

## **Attachment 1**

### **RESULTS OF THE *PCSLOADS2002* AND *TRIRELEASES2002* DATABASES**

- Table 1-A - SIC Code Rankings for PCS
- Table 1-B - Parameter TWPE totals for PCS
- Table 1-C - SIC Code Rankings for TRI
- Table 1-D - Chemical TWPE totals for TRI

**Table 1-A. SIC Code Rankings for PCSLoads2002**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
4952	Sewerage Systems	721,537,860,164	194,937,626,369
2861	Gum and Wood Chemicals	10,947,231	3,819,669
4911	Electrical Services	19,548,766,531	1,615,367
2869	Indust. Organic Chemicals NEC	740,835,247	1,561,614
2611	Pulp Mills	2,459,789,015	1,459,401
3312	Blast Furn/steel Works/rolling	2,180,013,521	1,393,342
2874	Phosphatic Fertilizers	186,107,432	1,323,428
2819	Industrial Inorganic Chemicals	1,421,163,911	335,033
2085	Dist, Rectified & Blended Liq	158,548,479	324,924
3795	Tanks and Tank Components	1,410,607	234,222
3081	Unsupported Plstics Film/sheet	212,594,535	172,091
2911	Petroleum Refining	429,557,193	168,683
3341	2ndary Smelt/nonferrous Metals	17,957,058	167,646
2812	Alkalies and Chlorine	684,894,359	159,802
1011	Iron Ores	37,223,931	148,736
3334	Primary Production of Aluminum	106,659,274	135,866
2821	Plstc Mat./syn Resins/nv Elast	171,843,853	131,455
1041	Gold Ores	27,882,579	124,475
3339	Prmry Smelt/nonferrous Metals	62,936,242	116,737
9711	National Security	510,162,327	108,340
2873	Nitrogen Fertilizers	525,766,702	96,509
1031	Lead and Zinc Ores	46,233,518	92,072
4941	Water Supply	59,936,402	88,824
2816	Inorganic Pigments	1,000,215,803	69,481
3714	Motor Vehicle Parts & Accessor	2,350,308	67,860
3629	Electrical Industrial Apparats	4,245	67,381
4953	Refuse Systems	76,272,682	58,808
3861	Photographic Equip & Supplies	63,483,497	58,381
2621	Paper Mills	1,301,428,715	52,546
2011	Meat Packing Plants	61,974,546	49,176
3675	Electronic Capacitors	62,702	45,589
2865	Cyclic Crudes Interm., Dyes	54,823,699	37,845
2833	Medicinal Chem/botanical Produ	83,243,629	36,935
1475	Phosphate Rock	763,544,237	35,097

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
2221	Broad Woven Fabric Mills, Synt	692,174	29,028
2262	Finish of Brd Wov Fab/man-made	20,953,320	25,171
1021	Copper Ores	388,239,063	24,651
3331	Primry Smelting & Copper Refin	3,813,557	23,090
2824	Syn Org Fibers,except Cellulos	13,684,012	22,491
3316	Cold Rolled Steel Sheet/strip	9,939,031	21,136
3353	Aluminum Sheet, Plate and Foil	13,443,678	19,667
3471	Plating and Polishing	5,254,030	19,482
2899	Chemicals & Chem Prep, NEC	127,919,271	16,809
2273	Carpets and Rugs, NEC	9,975,747	16,621
2063	Beet Sugar	107,086,272	16,541
1061	Ferroalloy Ores, Excl Vanadium	71,102,587	16,439
2261	Finish of Brd Wov Fab of Cotton	12,222,375	15,156
2892	Explosives	49,010,659	14,452
1479	Chem & Fert Minera Mining, NEC	92,036,978	13,677
2834	Pharmaceutical Preparations	31,105,321	13,521
2015	Poultry Slaughtering & Process	11,960,346	11,705
2082	Malt Beverages	1,634,518	9,784
2211	Broad Woven Fabric Mills, Cott	15,314,292	9,529
2299	Textile Goods, NEC	1,303,670	9,365
3365	Aluminum Foundries	25,295	8,787
2631	Paperboard Mills	557,641,790	8,532
2269	Finishers of Textiles, NEC	4,076,400	7,965
2037	Frozen Frts, Frt Juices & Veg	5,963,536	6,990
3724	Aircraft Engines & Engine Part	840,495	6,786
1481	Nonmetal Mineral (Except Fuels	2,039,860	6,698
3313	Electrometallurgical Products	9,572,794	6,652
9223	Correctional Institutions	1,359,435	5,944
2257	Circular Knit Fabric Mills	9,845,146	5,747
8299	Schools & Educational Services	223,349	5,398
3399	Primary Metal Products, NEC	1,420,557	4,845
3674	Semiconductors & Related Devic	7,762,680	4,787
3317	Steel Pipe and Tubes	4,213,039	4,505
4931	Elec & Other Services Combined	30,689,590	4,438

