



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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April 25, 2012

**NOTICE**

**WASTEWATER DISCHARGE LICENSE HOLDERS  
CHANGE IN PRIORITY POLLUTANT REPORTING LIMITS (RL's)**

The Department of Environmental Protection Division of Water Quality Management (DWQM) has recently undertaken the evaluation of the reporting limits (RL's) for thirteen parameters that appear on the priority pollutant list. The review of these parameters was initiated after DWQM staff was notified that some of the wastewater RL's did not appear to be appropriate.

DWQM staff worked in conjunction with the laboratory certification officer from the Department of Health & Human Services (DHHS) to obtain performance data from several commercial laboratories, concerning the parameters in question, to evaluate the appropriateness of the DEP's existing wastewater RL's. As a result of this review, it was discovered that the DEP's wastewater RL's for eleven of the thirteen parameters were errantly low and were in need of adjustment to be achievable. DEP is hereby revising the wastewater RL's for eleven of the thirteen parameters as noted below.

PARAMETER	DEP Wastewater Program Reporting Limits (ug/L)	
	Old Limit	New Limit
1,2 - DIPHENYLHYDRAZINE	10	20
2,4,6-TRICHLOROPHENOL	3	5
4-BROMOPHENYLPHENYL ETHER	2	5
BENZO(A)PYRENE	3	5
BENZO(K)FLUORANTHENE	3	5
BIS(2-ETHYLHEXYL)PHTHALATE	3	10
CHRYSENE	3	5
HEXACHLOROBENZENE	2	5
HEXACHLOROBUTADIENE	4	5
HEXACHLOROETHANE	2	5
N-NITROSODIMETHYLAMINE	4	5

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In addition to revising these 11 existing parameter RL's, the DEP has established a new RL for the parameter, Chloride. The DEP utilized the same approach to establish an RL for this parameter as with the others. DEP staff contacted the DHHS laboratory certification officer to obtain performance data from several commercial laboratories. This performance data was utilized to establish an RL for chloride, which is displayed in the table below.

<b>PARAMETER</b>	<b>DEP Wastewater Program Reporting Limits (mg/L) New Limit</b>
CHLORIDE	1

The draft revised RL's were sent to a variety of commercial laboratory representatives, wastewater laboratory committee members, wastewater treatment facilities, and some select businesses that analyze for these parameters or have them analyzed by commercial laboratories. The DEP received comments concerning the revised RL's and has taken those into account in producing this final corrected list of RL's.

These revised RL's are effective immediately. This will allow all facilities producing this data for environmental compliance purposes to take advantage of the revised RL's immediately. The DEP will provide revised toxicity reporting forms, displaying the revised RL's for the eleven parameters, so that laboratories and licensed facilities will be able to correctly report all priority pollutants.

The entire list of priority pollutants, and the associated list of DEP wastewater program RL's, are attached to this notice. This is the list that the wastewater program staff will utilize to assess all data submitted for compliance purposes.

These RL's are established by the DEP in accordance with Department Regulation Chapter 530, Surface Water Toxics Control Program, Section 2.C.6.<sup>1</sup>

Thank you for your attention to this matter. If you have any comments or questions on this issue please contact Sterling Pierce, Compliance and Technical Assistance Section Manager, at 287-4868, or [sterling.pierce@maine.gov](mailto:sterling.pierce@maine.gov).



Brian Kavanah, Director  
 Division of Water Quality Management  
 Bureau of Land & Water Quality  
 PRIORITY POLLUTANTS & ASSOCIATED REPORTING LIMITS

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<sup>1</sup> All chemical testing must be carried out by approved methods that permit detection of a pollutant at existing levels in the discharge or that achieve detection levels as specified by the Department.

NOTE: (All Reporting Limits (RL's) are expressed in micrograms/liter (µg/L) except where noted)

**PARAMETER** **DEP Reporting Limit (RL)  
New Limits**

<b>ANALYTICAL CHEMISTRY</b>		
	TOTAL RESIDUAL CHLORINE (mg/L) (9)	0.05
	AMMONIA	NA
M	ALUMINUM	NA
M	ARSENIC	5
M	CADMIUM	1
M	CHROMIUM	10
M	COPPER	3
M	CYANIDE	5
M	LEAD	3
M	NICKEL	5
M	SILVER	1
M	ZINC	5
<b>PRIORITY POLLUTANTS</b>		
M	ANTIMONY	5
M	BERYLLIUM	2
M	MERCURY (5)	0.2
M	SELENIUM	5
M	THALLIUM	4
A	2,4,6-TRICHLOROPHENOL	5
A	2,4-DICHLOROPHENOL	5
A	2,4-DIMETHYLPHENOL	5
A	2,4-DINITROPHENOL	45
A	2-CHLOROPHENOL	5
A	2-NITROPHENOL	5
A	4,6 DINITRO-O-CRESOL (2-Methyl-4,6-dinitrophenol)	25
A	4-NITROPHENOL	20
A	P-CHLORO-M-CRESOL (3-methyl-4-chlorophenol)+B80	5
A	PENTACHLOROPHENOL	20
A	PHENOL	5
BN	1,2,4-TRICHLOROBENZENE	5
BN	1,2-(O)DICHLOROBENZENE	5
BN	1,2-DIPHENYLHYDRAZINE (Azobenzene)	20
BN	1,3-(M)DICHLOROBENZENE	5
BN	1,4-(P)DICHLOROBENZENE	5
BN	2,4-DINITROTOLUENE	6
BN	2,6-DINITROTOLUENE	5

