SIC Sector (EPA Defined Sector)	(EPA Defined Subsector) SIC Subsector / Activity	Number of Permitted Facilities, total (1200-Z, 1200-COLS) [a]	Number of Parameters, MSGP Benchmarks unless otherwise specified; versus (1200-Z,1200-COLS)	All Parameter Concentrations in mg/L (unless otherwise stated)											All Parameter Concentrations in mg/L (unless otherwise stated)																												All Parameter Concentrations in mg/L (unless otherwise stated)							
				Solids			Nutrients			Physical Properties				Biological	Metals																												Other							
				Total Suspended Solids, TSS	Turbidity (NTU)	Woody Debris	Ammonia	Nitrate plus Nitrite Nitrogen	Total Phosphorus, as P	Biochemical Oxygen Demand, BOD_5	Chemical Oxygen Demand, COD	Hardness	pH (s.u.)	E. Coli (counts per 100 mL)	Total Aluminum	Total Antimony	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Fluoride	Dissolved Iron	Total Iron	Total Lead	Total Magnesium	Total Mercury	Total Nickel	Dissolved Radium	Total Radium	Total Selenium	Total Silver	Total Uranium	Total Zinc	Alpha Terpineol	Aniline	Benzoic Acid	Total Cyanide	Naphthaline	Oil and Grease	p-Cresol	Phenol	Pyridine
	1200-Z - all applicable sectors			130									5.5 - 9.0	406 [f]										0.1				0.4							0.6						10			
	1200-COLS - all applicable sectors			50					0.16	33			5.5 - 8.5	406										0.036				0.06							0.24						10			
	1200-Z,COLS - Activity - Cement manufacturing: materials storage piles runoff (40 CFR 411)			50 eff.lim.									6.0-9.0 eff.lim.																																
	1200-Z,COLS - Activity - Steam powered electric power generating: coal pile runoff (40 CFR 423)			50 [DM] eff.lim.																																								
	1200-Z,COLS - Activity - Paving and roofing materials (tars and asphalt); runoff from manufacturing of asphalt paving or roofing emulsion (40 CFR 443)												6.0-9.0 eff.lim.																														15 [DM], 10 [30-DA] eff.lim.			
10 (G) - Metal Mining	**(G1) 1021** - Active Copper Ore Mining and Dressing Facilities	--	18-23 [g] (6,9)	100				0.68			120																																		
	(G2) 10XX series - Metal Mining - Discharges from waste rock and overburden piles at active metal mining facilities	2 (2,0)	16-21 (6,9)	100 [b, c]	50 [b]						no value specified [c]	no bench-mark value [b]	6.0 - 9.0 [b, c]			0.64 [b]	0.15 [b, c]	0.13 [b]	0.0005 - 0.0053, 0.0013 [CS; b, c]		0.0038-0.0332, 0.0090 [CS; b, c]		no value specified [d]	1.0 [b, c]	0.014 - 0.262, 0.045 [CS; b, c]		0.0014 [b, c]	0.15 - 1.02, 0.32 [CS; b, c]	no appl. bench-mark [c]	no appl. bench-mark [c]	0.005 [b]	0.0007 - 0.0183, 0.0017 [CS; b]	no appl. bench-mark [c]	0.04 - 0.26, 0.08 [CS; b, c]										
12 (H) - Coal Mining and Related Facilities	**(H1) 12XX series** - Coal Mines and Related Areas	--	3 (6,9)	100											0.75									1.0																				
13 (I) - Oil and Gas Extr.	**(I) 13XX series** - Oil and Gas Extraction	--	0 (6,9)																																									
20 (U) - Food and Kindred Products	**(U1) 204X** - Grain Mill Products	3 (1,2)	1 (6,9)	100																																								
	(U2) 207X series - Fats and Oils Products	3 (1,2)	4 (6,9)	100				0.68		30	120																																	
	(U3) Remaining 20XX subsectors	56 (51,5)	0 (6,9)																																								
21 (U3) - Tobacco Prod.	**(U3) 21XX series** - Tobacco Products	--	0 (6,9)																																								
22, 23, 31 (V) - Textile Mills, Leather	**(V1) 22XX, 23XX, and 31XX series** EXCEPT 3111 - Textile Mills, Apparel, and Other Fabric Products	--	0 (6,9)																																								
24 (A) - Timber Products	**(A1) 2421** - General Sawmills and Planing Mills	63 (62,1)	3 BM, 2 EL (6,9)	100							120.0																																	
	(A2) 2491 - Wood Preserving	1 (1,0)	2 BM, 2 EL (6,9)														0.15				0.0038 - 0.0332, 0.0090 [CS]																							
	(A3) 2411 - Log Storage and Handling	8 (8,0)	1 BM, 2 EL (6,9)	100																																								
	(A4) 242X series EXCEPT 2421 - Sawmills and Planing Mills; **243X series** EXCEPT 2434 - Millwork, Veneer, Plywood, and Structural Wood Members; **244X series** - Wood Containers; **245X series** - Wood Buildings and Mobile Homes; **249X series** EXCEPT 2491 - Misc Wood Products	76 (72,4)	2 BM, 2 EL (6,9)	100.0							120.0																																	
	Activity (A) 24XX series - Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Refer to A1 - A4	2 EL, see A1 - A4 for BM			< 1 in eff.lim.							6.0 - 9.0 eff.lim.																																