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
2879	Pesticides & Agricultural Chem	122,202,744	4,193
3111	Leather Tanning and Finishing	735,989	3,785
1459	Clay, Ceramic & Refrac Mat NEC	629,231	3,570
3351	Roll/draw/extruding of Copper	2,107,329	3,532
3479	Metal Coating & Allied Servic	22,697,782	3,425
9611	Admin of General Economic Pro	4,119,532	3,421
2077	Animal and Marine Fats & Oils	2,529,860	3,244
2258	Warp Knit Fabric Mills	810,073	3,204
3764	Space Propulsion Units & Parts	1,775,711	3,168
2514	Metal Household Furniture	1,431,683	2,965
3672	Printed Circuit Board	54,038	2,960
3444	Sheet Metal Work	252,210	2,875
3315	Steel Wire Draw & Steel Nails	2,853,479	2,872
4961	Steam & Air-conditioning Sup	65,716	2,386
3731	Ship Building and Repairing	2,544,016	2,301
2822	Syn Rubber (Vulcan Elastomers)	9,416,254	2,293
3241	Cement, Hydraulic	39,796,182	2,107
3612	Transformers	12,504	2,049
3443	Fab Plate Work (Boiler Shops)	546,398	1,926
2823	Cellulosic Man-made Fibers	4,458,713	1,601
3531	Construction Machinery	78,382	1,557
4226	Special Warehousing & Storage	325,058	1,452
2813	Industrial Gases	17,865,385	1,422
3229	Pressed & Blown Glass & Gware	623,037	1,411
3297	Nonclay Refractories	115,471,049	1,288
4581	Airports, Flying Fields & Ser	1,106,291	1,156
3321	Gray Iron Foundries	687,466	1,093
2231	Broad Woven Fabric Mills, Wool	1,078,051	1,008
2754	Commercial Printing, Gravure	3,395,431	962
1442	Construction Sand and Gravel	38,430,851	954
2091	Canned & Cured Fish & Seafood	139,052,294	919
2252	Hosiery, NEC	191,161	848
3568	Power Transmission Equipment	18,384	836
9512	Land, Min, Wildlife/forest Con	14,013	798

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
9999	Nonclassifiable Establishments	11,268,937	768
3511	Turbines & Turbine Generator	121,249	768
2493	Reconstituted Wood Products	8,503,663	738
8221	Colleges, Univ & Prof Schools	103,397	738
2789	Bookbinding & Related Work	405,128	716
3412	Metal Barrels, Drums and Pails	9,760	713
3562	Ball and Roller Bearings	7,128,047	660
3499	Fabricated Metal Products NEC	37,017	632
1221	Bituminous Coal & Lig, Surface	18,624,247	603
8731	Commercial Physical Research	483,530	602
3743	Railroad Equipment	131,090	491
2952	Asphalt Felt and Coatings	229,016	482
3356	Roll, Draw & Extrud Nonferrous	737,982	456
9111	Executive Offices	19,784	411
3721	Aircraft	117,334	398
3089	Plastics Products, NEC	1,825,500	375
2033	Canned Fruits, Veg, Pres, Jam	1,300,561	364
9511	Air & Water Res & Sol Wste Mgt	819,722	336
2046	Wet Corn Milling	6,338,153	325
0273	Animal Aquaculture	3,703,974	304
2251	Women's Full/knee Length Hosry	30,172	302
4959	Sanitary Services, NEC	582,210	287
3671	Electron Tubes	4,713	283
3483	Ammunit., Exc. For Small Arms	322,563	274
3497	Metal Foil and Leaf	39,285	270
3519	Internal Combustion Engines,	24,094	266
2841	Soap/deterg Exc Special Cleanr	381,096	258
3625	Relays and Industrial Controls	104,582	248
4612	Crude Petroleum Pipelines	6,489,012,686	247
3613	Switchgear & Switchboard Appar	4,075	239
9199	General Government, NEC	158,697	231
2041	Flour & Other Grain Mill Prod	24,762	223
3661	Telephone/telegraph Apparatus	490	214
0921	Fish Hatcheries and Preserves	621,701	197

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
5159	Farm-product Raw Materials	12,648,040	189
1629	Heavy Construction, NEC	57,150	186
2436	Softwood Veneer and Plywood	29,356	177
3482	Small Arms Ammunition	76,318	169
2047	Dog and Cat Food	34,745	166
1099	Metal Ores, NEC	54,212,411	165
3354	Aluminum Extruded Products	25,074	152
1422	Crushed and Broken Limestone	74,694,538	110
3489	Ordnance and Accessories, NEC	32,282	110
3965	Fasteners, Buttons, Needles	4,761	108
4011	Railroads, Line Haul Operating	18,877	103
4013	Railroad Switching & Term Estab	72,559	102
3523	Farm Machinery and Equipment	21,858	100
2035	Pickled Frts & Veg. Sauces	3,473,331	99.0
3648	Lighting Equipment, NEC	7,352	94.7
5171	Petroleum Bulk Stations & Terminals	763,494,122	90.0
3011	Tires and Inner Tubes	107,973	89.9
2891	Adhesives and Sealants	1,395,987	89.7
3691	Storage Batteries	16,769	88.5
2951	Paving Mixtures and Blocks	45,161	83.6
2281	Yarn Spin Mills:cotton, Mm Fib	347,611	80.8
3624	Carbon and Graphite Products	103,269	80.1
2999	Prod of Petroleum & Coal, NED	1,062,424	76.3
2048	Prep Feeds & Ingred for Anima	196,815	73.5
2092	Fre or Froz Pck Fish, Seafood	146,637,129	71.6
3751	Motorcycles, Bicycles and Part	42,550	68.0
1222	Bituminous Coal & Lig, Undergr	5,333,584	67.2
2297	Nonwoven Fabrics	62,017	54.8
3711	Motor Vehicles & Car Bodies	16,706	49.4
3949	Sporting & Athletic Goods, NEC	36,430	47.9
3761	Guided Missiles & Space Vehicl	13,875	46.3
6552	Land Subdividers & Dev, ex Cem	326,772	45.7
2023	Condensed and Evaporated Milk	52,636	44.7
8733	Noncommercial Research Organi	2,789,840	43.5

