

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

NOTICE OF FINAL RULEMAKING

The Board of Directors of the District of Columbia Water and Sewer Authority (the Board), pursuant to the authority set forth in the Water and Sewer Authority Establishment and Department of Public Works Reorganization Act of 1996, effective April 18, 1996 (D.C. Law 11-111; D.C. Code § 34-2201.01 *et seq.*), at its regularly scheduled meeting on September 2, 2010 took final action through adoption of Resolution # 10-82 to amend subsection 1501.4 of Section 1501, Discharge Standards, of Chapter 15, Discharges to Wastewater System, of Title 21, Water and Sanitation, of the District of Columbia Municipal Regulations (DCMR).

The Board expressed its intention to amend the DCMR at its regularly scheduled Board meeting held on July 1, 2010, pursuant to Board Resolution # 10-74. The Authority's proposed rulemaking was published in the July 9, 2010 edition of the *D.C. Register* at 57 DCR 5962 for public comment. No comments were received during the comment period. No changes have been made to the rules. The rules amend the discharge limits for Cadmium, Molybdenum and Silver, clarify the discharge limit for Mercury, and add a discharge limit for Polychlorinated Biphenyls in Table I, consistent with the U.S. Environmental Protection Agency Region III requirements.

This final rulemaking will become effective upon publication in the *D.C. Register*.

Section 1501, "Discharge Standards" of Chapter 15 of Title 21 of the DCMR is amended as follows:

Subsection 1501.4 is amended to read as follows:

1501 DISCHARGE STANDARDS

1501.4 The following shall apply to discharges to the wastewater system:

- (a) No person shall introduce into the wastewater system any discharges with pH of less than 5 or greater than 10 and temperatures in excess of 140 degrees Fahrenheit or 60 degrees Centigrade;
- (b) No person shall discharge to the wastewater system arsenic, cadmium, copper, lead, mercury, molybdenum, nickel, silver, zinc, cyanide, oil and grease, or Polychlorinated Biphenyls (PCBs) in concentrations greater than those listed in Table I of this subsection;
- (c) Dischargers may be required to monitor other pollutants, including chromium, selenium, total toxic organics (TTO), and any other pollutants as required;

- (d) For purposes of this subsection, "concentrations," shall be determined using composite samples collected over the daily operation in proportion to flow except for those parameters requiring grab samples including cyanide, total phenols, oil and grease, and volatile organic compounds. When flow-proportional composite sampling is not feasible, time-proportional composite sampling may be used. "Total toxic organics" (TTO) shall be defined as set forth in paragraph (e) of this subsection:

TABLE I

<u>SUBSTANCE</u>	<u>CONCENTRATION</u> <u>mg/L</u>
Arsenic (T)	0.23
Cadmium (T)	0.07
Copper (T)	2.3
Lead (T)	1.0
Mercury (T)	<0.001
Molybdenum (T)	0.89
Nickel (T)	2.2
Silver (T)	1.3
Zinc(T)	3.4
Cyanide (T)	0.56
Oil and Grease (non-polar)	100
PCBs (T) (1)	Non-detect
(T) – Total	

(1) – Total PCBs shall be measured using EPA Method 608 with a detection limit of at least 0.001 mg/L

- (e) The term "TTO" shall mean total toxic organics, which is the summation of all quantifiable values greater than .01 milligrams per liter for the following toxic organics:

Volatile Organic Compounds:

Acrolein
 Acrylonitrile
 Benzene
 Bromoform (tribromomethane)
 Carbon tetrachloride (tetrachloromethane)
 Chlorobenzene
 Chlorodibromomethane
 Chloroethane
 2-Chloroethyl vinyl ether (mixed)
 Chloroform (trichloromethane)
 1, 1-Dichloroethane

1, 2-Dichloroethane
1, 1-Dichloroethylene
1, 2-Dichloropropane
1, 3-Dichloropropylene (1, 3-dichloropropene)
Ethylbenzene
Methyl bromide (bromomethane)
Methyl chloride (chloromethane)
Methylene chloride (dichloromethane)
1, 1, 2, 2-Tetrachloroethane
Tetrachloroethylene
Toluene
1, 2-Trans-dichloroethylene
1, 1, 1-Trichloroethane
1, 1, 2-Trichloroethane
Trichloroethylene
Vinyl chloride (chloroethylene)

Semi-volatile Organic Compounds:

Acenaphthene
Acenaphthylene
Anthracene
1, 2-Benzanthracene (benzo (a) anthracene)
Benzidine
Benzo (a) pyrene (3,4-benzopyrene)
3, 4-Benzoflouranthene
(benzo (b) flouranthene)
11, 12-Benzoflouranthene (benzo (k) flouranthene)
1, 12-Benzoperylene (benzo (ghi) perylene)
Bis (2-chloroisopropyl) ether
Bis (2-chloroethoxy) methane
Bis (2-chloroethyl) ether
Bis (2-ethylhexyl) phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
2-Chloronaphthalene
2-Chlorophenol
4-Chlorophenyl phenyl ether
Chrysene
1, 2, 5, 6-Dibenzanthracene (dibenzo (a, h) anthracene)
1, 2-Dichlorobenzene
1, 3-Dichlorobenzene
1, 4-Dichlorobenzene
3, 3-Dichlorobenzidine
Dichlorobromomethane
2, 4-Dichlorophenol

Diethyl phthalate
Dimethyl phthalate
2, 4-Dimethylphenol
Di-n-butyl phthalate
Di-n-octyl phthalate
2, 4-Dinitrotoluene
2, 6-Dinitrotoluene
2, 4-Dinitrophenol
4, 6-Dinitro-o-cresol
1, 2-Diphenylhydrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno (1, 2, 3-cd) pyrene (2, 3-o-phenylene pyrene)
Isophorone
Naphthalene
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
N-nitrosodimethylamine
N-nitrosodiphenylamine
N-nitrosodi-n-propylamine
Parachlorometa cresol
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
1, 2, 4-Trichlorobenzene
2, 4, 6-Trichlorophenol

Pesticides/PCBs

Aldrin
Dieldrin
Chlordane
4,4'-DDT
4,4'-DDE (p,p-DDX)
4,4'-DDD (p,p-TDE)
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde

Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Delta-BHC
Gamma-BHC
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260
Toxaphene
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)