25 (W) - Furn-iture	**(W1) 25XX series, 2434** - Furniture and Fixtures	6 (6,0)	0 (6,9)																																								
26 (B) - Paper and Allied Prod.	**(B1) 2631** - Paperboard Mills	1 (1,0)	1 (6,9)								120																																	
	(B2) Remaining 26XX subsectors	15 (12,3)	0 (6,9)																																								
27 (X) - Print-ing and Pub.	**(X) 27XX series** - Printing and Publishing	2 (2,0)	0 (6,9)																																								
28 (C) - Chemical and Allied Products Manufacturing, and Refining	**(C1) 287X series** - Agricultural Chemicals	10 (9,1)	5 (6,9)					0.68	2.0 [d]															1.0	0.014 - 0.262, 0.045 [CS]								0.04 - 0.26, 0.08 [CS]										
	(C2) 281X series - Industrial Inorganic Chemicals	4 (3,1)	3 (6,9)					0.68							0.75									1.0																				
	(C3) 284X series - Soaps, Detergents, Cosmetics, and Perfumes	--	2 (6,9)					0.68																									0.04 - 0.26, 0.08 [CS]										
	(C4) 282X series - Plastics, Synthetics, and Resins	4 (4,0)	1 (6,9)																														0.04 - 0.26, 0.08 [CS]										
	(C5) 283X series - Med. Chem; **285X series** - Paints; **286X series** - Indust. Org. Chem.; **289X series**- Misc. Chem. Prod.; **2911** - Petroleum Refining; **3952** - Inks and Paints	20 (8,2)	0 (6,9)																																								
	Activity (C) 2874 - Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste	1 (1,0)	2 EL, see C1 for BM						105.0 [DM], 35 [30-DA] eff.lim.													75.0 [DM], 25.0 [30-DA] eff.lim.																							
29 (D) - Asphalt Paving and Roofing Materials and Lubricant Manufacturing	**(D1) 295X series -** Asphalt Paving and Roofing Materials	3 (2,1)	1 BM, 3 EL (4 BM 2 EL, 7 BM 2 EL)	100																																							
	(D2) 299X series - Misc. Products of Petroleum and Coal	3 (2,1)	0 (4 BM 2 EL, 7 BM 2 EL)																																								
	Activity (D) 29XX series - Discharges from asphalt emulsion facilities [e]	Refer to D1	3 EL, see D1 for BM	23.0 [DM], 15.0 [30-DA] eff.lim.									6.0 - 9.0 eff.lim.																														15.0 [DM], 10.0 [30-DA] eff.lim.			