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
3352		458,056	36.5
2062	Cane Sugar Refining	1,593,700	34.1
2013	Sausages & Prepared Meat Prod	257,711	28.0
4789	Transportation Services, NEC	14,797,057	27.2
3469	Metal Stampings, NEC	15,118	24.7
3812	Search & Navigation Equipment	221,694	21.4
3728	Aircraft Parts and Equip, NEC	1,057	21.0
3463	Nonferrous Forgings	3,708	18.3
3663	Radio & Tv Communication Equip	6,480	18.0
3083	Laminated Plastics Plate/sheet	113,838	17.3
3442	Metal Doors, Sash, and Trim	619,767	15.9
3585	Refrigeration & Heating Equip	1,240	15.4
3639	Household Appliances, NEC	20,090	14.2
3559	Special Industry Machinery, NEC	117,017	13.1
2843	Surf Active Agent, Fin Agents	52,647	11.5
8734	Commercial Testing Laboratory	1,160,829	9.84
3632	Household Refrig. & Freezers	1,572	9.76
6512	Oper of Nonresidential Bldgs	52,861	8.96
2284	Thread Mills	423,467	7.12
3423	Hand and Edge Tools, NEC	172	6.56
3325	Steel Foundries, NEC	19,146	6.54
2844	Perfumes,cosmetics,toilet Prep	71,844	6.00
1094	Uranium-radium-vanadium Ores	875,044	5.79
4213	Trucking, Except Local	48,010	5.79
3822	Environmental Controls	602	5.34
3274	Lime	96,196	5.10
1044	Silver Ores	620	4.84
5169	Chemicals and Allied Products	81.9	4.16
3355	Aluminum Rolling & Drawing Nec	6,377	4.11
3541	Machine Tools, Metal Cutting	49.2	4.00
8062	Gen. Medical/surgical Hospital	6,610	3.44
3565	Packaging Machinery	30.7	3.43
2141	Tobacco Stemming and Redrying	128,929	3.23
3053	Gaskets, Packing & Sealing Dev	5,843	3.00

**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
3431	Metal Sanitary Ware	2,853	2.91
8063	Psychiatric Hospitals	3,150	2.74
3545	Machine Tool Accessories	10.3	1.93
3633	Household Laundry Equipment	13,808	1.82
1382	Oil and Gas Field Exploration	1,436,488	1.18
3262	Vit China Table & Ktchn Arti	512	1.11
3646	Commercial Lighting Fixtures	5,187	0.527
2253	Knit Outerwear Mills	171,889	0.316
3251	Brick and Structural Clay Tile	590	0.278
3496	Misc. Fabricated Wire Products	9.60	0.161
2499	Wood Products, NEC	3,203,486	0.0375
3567	Industrial Furnaces and Ovens	839	0.0033
3679	Electronic Components, NEC	888	0.000248
2022	Cheese, Natural and Processed	215,330	0.00000177
2411	Logging	40,081,015	0
5082	Const & Mining Machine & Equip	7,307,832	0
2075	Soybean Oil Mills	1,218,240	0
2061	Cane Sugar, Except Refine Only	951,961	0
0254	Poultry Hatcheries	228,663	0
2067	Chewing Gum	179,968	0
2026	Fluid Milk	171,299	0
2096	Potato Chips & Similar Snacks	144,320	0
5172	Petrol & Pet Prod Wholesalers	21,049	0
3996	Hard Surface Floor Coverings	13,075	0
2992	Lubricating Oils and Greases	2,524	0
3069	Fabricated Rubber Products, NEC	378	0
5065	Electronic Parts and Equipment	236	0
2076	Veg. Oil Mills, Except Corn	11.6	0
1311	Crude Petroleum & Natural Gas	0	0
2254	Knit Underwear Mills	0	0
3273	Ready-mixed Concrete	0	0
3448	Prefabricated Metal Buildings	0	0
3452	Bolts, Nuts, Rivets & Washers	0	0
7384	Photofinishing Laboratories	0	0



**Table 1-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
2842	Specialty Cleaning, Polishing	0	0
3491	Industrial Valves	0	0

Source: *PCSLoads2002\_v01*.

