◆ | ◆ | ◆ | --- | --- |
| | Phenol | 108952 | 34694 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 2,4,6-Trichlorophenol | 88062 | 34621 | <u>20</u> | ◆ | --- | --- | --- | --- |
| Base / Neutral Organics | Acenaphthene | 83329 | 34205 | <u>20</u> | --- | --- | --- | --- | --- |
| | Acenaphthylene | 208968 | 34200 | <u>20</u> | --- | --- | --- | --- | --- |
| | Anthracene | 120127 | 34220 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Benzidine | 92875 | 39120 | 50 | ◆ | --- | --- | ◆ | --- |
| | Benzo(a)anthracene | 56553 | 34526 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Benzo(a)pyrene | 50328 | 34247 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Benzo(b)fluoranthene [3,4-Benzofluoranthene] | 205992 | 34230 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Benzo(ghi)perylene | 191242 | 34521 | 20 | --- | --- | --- | --- | --- |
| | Benzo(k)fluoranthene | 207089 | 34242 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Bis (2-chloroethoxy) methane | 111911 | 34278 | <u>20</u> | --- | --- | --- | --- | --- |
| | Bis (2-chloroethyl) ether | 111444 | 34273 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Bis (2-chloroisopropyl) ether | 39638329 | 34283 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Bis (2-ethylhexyl) phthalate | 117817 | 39100 | <u>20</u> | ◆ | --- | ◆ | --- | --- |
| | 4-Bromophenyl phenyl ether | 101553 | 34636 | <u>20</u> | --- | --- | --- | --- | --- |
| | Butylbenzyl phthalate | 85687 | 34292 | <u>20</u> | ◆ | --- | ◆ | ◆ | --- |
| | 2-Chloronaphthalene | 91587 | 34581 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 4-Chlorophenyl phenyl ether | 7005723 | 34631 | <u>20</u> | --- | --- | --- | --- | --- |
| | Chrysene | 218019 | 34320 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Dibenzo(a,h)anthracene | 53703 | 34556 | 20 | ◆ | --- | --- | --- | --- |
| | 1,2-Dichlorobenzene | 95501 | 34536 | <u>20</u> | ◆ | --- | --- | --- | --- |
| 1,3-Dichlorobenzene | 541731 | 34566 | <u>20</u> | ◆ | --- | --- | --- | --- | |