BN	2-CHLORONAPHTHALENE	5
BN	3,3'-DICHLOROBENZIDINE	16.5
BN	3,4-BENZO(B)FLUORANTHENE	5
BN	4-BROMOPHENYLPHENYL ETHER	5
BN	4-CHLOROPHENYL PHENYL ETHER	5
BN	ACENAPHTHENE	5
BN	ACENAPHTHYLENE	5
BN	ANTHRACENE	5
BN	BENZIDINE	45
BN	BENZO(A)ANTHRACENE	8
BN	BENZO(A)PYRENE	5
BN	BENZO(G,H,I)PERYLENE	5
BN	BENZO(K)FLUORANTHENE	5
BN	BIS(2-CHLOROETHOXY)METHANE	5
BN	BIS(2-CHLOROETHYL)ETHER	6
BN	BIS(2-CHLOROISOPROPYL)ETHER	6
BN	BIS(2-ETHYLHEXYL)PHTHALATE	10
BN	BUTYLBENZYL PHTHALATE	5
BN	CHRYSENE	5
BN	DI-N-BUTYL PHTHALATE	5
BN	DI-N-OCTYL PHTHALATE	5
BN	DIBENZO(A,H)ANTHRACENE	5
BN	DIETHYL PHTHALATE	5
BN	DIMETHYL PHTHALATE	5
BN	FLUORANTHENE	5
BN	FLUORENE	5
BN	HEXACHLOROBENZENE	5
BN	HEXACHLOROBUTADIENE	5
BN	HEXACHLOROCYCLOPENTADIENE	10
BN	HEXACHLOROETHANE	5
BN	INDENO(1,2,3-CD)PYRENE	5
BN	ISOPHORONE	5
BN	N-NITROSODI-N-PROPYLAMINE	10
BN	N-NITROSODIMETHYLAMINE	5
BN	N-NITROSODIPHENYLAMINE	5
BN	NAPHTHALENE	5
BN	NITROBENZENE	5
BN	PHENANTHRENE	5
BN	PYRENE	5
P	4,4'-DDD	0.05
P	4,4'-DDE	0.05
P	4,4'-DDT	0.05
P	A-BHC	0.2
P	A-ENDOSULFAN	0.05
P	ALDRIN	0.15
P	B-BHC	0.05
P	B-ENDOSULFAN	0.05
P	CHLORDANE	0.1

P	D-BHC	0.05
P	DIELDRIN	0.05
P	ENDOSULFAN SULFATE	0.1
P	ENDRIN	0.05
P	ENDRIN ALDEHYDE	0.05
P	G-BHC	0.15
P	HEPTACHLOR	0.15
P	HEPTACHLOR EPOXIDE	0.1
P	PCB-1016	0.3
P	PCB-1221	0.3
P	PCB-1232	0.3
P	PCB-1242	0.3
P	PCB-1248	0.3
P	PCB-1254	0.3
P	PCB-1260	0.2
P	TOXAPHENE	1
V	1,1,1-TRICHLOROETHANE	5
V	1,1,2,2-TETRACHLOROETHANE	7
V	1,1,2-TRICHLOROETHANE	5
V	1,1-DICHLOROETHANE	5
V	1,1-DICHLOROETHYLENE (1,1-dichloroethene)	3
V	1,2-DICHLOROETHANE	3
V	1,2-DICHLOROPROPANE	6
V	1,2-TRANS-DICHLOROETHYLENE (1,2-trans-dichloroethene)	5
V	1,3-DICHLOROPROPYLENE (1,3-dichloropropene)	5
V	2-CHLOROETHYL VINYL ETHER	20
V	ACROLEIN	NA
V	ACRYLONITRILE	NA
V	BENZENE	5
V	BROMOFORM	5
V	CARBON TETRACHLORIDE	5
V	CHLOROBENZENE	6
V	CHLORODIBROMOMETHANE	3
V	CHLOROETHANE	5
V	CHLOROFORM	5
V	DICHLOROBROMOMETHANE	3
V	ETHYLBENZENE	10
V	METHYL BROMIDE (Bromomethane)	5
V	METHYL CHLORIDE (Chloromethane)	5
V	METHYLENE CHLORIDE	5
V	TETRACHLOROETHYLENE (Perchloroethylene or Tetrachloroethene)	5
V	TOLUENE	5
V	TRICHLOROETHYLENE (Trichloroethene)	3
V	VINYL CHLORIDE	5