**Table 1-B. Pollutant Parameter TWPE Totals in PCSLoads2002**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
39400	Toxaphene	2	126	3,772,766
FLUOR	Fluoride	197	48,776,764	1,707,187
DIOXI	Dioxin	2	0.00220	1,545,301
39700	Hexachlorobenzene	21	577	1,123,955
CHLOR	Chlorine	572	1,466,853	746,866
SULF	Sulfide	141	229,448	642,786
ZINC	Zinc	804	10,416,933	488,408
ALUM	Aluminum	225	7,050,712	456,119
IRON	Iron	375	81,051,082	453,886
LEAD	Lead	395	186,114	416,895
CU	Copper	770	561,387	356,381
BORON	Boron	50	1,910,178	338,513
MERC	Mercury	154	2,760	323,297
ARSEN	Arsenic	155	65,007	262,714
CN	Cyanide	247	233,160	260,422
CADM	Cadmium	177	11,231	259,622
SILVR	Silver	111	15,532	255,823
MOLY	Molybdenum	29	1,035,736	208,637
PCB	Polychlorinated Biphenyls (PCB)	10	5.22	177,516
77041	Carbon Disulfide	2	60,047	168,141
MN	Manganese	135	10,707,140	154,536
00615	Nitrogen, Nitrite Total (As N)	34	291,627	108,874
00620	Nitrogen, Nitrate Total (As N)	103	19,057,773	106,724
39500	Pcb-1248 (Arochlor 1248)	3	7.67	70,105
SELEN	Selenium	125	49,591	55,609
34247	Benzo(a)pyrene	37	479	48,192
00630	Nitrite plus Nitrate Total 1 Det. (As N)	98	8,491,194	47,551
77700	Carbaryl Total	1	153	42,918
N	Nitrogen, Ammonia	781	26,005,273	39,148
32102	Carbon Tetrachloride	28	90,187	30,925
CHROM	Chromium	426	333,093	25,214
CL	Chloride	155	716,775,530	17,452
TIN	Tin	19	44,433	13,378

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
39496	Pcb-1242 (Arochlor 1242)	2	1.33	12,108
34215	Acrylonitrile	26	5,305	12,091
CHRM6	Chromium, Hexavalent	122	23,358	12,066
34526	Benzo(a)anthracene	21	320	11,588
NICKL	Nickel	365	106,387	11,587
34320	Chrysene	20	344	10,658
34242	Benzo(k)fluoranthene	20	306	9,369
MG	Magnesium	15	9,523,002	8,242
79531	3,4 Benzofluoran- Thene	9	265	8,134
PHENL	Phenol & Phenolics	299	224,384	6,283
SO4	Sulfate	170	1,032,279,499	5,781
VANAD	Vanadium	20	164,871	5,770
38691	2,3,7,8 Tetrachloro-dibenzo Furan (TCDF)	2	0.000100	4,395
39504	Pcb-1254 (Arochlor 1254)	2	0.446	4,078
CO	Cobalt	9	25,488	2,913
39508	Pcb-1260 (Arochlor 1260)	3	0.315	2,877
00730	Thiocyanate (As Scn)	2	21,605	2,630
34230	Benzo(b)fluoranthene (3,4-benzo)	13	71.1	2,181
00937	Potassium, Total (As K)	4	1,594,396	1,678
TRICH	Trichloroethylene	65	84,572	1,613
00613	Nitrite Nitrogen, Dissolved (As N)	1	4,093	1,528
39570	Diazinon	1	2.16	1,344
TETRA	Tetrachloroethylene	50	5,460	1,276
BA	Barium	54	615,339	1,225
34220	Anthracene	20	466	1,187
AMMON	Ammonia	63	767,548	1,155
77835	Hexachlorocyclohexane (BHC) Total	1	14.8	1,038
THALL	Thallium	18	1,010	1,037
34381	Fluorene	24	1,332	934
34273	Bis (2-chloroethyl) Ether	2	792	842
39100	Bis (2-ethylhexyl) Phthalate	62	3,224	821
34556	Dibenzo (A,h) Anthracene	1	22.5	691
39120	Benzidine	1	0.237	667

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
DCPRO	1,3-dichloropropene	17	1,098	620
70314	Daconil (C8Cl4N2)	1	83.0	613
81313	Hydrazine	12	7,784	488
77165	Hydroquinone	1	370	472
39310	4,4'-ddd (P,p'-ddd)	3	0.249	471
39941	Roundup	1	10,300	466
34657	4,6-dinitro-o-cresol	19	3,672	395
CALC	Calcium	8	13,853,359	388
39702	Hexachlorobutadiene	14	535	339
71850	Nitrogen, Nitrate Total (As NO3)	5	56,928	319
34376	Fluoranthene	20	377	313
00698	Boric Acid	1	519,734	312
71855	Nitrogen, Nitrite Total (As NO2)	3	835	312
BHCA	Bhc-alpha	2	2.69	309
34611	2,4-dinitrotoluene	18	525	234
LITH	Lithium	7	19,347	233
34391	Hexachlorobutadiene	3	364	230
BENZ	Benzene	66	5,444	172
81552	Acetone	9	20,098,125	170
34396	Hexachloroethane	19	929	168
34461	Phenanthrene	23	566	167
ANTMN	Antimony	32	13,366	164
34541	1,2-dichloropropane	23	3,725	147
EDC	1,2-dichloroethane	45	9,024	143
39175	Vinyl Chloride	27	1,556	133
01154	Tungsten, Total	3	21,609	114
34696	Naphthalene	40	7,052	112
34501	1,1-dichloroethylene	24	625	110
34571	1,4-dichlorobenzene	27	1,283	98.5
TITAN	Titanium	11	3,282	96.2
NA	Sodium	18	15,240,232	83.7
BERYL	Beryllium	12	64.4	68.1
77969	Chlorpyrifos	1	0.450	62.0
34626	2,6-dinitrotoluene	17	558	61.4

