

## APPENDIX A of PART II

The following Minimum Quantification Levels (MQL's) are to be used for reporting pollutant data for NPDES permit applications and/or compliance reporting.

| POLLUTANTS   | MQL<br>µg/l     | POLLUTANTS                     | MQL<br>µg/l |
|--|-----------------|--------------------------------|-------------|
| <b>METALS, RADIOACTIVITY, CYANIDE and CHLORINE</b> |                 |                                |             |
| Aluminum   | 2.5             | Molybdenum                     | 10          |
| Antimony   | 60              | Nickel                         | 0.5         |
| Arsenic  | 0.5             | Selenium                       | 5           |
| Barium   | 100             | Silver                         | 0.5         |
| Beryllium  | 0.5             | Thallium                       | 0.5         |
| Boron  | 100             | Uranium                        | 0.1         |
| Cadmium  | 1               | Vanadium                       | 50          |
| Chromium   | 10              | Zinc                           | 20          |
| Cobalt   | 50              | Cyanide                        | 10          |
| Copper   | 0.5             | Cyanide, weak acid dissociable | 10          |
| Lead   | 0.5             | Total Residual Chlorine        | 33          |
| Mercury *1   | 0.0005<br>0.005 |                                |             |
| <b>DIOXIN</b>                                      |                 |                                |             |
| 2,3,7,8-TCDD                                       | 0.00001         |                                |             |
| <b>VOLATILE COMPOUNDS</b>                          |                 |                                |             |
| Acrolein   | 50              | 1,3-Dichloropropylene          | 10          |
| Acrylonitrile                                      | 20              | Ethylbenzene                   | 10          |
| Benzene  | 10              | Methyl Bromide                 | 50          |
| Bromoform  | 10              | Methylene Chloride             | 20          |
| Carbon Tetrachloride                               | 2               | 1,1,2,2-Tetrachloroethane      | 10          |
| Chlorobenzene                                      | 10              | Tetrachloroethylene            | 10          |
| Clorodibromomethane                                | 10              | Toluene                        | 10          |
| Chloroform   | 50              | 1,2-trans-Dichloroethylene     | 10          |
| Dichlorobromomethane                               | 10              | 1,1,2-Trichloroethane          | 10          |
| 1,2-Dichloroethane                                 | 10              | Trichloroethylene              | 10          |
| 1,1-Dichloroethylene                               | 10              | Vinyl Chloride                 | 10          |
| 1,2-Dichloropropane                                | 10              |                                |             |
| <b>ACID COMPOUNDS</b>                              |                 |                                |             |
| 2-Chlorophenol                                     | 10              | 2,4-Dinitrophenol              | 50          |
| 2,4-Dichlorophenol                                 | 10              | Pentachlorophenol              | 5           |
| 2,4-Dimethylphenol                                 | 10              | Phenol                         | 10          |
| 4,6-Dinitro-o-Cresol                               | 50              | 2,4,6-Trichlorophenol          | 10          |

| <b>POLLUTANTS</b>           | <b>MLQ<br/>µg/l</b> | <b>POLLUTANTS</b>         | <b>MLQ<br/>µg/l</b> |
|-----------------------------|---------------------|---------------------------|---------------------|
| <b>BASE/NEUTRAL</b>         |                     |                           |                     |
| Acenaphthene                | 10                  | Dimethyl Phthalate        | 10                  |
| Anthracene                  | 10                  | Di-n-Butyl Phthalate      | 10                  |
| Ben-zidine                  | 50                  | 2,4-Dinitrotoluene        | 10                  |
| Benzo(a)anthracene          | 5                   | 1,2-Diphenylhydrazine     | 20                  |
| Benzo(a)pyrene              | 5                   | Fluoranthene              | 10                  |
| 3,4-Benzofluoranthene       | 10                  | Fluorene                  | 10                  |
| Benzo(k)fluoranthene        | 5                   | Hexachlorobenzene         | 5                   |
| Bis(2-chloroethyl)Ether     | 10                  | Hexachlorobutadiene       | 10                  |
| Bis(2-chloroisopropyl)Ether | 10                  | Hexachlorocyclopentadiene | 10                  |
| Bis(2-ethylhexyl)Phthalate  | 10                  | Hexachloroethane          | 20                  |
| Butyl Benzyl Phthalate      | 10                  | Indeno(1,2,3-cd)Pyrene    | 5                   |
| 2-Chloronaphthalene         | 10                  | Isophorone                | 10                  |
| Chrysene                    | 5                   | Nitrobenzene              | 10                  |
| Dibenzo(a,h)anthracene      | 5                   | n-Nitrosodimethylamine    | 50                  |
| 1,2-Dichlorobenzene         | 10                  | n-Nitrosodi-n-Propylamine | 20                  |
| 1,3-Dichlorobenzene         | 10                  | n-Nitrosodiphenylamine    | 20                  |
| 1,4-Dichlorobenzene         | 10                  | Pyrene                    | 10                  |
| 3,3'-Dichlorobenzidine      | 5                   | 1,2,4-Trichlorobenzene    | 10                  |
| Diethyl Phthalate           | 10                  |                           |                     |
| <b>PESTICIDES AND PCBs</b>  |                     |                           |                     |
| Aldrin                      | 0.01                | Beta-Endosulfan           | 0.02                |
| Alpha-BHC                   | 0.05                | Endosulfan sulfate        | 0.02                |
| Beta-BHC                    | 0.05                | Endrin                    | 0.02                |
| Gamma-BHC                   | 0.05                | Endrin Aldehyde           | 0.1                 |
| Chlordane                   | 0.2                 | Heptachlor                | 0.01                |
| 4,4'-DDT and derivatives    | 0.02                | Heptachlor Epoxide        | 0.01                |
| Dieldrin                    | 0.02                | PCBs                      | 0.2                 |
| Alpha-Endosulfan            | 0.01                | Toxaphene                 | 0.3                 |

(MLQ's Revised November 1, 2007)

**Footnotes:**

\*1 Default MLQ for Mercury is 0.005 unless Part I of your permit requires the more sensitive Method 1631 (Oxidation / Purge and Trap / Cold vapor Atomic Fluorescence Spectrometry), then the MLQ shall be 0.0005.