¹ From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999

² OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5

Table B-1 (continued). Priority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|-------------------------|---------------------------------------|------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Base / Neutral Organics | 1,4-Dichlorobenzene | 106467 | 34571 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 3,3'-Dichlorobenzidine | 91941 | 34631 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Diethyl phthalate | 84662 | 34336 | <u>20</u> | ◆ | --- | ◆ | --- | --- |
| | Dimethyl phthalate | 131113 | 34341 | <u>20</u> | ◆ | --- | ◆ | --- | --- |
| | Di-n-butyl phthalate | 84742 | 39110 | <u>20</u> | ◆ | --- | ◆ | --- | --- |
| | 2,4-Dinitrotoluene | 121142 | 34611 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 2,6-Dinitrotoluene | 606202 | 34626 | <u>20</u> | --- | --- | --- | --- | --- |
| | Di-n-octyl phthalate | 117840 | 34596 | <u>20</u> | --- | --- | --- | --- | --- |
| | 1,2-Diphenylhydrazine (as Azobenzene) | 122667 | 34346 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Fluoranthene | 206440 | 34376 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Fluorene | 86737 | 34381 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Hexachlorobenzene | 118741 | 39700 | <u>5</u> | ◆ | --- | ◆ | --- | --- |
| | Hexachlorobutadiene | 87683 | 34391 | <u>5</u> | ◆ | --- | --- | --- | --- |
| | Hexachlorocyclopentadiene | 77474 | 34386 | <u>5</u> | ◆ | --- | --- | --- | --- |
| | Hexachloroethane | 67721 | 34396 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Ideno (1,2,3-cd) pyrene | 193395 | 34403 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Isophorone | 78591 | 34408 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Naphthalene | 91203 | 34696 | <u>10</u> | --- | --- | --- | --- | --- |
| | Nitrobenzene | 98953 | 34447 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | n-Nitrosodimethylamine | 62759 | 34438 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | n-Nitrosodi-n-propylamine | 621647 | 34428 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | n-Nitrosodiphenylamine | 86306 | 34433 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Phenanthrene | 85018 | 34461 | <u>20</u> | --- | --- | --- | --- | --- |
| | Pyrene | 129000 | 34469 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | 1,2,4-Trichlorobenzene | 120821 | 34551 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Pesticides | Aldrin | 309002 | 39330 | 0.05 | ◆ | ◆ | ◆ | --- |
| alpha-BHC | | 319846 | 39337 | 0.05 | ◆ | --- | --- | --- | --- |
| beta-BHC | | 319857 | 39338 | 0.05 | ◆ | --- | --- | --- | --- |
| gamma-BHC [Lindane] | | 58899 | 34266 | 0.05 | ◆ | ◆ | ◆ | ◆ | --- |
| delta-BHC | | 319868 | 34259 | 0.05 | --- | --- | --- | --- | --- |
| Chlordane | | 57749 | 39350 | <u>0.25</u> | ◆ | ◆ | ◆ | --- | --- |
| 4,4'-DDT | | 50293 | 39300 | <u>0.05</u> | ◆ | ◆ | ◆ | --- | --- |
| 4,4'-DDE | | 72559 | 39320 | <u>0.05</u> | ◆ | --- | --- | --- | --- |
| | | | | | | | | --- | |

¹From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999

²OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5

Table B-1 (continued). Priority Pollutants with State Water Quality Criteria or

National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|---------------------|--------------------------------------|------------|-------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Pesticides | 4,4'-DDD | 72548 | 39310 | <u>0.05</u> | ◆ | --- | ◆ | --- | --- |
| | <u>Demeton</u> | | | <u>1</u> | | | | | |
| | <u>Diazinon</u> | | | <u>1</u> | | | | | |
| | Dieldrin | 60571 | 39380 | <u>0.05</u> | ◆ | ◆ | ◆ | --- | --- |
| | <u>Endosulfan I alpha-Endosulfan</u> | 959988 | 34361 | <u>0.05</u> | ◆ | ◆ | --- | --- | --- |
| | <u>Endosulfan II beta-Endosulfan</u> | 33213659 | 34356 | <u>0.05</u> | ◆ | ◆ | --- | --- | --- |
| | Endosulfan sulfate | 1031078 | 34351 | <u>0.05</u> | ◆ | --- | --- | --- | --- |
| | Endrin | 72208 | 39390 | <u>0.05</u> | ◆ | ◆ | ◆ | ◆ | --- |
| | Endrin aldehyde | 7421934 | 34366 | <u>0.05</u> | ◆ | --- | --- | --- | --- |
| | Heptachlor | 76448 | 39410 | 0.05 | ◆ | ◆ | ◆ | --- | --- |
| | Heptachlor epoxide | 1024573 | 39420 | 0.05 | ◆ | --- | --- | --- | --- |
| | Toxaphene | 8001352 | 39400 | <u>0.25</u> | ◆ | ◆ | --- | ◆ | --- |
| PCBs | PCB-1242 | | 39496 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1254 | | 39504 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1221 | | 39488 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1232 | | 39492 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1248 | | 39500 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1260 | | 39508 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCB-1016 | | 34671 | <u>0.25</u> | --- | --- | --- | --- | --- |
| | PCBs, total | | 04166 | <u>0.25</u> | ◆ | ◆ | ◆ | --- | --- |
| 2,4,5 – TP (Silvex) | | | <u>0.25</u> | | | | | | |