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
CHCL3	Chloroform	134	29,212	60.7
34452	Parachlorometa Cresol	1	43.9	58.4
46313	Phorate	1	0.546	53.4
39480	Methoxychlor	1	0.265	52.6
34469	Pyrene	18	525	48.9
34601	2,4-dichlorophenol	18	488	48.3
71871	Bromine Reported as the Element	2	3,936	47.9
74015	Phenols, Chlorinated	2	143	43.3
71875	Hydrogen Sulfide	1	13.1	36.8
01082	Strontium,total (As Sr)	17	1,539,663	34.1
34511	1,1,2-trichloro- Ethane	28	929	33.8
34616	2,4-dinitrophenol	18	4,085	33.2
39032	Pentachlorophenol	2	56.7	31.7
34418	Methyl Chloride	25	5,707	30.6
82388	1,4_____Dioxane	4	48,813	30.3
BHCB	Bhc-beta	3	0.855	28.2
34586	2-chlorophenol	17	488	27.4
81551	Xylene	14	6,294	27.2
34551	1,2,4-trichloro-benzene	22	946	24.1
32105	Dibromochloro-methane	2	538	23.9
TOL	Toluene	64	4,108	23.1
77111	Triethylamine	1	156,852	23.1
77015	Isopropanol	2	3,990	22.3
BHCG	Bhc-gamma	3	0.298	20.9
81597	Methyl Methacrylate	2	68,051	20.4
39110	Di-n-butyl Phthalate	28	1,614	20.1
34646	4-nitrophenol	19	3,969	19.4
32101	Dichlorobromomethane	7	568	18.7
34438	N-nitrosodimethyl-amine	1	97.4	18.2
34621	2,4,6-trichloro-phenol	5	36.1	18.0
34447	Nitrobenzene	27	1,623	16.6
71880	Formaldehyde	7	7,014	16.3
00386	Ozone - Residual	1	34.8	15.6
39161	Alachlor (Brand Name-lasso)	1	8.40	14.9

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
01257	Cyanide (a)	1	13.4	14.9
30383	Benzene,ethylbenzenetoluene,xylene Combn	10	1,377	14.8
34566	1,3-dichlorobenzene	24	1,019	14.1
71800	Urea	2	117,197	13.1
34205	Acenaphthene	19	377	12.3
34536	1,2-dichlorobenzene	27	1,125	11.8
39300	4,4'-ddt (P,p'-ddt)	2	0.00128	10.5
32104	Bromoform	6	1,996	9.11
39770	Dacthal	1	114	8.69
34606	2,4-dimethylphenol	19	908	8.54
81520	Chlorobutadiene (Chloroprene)	1	75.4	8.46
34403	Indeno (1,2,3-cd) Pyrene	1	0.247	7.56
82088	Terbufos (Counter) Total	1	0.546	7.50
81651	Bisphenol-a	1	3,161	7.44
34292	Butyl Benzyl Phthalate	1	283	6.91
CLETH	Chloroethane	22	1,865	5.95
82516	Trichlorobenzene	1	15.2	5.40
03615	2-methyl-4,6-dinitrophenol	1	49.2	5.29
34506	1,1,1-trichloro-ethane	29	933	4.38
34200	Acenaphthylene	18	418	3.52
DCM	Dichloromethane	61	3,208	3.25
34301	Chlorobenzene	37	1,040	3.05
77770	2,3,4,6-tetrachloro-phenol	2	42.8	2.35
49543	N,n-dimethylaniline	1	252	1.97
38677	Bromomethane	1	32.4	1.94
34341	Dimethyl Phthalate	18	584	1.92
34591	2-nitrophenol	19	1,078	1.75
73037	3,4,5 Trichloro-catechol	1	51.7	1.61
38533	Propablor (Ramrod) Dissolved	1	4.20	1.39
81596	Methyl Isobutyl Ketone (MIBK)	1	8,145	1.25
77089	Aniline	1	170	1.17
38693	Bromodichloromethaneeffluent	2	32.5	1.07
77885	Methanol, Total	2	50,924	0.742

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
34371	Ethylbenzene	21	485	0.685
STYRN	Styrene	2	47.7	0.670
37371	Ethyl Benzene	10	472	0.666
39650	Diuron	1	1.48	0.661
34408	Isophorone	2	552	0.603
81360	Trinitrotoluene (Tnt), Total	2	27.0	0.586
34336	Diethyl Phthalate	19	575	0.396
34496	1,1-dichloroethane	20	759	0.390
81607	Tetrahydrofuran	2	3,948	0.357
85813	Tolytriazole	1	168	0.303
81524	Dichlorobenzene	2	29.2	0.239
46225	Chloride	1	8,859	0.216
34488	Trichlorofluoro-methane	3	173	0.190
34306	Chlorodibromomethane	2	4.21	0.187
77093	Cis-1,2-dichloro-ethylene	4	25.1	0.184
77146	P-cresol	1	23.8	0.169
34631	3,3'-dichloro-benzidine	1	0.00736	0.145
39053	Aldicarb	1	0.195	0.118
39730	2,4-dichlorophenoxyacetic Acid	2	15.0	0.117
78028	Tetrachlorobenzene	1	6.66	0.117
77035	2-methyl-2-propanol	1	3,099	0.0981
34516	1,1,1,2-tetrachloro-ethane	1	0.637	0.0897
TRANS	Trans-1,2-dichloroethene	23	921	0.0847
77860	Butachlor	1	10.5	0.0774
34278	Bis (2-chloroethoxy) Methane	1	183	0.0557
34728	Xylene, Para- Total	1	7.17	0.0510
81405	Carbofuran	1	0.815	0.0493
38765	Deet	1	35.3	0.0264
22417	Methyl Tert-butyl Ether	7	241	0.0203
39320	4,4'-dde (P,p'-dde)	1	0.0000036	0.00914
78113	Ethyl Benzene	1	4.21	0.00594
34521	Benzo(ghi)perylene	1	0.00714	0.00214
04146	Isopropyl Acetate, Total Effluent	1	20.9	0.00145
77045	Pyridine	1	0.332	0.00100