30, 39 (Y) - Rubber, Misc. Plastic Prod., and Misc. Manuf. Ind.	**(Y1) 301X, 302X, 305X, 306X series** - Rubber Products Manufacturing	3 (3,0)	1 (6,9)																														0.04 - 0.26, 0.08 [CS]										
	(Y2) 308X series - Misc. Plastics Products; **39XX series** - Misc. Manufact. Ind. EXCEPT 391X and 3952	13 (10,3)	0 (6,9)																																								
3111 (Z) - Leather Tanning and Finishing	**(Z1) 3111** - Leather Tanning and Finishing	--	0 (6,9)																																								
ent. oducts	**(E1) 325X and 326X series** - Clay Product Manufacturers	1 (1,0)	1 BM (4 BM 2 EL, 7 BM 2 EL)												0.75																												

32 (E) - Glass, Clay, Cem Concrete, and Gypsum Pr	**(E2) 327X series** - Concrete and Gypsum Product Manufacturers	12 (10,2)	2 BM, 2 EL (4 BM 2 EL, 7 BM 2 EL)	100																				1.0																			
	(E3) Remaining 32XX: 321X-324X series - Glass; 328X-329X series - Cut Stone, Nonmetalic Mineral Prod.	9 (7,2)	2 EL (4 BM 2 EL, 7 BM 2 EL)																																								
	Activity (E) 32XX series - Discharges from material storage piles at cement manufacturing facilities $_{e}$	Refer to E1 - E3	2 EL, see E2 for BM	50 $_{DM}$ eff.lim.									6.0 - 9.0 eff.lim.																														
33 (F) - Primary Metals	**(F1) 331X series** - Steel Works, Blast Furnaces, and Rolling and Finishing Mills	5 (4,1)	2 (6,9)												0.75																			0.04 - 0.26, 0.08 $_{CS}$									
	(F2) 332X series - Iron and Steel Foundries	7 (5,2)	5 (6,9)	100											0.75						0.0038 - 0.0332, 0.0090 $_{CS}$			1.0										0.04 - 0.26, 0.08 $_{CS}$									
	(F3) 335X series - Rolling, Drawing, and Extruding of Nonferrous Metals; **336X series (F4)** - Nonferrous Foundries	10 (7,3)	2 (6,9)																		0.0038 - 0.0332, 0.0090 $_{CS}$													0.04 - 0.26, 0.08 $_{CS}$									
	(F5) Remaining 33XX - 3331-3339, 3341, 3398, 3399 Smelting and Refining of Nonferrous Metals and Misc. Primary Metal Products	6 (5,1)	0 (6,9)																																								
34, 39 (AA) - Fab. Metal Products	**(AA1) 34XX, 391X series** EXCEPT 3479 - Fabricated Metal Products	45 (36,9)	4 (6,9)					0.68							0.75									1.0										0.04 - 0.26, 0.08 $_{CS}$									
	(AA2) 3479 - Fabricated Metal Coating and Engraving	4 (4,0)	2 (6,9)					0.68																										0.04 - 0.26, 0.08 $_{CS}$									
35, 37 (AB) - Trans. Equip., Indust. Or Commerc. Machinery Facil.	**(AB1) 35XX series** EXCEPT 3571 and 3579**; 37XX series** EXCEPT 3731 and 3732 - Transportation Equipment, Industrial or Commercial Machinery Facilities	49 (36,13)	0 (6,9)																																								
36, 38 (AC) - Electronic, Meas. and Analyzing Instr.	**(AC1) 357X series, 36XX series, 38XX series** - Electronic and Electrical Equipment and Components, Photographic and Optical Goods	20 (20,0)	0 (6,9)																																								
37 (R) - Ship and Boat Build. and Repair Yards	**(R1) 373X series** - Ship and Boat Building and Repair Yards	15 (15,0)	0 (6,9)																																								
40-43 (P) - Land Trans. and Ware-housing	**(P1) 40XX, 41XX, 42XX, 43XX series; 5171** - Land Transporation and Warehousing	170 (142,28)	0 (6,9)																																								