¹ From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999

² OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5

Table B-2. Nonpriority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQL (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|------------------------|---|------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Nonpriority Pollutants | Ammonia | 7664417 | 00610 | 100 | --- | ³ | --- | --- | --- |
| | Asbestos | 1332214 | 948 | --- | ◆ | --- | --- | --- | --- |
| | Barium | 7440393 | 01007 | 10 | ◆ | --- | --- | ◆ | --- |
| | Bis-chloromethyl ether | 542881 | 34268 | <u>20</u> | ◆ | --- | --- | --- | --- |
| | Chloride | 16887006 | 941 | 10000 | --- | --- | --- | --- | ◆ |
| | Chlorine | 7782505 | 50060 | 100 | --- | ³ | --- | --- | --- |
| | 2-(2,4,5-Trichlorophenoxy) propionic acid [2,4,5-TP Silvex] | 93721 | 39760 | <u>0.5</u> | --- | ◆ | --- | ◆ | --- |
| | 2,4-Dichlorophenoxyacetic acid [2,4-D] | 94757 | 39730 | <u>1</u> | --- | --- | --- | ◆ | --- |
| | Chloropyrifos [Dursban] | 2921882 | 81403 | <u>0.05</u> | --- | ◆ | --- | --- | --- |
| | Demeton | 8065483 | 39560 | <u>1</u> | --- | ◆ | --- | --- | --- |
| | Detergents, total | | 51582 | 100 | --- | --- | --- | ◆ | --- |
| | Diazinon | 333415 | 10408 | <u>1</u> | --- | ◆ | --- | --- | --- |
| | Fluoride @ 90° F | 16984488 | 951 | 1000 | --- | --- | --- | ◆ | --- |
| | Guthion [Methyl azinphos] | 86500 | 39580 | <u>1</u> | --- | ◆ | --- | --- | --- |
| | Hexachlorocyclohexane-Technical | 319868 | 77835 | <u>5</u> | ◆ | --- | --- | --- | --- |
| | Hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX] | 121824 | 81364 | 140 | --- | ◆ | --- | --- | --- |
| | Iron | 7439896 | 00980 | 200 | ◆ | --- | --- | --- | --- |
| | Malathion | 121755 | 39530 | <u>1</u> | --- | ◆ | --- | --- | --- |
| | Manganese | 7439965 | 01055 | 50 | ◆ | --- | --- | --- | --- |
| | Methoxychlor | 72435 | 39480 | <u>0.05</u> | ◆ | ◆ | --- | ◆ | --- |
| | Methylene blue active substances | 61734 | 47021 | 100 | --- | ◆ | --- | ◆ | --- |
| | Mirex | 2385855 | 39755 | <u>0.05</u> | --- | ◆ | --- | --- | --- |
| | Nitrate | 14797558 | 00620 | 50 | ◆ | --- | --- | ◆ | --- |
| | Nitrosamines | | --- | 50 | ◆ | --- | --- | --- | --- |
| | n-Nitrosodibutylamine | 924163 | 78207 | 50 | ◆ | --- | --- | --- | --- |

¹From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999.

²OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5.

³Ammonia and chlorine criteria apply to implementation of narrative toxicity criterion under OAC 785:45 and 40 CFR Part 122.44(d)(1)(vi).

Table B-2 (continued). Nonpriority Pollutants with State Water Quality Criteria or National Recommended Water Quality Criteria Requiring Reasonable Potential Screening