**Table 1-B (Continued)**

<b>Pollutant Parameter Code</b>	<b>Parameter Description</b>	<b>Number of Majors Reporting</b>	<b>Total Annual Pounds</b>	<b>Total TWPE (lb-eq/yr)</b>
81553	Acetophenone	1	1.64	0.000549
34576	2-chloroethyl Vinyl Ether (Mixed)	1	6.00	0.000437
82196	Hexamethyl-Phosphoramine(HMPA)	1	6.93	0.0000520
77970	Chlorotoluene	1	0.0600	0.0000454
77003	Dimethylamine	1	0.00659	0.00000410
BHCD	BHC-delta	1	0.00000085	0.000000030

Source: *PCSLoads2002\_v01*.



**Table 1-C. SIC Code Rankings for TRIRelases2002**

SIC Code	SIC Description	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Number of Facilities Reporting Releases to any Medium	Total Pounds Released	TWPE (lb-eq/yr)
2812	Alkalies and Chlorine	13	0	2	28	476,486	6,872,100
2869	Indust. Organic Chemicals NEC	114	136	27	476	46,177,772	3,065,075
2611	Pulp Mills	68	4	1	76	10,752,129	1,693,758
2621	Paper Mills	80	22	7	151	6,588,105	1,321,935
3353	Aluminum Sheet, Plate and Foil	8	5	1	32	24,042	936,540
3312	Blast Furn/steel Works/rolling	82	10	25	148	35,355,717	825,466
4911	Electrical Services	320	12	18	639	3,016,275	801,012
2911	Petroleum Refining	96	19	15	164	18,426,621	498,577
3861	Photographic Equip & Supplies	2	17	1	40	1,054,292	352,668
2821	Plstc Mat./syn Resins/nv Elast	76	106	19	403	4,362,035	274,224
4953	Refuse Systems	13	26	8	113	653,552	220,577
2819	Industrial Inorganic Chemicals	58	79	30	351	7,034,778	145,423
2816	Inorganic Pigments	12	9	7	50	2,330,600	133,979
3398	Metal Heat Treating	2	15	1	118	310,586	100,761
2631	Paperboard Mills	49	28	2	101	2,770,736	91,732
2491	Wood Preserving	54	4	20	294	20,593	69,129
3482	Small Arms Ammunition	3	4	3	26	139,080	67,009
3714	Motor Vehicle Parts & Accessor	19	179	50	642	470,533	63,165
3069	Fabricated Rubber Products,nec	9	49	10	216	302,294	59,147
3089	Plastics Products, NEC	5	34	4	670	326,913	57,152
3011	Tires and Inner Tubes	8	17	25	72	17,524	51,713
2865	Cyclic Crudes Interm., Dyes	29	38	4	106	1,814,046	46,287
3469	Metal Stampings, NEC	6	48	1	162	201,422	44,030
3949	Sporting & Athletic Goods, NEC	3	8	2	55	162,252	42,842
2899	Chemicals & Chem Prep, NEC	17	79	10	339	756,377	42,354
3061	Mechanical Rubber Goods	5	17	8	70	180,107	41,374
2834	Pharmaceutical Preparations	4	58	8	133	925,234	39,839
3494	Valves and Pipe Fittings, NEC	4	19	6	69	26,008	39,390

