

TABLE 1⁽¹⁾

DISCHARGE LIMITS FOR NON-SANITARY WASTEWATER DISCHARGES INTO THE SMCSO

CONSTITUENT	UNITS		WASTEWATER	
	Avg.	Peak	Avg.	Peak
I. GENERAL (Standard Methods for Examination of Water & Wastewater)⁽²⁾				
Flow	GPD	GPM	X	10X
Ph	---	---	6-9	5-10
BOD	mg/L	mg/L	300	1000
Total Suspended Solids	mg/L	mg/L	500	1500
Settleable Solids	MI/L	MI/L	30	100
Oil and Grease	mg/L	mg/L	100	200
Detergent (MBAS)	mg/L	mg/L	10	30
Total Dissolved Solids	mg/L	mg/L	1000	2000
Chlorides	mg/L	mg/L	500	1000
Sulfates	mg/L	mg/L	500	1000
Dissolved Sulfides	mg/L	mg/L	0.5	1
Fluoride	mg/L	mg/L	2.5	5
Nitrates	mg/L	mg/L	25	50
Cyanide	mg/L	mg/L	0.05	0.1
Phenols	mg/L	mg/L	1	2
Color	C.U.	C.U.	25	50
II. METALS (EPA Method 3005/3010 - AA/ICP)				
Arsenic	mg/L	mg/L	0.5	1.0
Cadmium	mg/L	mg/L	0.05	0.1
Chromium	mg/L	mg/L	0.1	0.2
Copper	mg/L	mg/L	0.05	0.1
Lead	mg/L	mg/L	0.1	0.2
Mercury	mg/L	mg/L	0.001	0.002
Nickel	mg/L	mg/L	0.1	0.2
Selenium	mg/L	mg/L	0.1	0.2
Silver	mg/L	mg/L	0.05	0.1
Zinc	mg/L	mg/L	1	2
III. PURGEABLE HALOCARBONS (EPA METHOD 601)				
Carbon Tetrachloride	µg/L	µg/L	5	10
1,2-Dichloroethane	µg/L	µg/L	5	10
Vinyl Chloride	µg/L	µg/L	5	10
Tetrachlorethylene	µg/L	µg/L	10	20
1,1-Dichloroethane	µg/L	µg/L	20	40
Chloroform	µg/L	µg/L	5	10
All other 601 compounds	µg/L	µg/L	20	40

TABLE 1
(CONTINUED)

CONSTITUENT	UNITS		WASTEWATER	
	Avg.	Peak	Avg.	Peak
IV. PURGEABLE AROMATICS (EPA METHOD 602)				
Benzene	µg/L	µg/L	2	4
1,2 Dichlorobenzene	µg/L	µg/L	25	50
1,3 Dichlorobenzene	µg/L	µg/L	10	20
1,4 Dichlorobenzene	µg/L	µg/L	5	10
Toluene	µg/L	µg/L	25	50
All other 602 compounds	µg/L	µg/L	10	20
V. VOLATILE ORGANIC COMPOUNDS (EPA METHOD 624)				
Each, not covered in III or IV	µg/L	µg/L	10	20
VI. TOTAL PETROLEUM HYDROCARBONS (MODIFIED EPA METHOD 8015)				
Total	mg/L	mg/L	50	100
VII. PHTHALATES (EPA METHOD 625)				
Total	mg/L	mg/L	0.5	1
VIII. POLYNUCLEAR AROMATIC HYDROCARBONS (EPA METHOD 625)				
TOTAL	µg/L	µg/L	50	100
IX. BASE/NEUTRAL COMPOUNDS (EPA METHOD 625)				
Each	µg/L	µg/L	25	50
X. MISC. EPA 625 CMPNDS.				
2,4 dichlorophenol	µg/L	µg/L	100	200
2,4,6 Trichlorophenol	µg/L	µg/L	50	100
4-chloro-3-methylphenol	µg/L	µg/L	10	20
Fluoranthene	µg/L	µg/L	200	400
Hexachlorobenzene	µg/L	µg/L	.005	.01
Pentachlorophenol	µg/L	µg/L	50	100
XI. TOTAL CHLORINATED HYDROCARBONS				
Total halomethanes	mg/L	mg/L	5	10
Total as ID'd by 601, 602, 624, and 625	mg/L	mg/L	0.05	0.1
XII. OTHER COMPOUNDS OF POTENTIAL CONCERN (Standard Methods for Examination of Water & Wastewater Analysis) ⁽²⁾				
EDB	mg/L	mg/L	0.25	0.5
TEL	mg/L	mg/L	1	2
Aldrin	mg/L	mg/L	0.25	0.5
A-BHC	µg/L	µg/L	1	2
B-BHC	µg/L	µg/L	0.04	.1
Chlordane	µg/L	µg/L	0.04	.1
Cresols and Creosote	mg/L	mg/L	1	2

TABLE 1
(CONTINUED)

CONSTITUENT	UNITS		WASTEWATER	
	Avg.	Peak	Avg.	Peak
DDT	mg/L	mg/L	0.01	0.02
Dichloromethane	mg/L	mg/L	5	10
Dieldrin	µg/L	µg/L	0.02	0.04
Endosulfan	µg/L	µg/L	0.1	0.2
Endrin	µg/L	µg/L	0.02	0.04
G-GHC (Lindane)	µg/L	µg/L	0.5	1
Heptachlor	µg/L	µg/L	0.02	0.04
Heptachlor Epoxide	µg/L	µg/L	0.01	0.02
PCBs (total)	µg/L	µg/L	0.1	0.2
Toxaphene	µg/L	µg/L	0.005	0.01
Tributyltin	µg/L	µg/L	0.1	0.2
Organic Solvents	mg/L	mg/L	1	2

- (1) Testing Schedule - All constituents listed above shall be tested initially and once per year from a 24-hour composite sample of the discharged wastewater. Then the general constituents listed in Part 1, and any other constituent that is within fifty percent of the constituent limit shall be tested from 24-hour composite samples once each month for the first year of permitted discharge, and then quarterly if all constituents meet the limit.
- (2) Standard Methods for the Examination of Water & Wastewater, APHA (latest edition will be used for sampling and analysis).