| Pollutant | CAS No. | STORET No. | MQ L (µg/l) | NRWQC Human Health ¹ | State Criteria ² | | | | |
|------------------------|---------------------------------------|------------|-------------|---------------------------------|-----------------------------|--------------|-----------|-------------|-----|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture | |
| Nonpriority Pollutants | n-Nitrosodiethylamine | 55185 | 78200 | 50 | ◆ | --- | --- | --- | --- |
| | n-Nitrosopyrrolidine | 930552 | 78206 | 50 | ◆ | --- | --- | --- | --- |
| | Nonylphenol | 25154523 | 10395 | 100 | --- | ◆ | --- | --- | --- |
| | Parathion | 56382 | 39540 | <u>1</u> | --- | ◆ | --- | --- | --- |
| | Pentachlorobenzene | 608935 | 77793 | 50 | ◆ | --- | --- | --- | --- |
| | Perchlorate | 7601903 | 3215 | 5 | --- | ◆ | ◆ | --- | --- |
| | Phthalate esters (except butylbenzyl) | | 39117 | --- | --- | --- | --- | ◆ | --- |
| | Sulfate | | 00946 | 10000 | --- | --- | --- | --- | ◆ |
| | Total Dissolved Solids [TDS] | | 70300 | 10000 | --- | --- | --- | --- | ◆ |
| | 1,2,4,5-Tetrachlorobenzene | 95943 | 78028 | 50 | ◆ | --- | --- | --- | --- |
| | 2,4,5-Trichlorophenol | 95954 | 81848 | 50 | ◆ | --- | --- | --- | --- |
| | 2,4,6-Trinitrotoluene | | 81360 | --- | --- | ◆ | --- | --- | --- |

¹From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999.

²OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5.

Table B-3. WET Testing and WET Limit Parameters

| Pollutant | | | STORET No. | NRWQC Human Health ¹ | State Criteria ² | | | |
|--|---------------------|----------------------------------|------------|---------------------------------|-----------------------------|--------------|-----------|-------------|
| | | | | | Aquatic Toxicity | Human Health | Raw Water | Agriculture |
| 48-hour Acute LC50, Static Renewal, Freshwater | Daphnia magna | P/F survival | TIM3C | --- | ◆ | --- | --- | --- |
| | | LC50 effluent concentration | TAM3C | --- | ◆ | --- | --- | --- |
| | | % mortality in 100% effluent | TJM3C | --- | ◆ | --- | --- | --- |
| | Daphnia pulex | P/F survival | TIM3D | --- | ◆ | --- | --- | --- |
| | | LC50 effluent concentration | TAM3D | --- | ◆ | --- | --- | --- |
| | | % mortality in 100% effluent | TJM3D | --- | ◆ | --- | --- | --- |
| | Pimephales promelas | P/F survival | TIM6C | --- | ◆ | --- | --- | --- |
| | | LC50 effluent concentration | TAM6C | --- | ◆ | --- | --- | --- |
| | | % mortality in 100% effluent | TJM6C | --- | ◆ | --- | --- | --- |
| | WET Limit | LC50 > 100% | 22414 | --- | ◆ | --- | --- | --- |
| 7-day Chronic NOEC, Static Renewal, Freshwater | Ceriodaphnia dubia | P/F survival | TLP3B | --- | ◆ | --- | --- | --- |
| | | NOECL (lethality) | TOP3B | --- | ◆ | --- | --- | --- |
| | | % mortality in critical dilution | TJP3B | --- | ◆ | --- | --- | --- |
| | | P/F reproduction | TGP3B | --- | ◆ | --- | --- | --- |
| | | NOECS (reproduction) | TPP3B | --- | ◆ | --- | --- | --- |
| | | % CV | TQP3B | --- | ◆ | --- | --- | --- |
| | Pimephales promelas | P/F survival | TLP6C | --- | ◆ | --- | --- | --- |
| | | NOECL (lethality) | TOP6C | --- | ◆ | --- | --- | --- |
| | | % mortality in critical dilution | TJP6C | --- | ◆ | --- | --- | --- |
| | | P/F growth | TGP6C | --- | ◆ | --- | --- | --- |
| | | NOECS (growth) | TPP6C | --- | ◆ | --- | --- | --- |
| | | % CV | TQP6C | --- | ◆ | --- | --- | --- |
| | WET Limit | NOECL ≥ critical dilution | 22414 | --- | ◆ | --- | --- | --- |

¹ From National Recommended Water Quality Criteria, Publication No. EPA 822-Z-99-001, April 1999.

² OWRB-adopted numerical water quality criteria, OAC 785:45, Subchapter 5.