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3081	Unsupported Plastics Film/sheet	6	17	6	77	575,286	39,272
3711	Motor Vehicles & Car Bodies	1	52	12	86	596,739	36,865
3321	Gray Iron Foundries	50	27	10	221	198,927	36,638
3465	Automotive Stampings	0	17	4	55	121,695	36,608
4941	Water Supply	1	1	1	3	69,472	35,361
3471	Plating and Polishing	21	414	35	643	2,189,897	34,851
3633	Household Laundry Equipment	0	5	2	10	528,753	32,489
1031	Lead and Zinc Ores	11	0	0	13	111,021	31,594
2082	Malt Beverages	4	12	1	22	3,207,251	30,145
3425	Hand Saws and Saw Blades	0	3	0	11	79,531	29,692
3624	Carbon and Graphite Products	4	7	1	38	37,252	26,328
3341	Secondary Smelt/nonferrous Metals	44	23	14	182	225,822	25,625
2671	Coated & Laminated Packaging	1	1	0	50	17,300	20,596
2823	Cellulosic Man-made Fibers	2	0	1	5	574,126	20,124
3053	Gaskets, Packing & Sealing Dev	1	11	3	58	51,423	17,699
3331	Primary Smelting & Copper Refin	2	2	0	6	7,447	15,928
2211	Broad Woven Fabric Mills, Cotton	0	5	2	16	44,073	15,790
2879	Pesticides & Agricultural Chem	17	13	5	123	1,503,088	15,678
2861	Gum and Wood Chemicals	8	4	1	27	159,190	15,611
3339	Primary Smelt/nonferrous Metals	6	5	3	30	2,052,611	14,983
1041	Gold Ores	8	4	0	34	201,623	14,537
2011	Meat Packing Plants	18	22	5	78	33,065,504	14,471
1021	Copper Ores	5	0	0	17	20,773	13,937
2038	Frozen Specialties, NEC	2	10	1	26	70,252	13,326
2252	Hosiery, Nec	0	1	0	1	24,231	12,338
9711	National Security	30	5	6	191	1,611,917	11,546
3751	Motorcycles, Bicycles and Part	0	4	0	11	34,871	9,614
3546	Power Driven Hand Tools	1	6	1	17	28,052	9,410
9511	Air & Water Res & Sol Wste Mgt	3	0	0	8	304,745	8,220

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3366	Copper Foundries	12	10	8	84	2,439	8,020
2833	Medicinal Chem/botanical Produ	10	30	3	61	1,298,221	8,004
3499	Fabricated Metal Products NEC	12	76	15	330	67,463	7,311
2141	Tobacco Stemming and Redrying	1	6	2	15	332,203	6,919
2844	Perfumes,cosmetics,toilet Prep	0	21	0	43	125,139	6,903
3632	Household Refrig. & Freezers	1	5	0	16	21,292	6,592
3334	Primary Production of Aluminum	11	0	2	21	37,626	6,391
2824	Syn Org Fibers,except Cellulos	9	11	2	40	1,590,482	6,200
3951	Pens & Mechanical Pencils	0	2	1	11	11,981	6,096
2075	Soybean Oil Mills	4	35	3	60	1,716,029	5,887
3479	Metal Coating & Allied Servic	40	59	3	332	222,767	5,406
1099	Metal Ores, NEC	2	0	0	6	185,772	5,302
2873	Nitrogen Fertilizers	33	3	2	61	4,869,406	5,286
3429	Hardware, NEC	2	24	10	68	31,166	5,285
3585	Refrigeration & Heating Equip	4	54	12	190	120,296	5,144
3613	Switchgear & Switchboard Appar	3	16	3	68	27,959	4,049
3672	Printed Circuit Board	2	189	20	326	196,875	4,046
3351	Roll/draw/extruding of Copper	14	20	17	80	14,391	3,957
2992	Lubricating Oils and Greases	10	20	4	144	219,046	3,836
2046	Wet Corn Milling	4	8	6	35	2,205,608	3,741
2015	Poultry Slaughtering & Process	59	27	7	145	24,004,752	3,701
4931	Elec & Other Services Combined	19	3	3	45	44,648	3,624
3313	Electrometallurgical Products	5	2	1	15	248,391	3,541
3531	Construction Machinery	5	19	1	79	21,552	3,511
3713	Truck & Bus Bodies	1	6	0	67	23,299	3,427
3111	Leather Tanning and Finishing	1	22	4	36	497,471	3,399
3317	Steel Pipe and Tubes	17	15	9	79	703,077	3,341
3731	Ship Building and Repairing	13	2	6	53	24,090	3,325
2013	Sausages & Prepared Meat Prod	5	10	2	49	2,645,522	3,318

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3316	Cold Rolled Steel Sheet/strip	11	8	4	56	4,930,644	3,020
3519	Internal Combustion Engines,	3	25	1	39	43,425	2,929
3674	Semiconductors & Related Devic	4	87	6	169	3,301,630	2,860
3691	Storage Batteries	3	27	28	67	56,663	2,817
3451	Screw Machine Products	0	23	2	86	23,119	2,722
2822	Syn Rubber (Vulcan Elastomers)	8	11	0	34	523,334	2,705
2262	Finish of Brd Wov Fab/man-made	5	6	0	19	46,856	2,623
9199	General Government, NEC	1	0	0	11	4,910	2,500
2813	Industrial Gases	5	1	1	82	23,434	2,409
3354	Aluminum Extruded Products	9	26	11	90	847,172	2,405
2037	Frozen Frts, Frt Juices & Veg	8	5	1	56	7,711,721	2,330
3241	Cement, Hydraulic	11	0	0	109	761	2,009
3229	Pressed & Blown Glass & Gware	9	13	10	58	179,941	1,994
2999	Prod of Petroleum & Coal, NEC	6	0	0	22	5,697	1,839
3523	Farm Machinery and Equipment	1	7	3	70	7,419	1,830
3322	Malleable Iron Foundries	2	1	1	5	818	1,822
3315	Steel Wire Draw & Steel Nails	6	36	14	92	107,285	1,792
2033	Canned Fruits, Veg, Pres, Jam	0	2	1	21	17,509	1,698
2843	Surf Active Agent, Fin Agents	3	31	4	74	108,168	1,683
3357	Draw/insulat of Nonferrous Wir	22	30	30	166	3,481	1,651
2099	Food Preparations, NEC	1	19	3	65	239,407	1,488
5171	Petroleum Bulk Stations & Term	139	27	17	599	16,514	1,461
2421	Sawmills & Planing Mills, Gen	12	2	0	186	1,052	1,380
3497	Metal Foil and Leaf	0	0	1	7	1,082	1,297
1221	Bituminous Coal & Lig, Surface	21	0	0	55	150,684	1,268
3443	Fab Plate Work (Boiler Shops)	16	18	4	145	1,028,152	1,217
3743	Railroad Equipment	7	4	2	31	1,932	1,215
3561	Pumps and Pumping Equipment	4	6	4	64	2,609	1,213
3498	Fabricated Pipe and Fittings	21	17	3	59	8,424	1,156