44 (Q) - Water Trans.	**(Q1) 44XX series** - Water Transportation Facilities	15 (14,1)	4 (6,9)												0.75									1.0	0.014 - 0.262, 0.045 $_{CS}$									0.04 - 0.26, 0.08 $_{CS}$									
45 (S) - Air Trans.	**(S1) 45XX series** - Airports using more than 100,000 gal glycol-based deicing chemicals and/or 100 tons more of urea on an average annual basis	25 (23,2)	4 (6,9)				2.14			30	120		6.0-9.0																														
5015 (M) - Auto Salvage Yards	**(M1) 5015** - Automobile Salvage Yards	16, (11,5)	4 (6,9)	100											0.75									1.0	0.014 - 0.262, 0.045 $_{CS}$																		
5093 (N) - Scrap an Waste Recycl. Fac.	**5093 (N1)** - Scrap recycling and waste recycling facilities except source-separated recycling	36 (34,2)	7 (6,9)	100							120				0.75						0.0038 - 0.0332, 0.0090 $_{CS}$			1.0	0.014 - 0.262, 0.045 $_{CS}$									0.04 - 0.26, 0.08 $_{CS}$									
HZ (K) - Hazardous Waste Treatment, Storage, or Disposal Facilities	**HZ (K1)** - All with industrial activity code "HZ" - BM for discharges NOT subject to limitions in 40 CFR Part 445 Subpart A.	1 (1,0)	10 (7,9)				2.14				120						0.15		0.0005 - 0.0053, 0.0013 $_{CS}$						0.014 - 0.262, 0.045 $_{CS}$	0.064	0.0014				0.005	0.0007 - 0.0183, 0.0017 $_{CS}$						0.022					
	Activity (K) - Discharges from hazardous waste landfills subject to effluent limitations in 40 CFR Part 445 Subpart A.	Refer to K1	14 EL, see K1 for BM	88 $_{DM}$, 27 $_{MAM}$ eff.lim.			10 $_{DM}$, 4.9 $_{MAM}$ eff.lim.			220 $_{DM}$, 56 $_{MAM}$ eff.lim.			6-9 eff.lim.				1.1 $_{DM}$, 0.54 $_{MAM}$ eff.lim.			1.1 $_{DM}$, 0.46 $_{MAM}$ eff.lim.														0.535 $_{DM}$, 0.296 $_{MAM}$ eff.lim.	0.042 $_{DM}$, 0.019 $_{MAM}$ eff.lim.	0.024 $_{DM}$, 0.015 $_{MAM}$ eff.lim.	0.119 $_{DM}$, 0.073 $_{MAM}$ eff.lim.		0.059 $_{DM}$, 0.022 $_{MAM}$ eff.lim.		0.024 $_{DM}$, 0.015 $_{MAM}$ eff.lim.	0.048 $_{DM}$, 0.029 $_{MAM}$ eff.lim.	0.072 $_{DM}$, 0.025 $_{MAM}$ eff.lim.
LF (L) - Landfills, Land Application Sites, and Open Dumps	**LF (L1)** - All landfill, land application sites and open dumps (industrial activity code "LF")	34 (32,2)	1 BM, 9 EL (7 BM, 9 BM)	100																																							
	LF (L2) - All landfill, land application sites and open dumps, except municiple solid waste landfill (MSWLF) areas closed in accordance with 40 CFR 258.60		1 BM, 9 EL (7 BM, 9 BM)																					1.0																			
	Activity (L) - Discharges from non-hazardous waste landfills subject to effluent limitations in 40 CFR Part 445 Subpart B.	Refer to L1 and L2	9 EL, see L1 and L2 for BM	88 $_{DM}$, 27 $_{MAM}$ eff.lim.			10 $_{DM}$, 4.9 $_{MAM}$ eff.lim.			140 $_{DM}$, 37 $_{MAM}$ eff.lim.			6-9 eff.lim.																					0.20 $_{DM}$, 0.11 $_{MAM}$ eff.lim.	0.033 $_{DM}$, 0.016 $_{MAM}$ eff.lim.		0.12 $_{DM}$, 0.071 $_{MAM}$ eff.lim.				0.025 $_{DM}$, 0.014 $_{MAM}$ eff.lim.	0.026 $_{DM}$, 0.015 $_{MAM}$ eff.lim.	
SE (O) - Steam Electric Generating Facilities	**SE (O1)** - Steam Electric Generating Facilities (industrial activity code "SE")	2 (2,0)	1BM 2 EL (5 BM 1 EL, 8 BM 1 EL)																					1.0																			
	Activity (O) - Discharges from coal storage piles at steam electric generating facilities $_{e}$	Refer to O1	2 EL see O1 for BM	50 eff.lim.									6.0-9.0 eff.lim.																														
TW (T) - Treat-ment Works	**TW (T)** - Treatment Works	21 (19,2)	0 (7,9)																																								