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3399	Primary Metal Products, NEC	11	18	12	109	440,310	1,098
1044	Silver Ores	1	0	0	3	4,351	1,087
1222	Bituminous Coal & Lig, Undergr	6	0	0	27	4,454	1,086
3356	Roll, Draw & Extrud Nonferrous	10	13	7	59	406,182	1,051
2842	Specialty Cleaning, Polishing	1	39	0	138	24,584	1,048
3432	Plumb Fixture Fittings & Trim	3	12	9	34	9,344	997
8999	Services, NEC	1	0	0	1	2,173	964
3669	Communications Equipment, NEC	1	14	0	60	443	955
3724	Aircraft Engines & Engine Part	5	38	13	83	142,380	898
2493	Reconstituted Wood Products	6	13	4	107	42,232	863
3671	Electron Tubes	1	4	4	19	124,424	821
2874	Phosphatic Fertilizers	16	1	1	34	183,871	796
3369	Nonferrous Foundries, Exc Alum	9	12	6	57	98,871	785
3423	Hand and Edge Tools, NEC	2	15	3	38	14,676	781
3087	Custom Compounded Purch. Resin	10	34	9	200	1,794	752
2875	Fertilizers, Mixing Only	7	1	0	57	10,371	698
9512	Land, Min, Wildlife/forest Con	1	0	0	5	300	672
3052	Rubber & Plastics Hose & Belt	3	20	14	72	5,533	667
5169	Chemicals and Allied Products	6	40	0	464	9,698	583
2273	Carpets and Rugs, NEC	1	12	1	49	14,915	580
2261	Finish of Brd Wov Fab of Cottn	2	8	0	22	74,028	574
3678	Connectors for Elec Applicatio	2	10	2	36	609,930	556
4925	Mixed,manufac,or Liq Gas Prod	0	0	1	1	210,002	553
3663	Radio & Tv Communication Equip	0	8	1	37	27,999	549
2079	Short, Table Oils, Margerine	0	8	1	22	22,211	544
2851	Paints/varnish/lacquers/enamel	10	57	7	499	82,974	529
2048	Prep Feeds & Ingrid for Anima	5	5	0	403	1,989,600	463
3491	Industrial Valves	2	4	2	41	2,438	523
2895	Carbon Black	8	0	0	20	11.0	514

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3728	Aircraft Parts and Equip, NEC	1	37	6	106	92,780	450
2655	Fiber Cans, Tubes, drums & Prod	0	0	1	2	9,534	447
2095	Roasted Coffee	1	1	0	2	31,821	432
3911	Jewelry, Precious Metal	0	6	1	14	4,350	399
3452	Bolts, Nuts, Rivets & Washers	0	30	3	87	75,446	398
2436	Softwood Veneer and Plywood	5	0	0	50	192	397
3621	Motors and Generators	8	12	2	84	1,056	383
8063	Psychiatric Hospitals	1	0	0	2	750	382
2077	Animal and Marine Fats & Oils	1	13	2	31	340,261	380
3679	Electronic Components, NEC	2	66	7	267	10,079	379
3441	Fabricated Structural Metal	18	9	2	181	3,575	359
3363	Aluminum Die Casting	9	31	3	137	821	336
2269	Finishers of Textiles, NEC	1	7	0	23	20,812	328
3511	Turbines & Turbine Generator	2	6	4	27	16,996	320
3721	Aircraft	2	14	2	38	96,917	319
3571	Electronic Computers	0	5	1	17	28,791	309
2841	Soap/deterg Exc Special Cleanr	0	52	1	135	17,499	301
3643	Current-carrying Wiring Device	1	21	3	65	26,128	296
3295	Mine & Earths, Ground or Treat	7	1	1	66	1,776,070	293
3274	Lime	3	0	0	45	15.4	287
2022	Cheese, Natural and Processed	20	85	0	150	2,489,190	284
2026	Fluid Milk	2	67	1	119	324,747	267
3444	Sheet Metal Work	1	12	1	78	6,759	262
2892	Explosives	10	2	2	40	2,975,721	249
3296	Mineral Wool	6	14	2	58	64,589	249
3264	Porcelain Electrical Supplies	0	5	1	11	1,419	246
3692	Primary Batteries, Dry & Wet	1	4	4	16	1,439	245
3463	Nonferrous Forgings	2	9	3	19	274,509	237
3496	Misc. Fabricated Wire Products	6	19	4	82	2,477	231

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3462	Iron and Steel Forgings	9	23	6	97	35,711	230
3812	Search & Navigation Equipment	0	13	0	46	4,467	223
4952	Sewerage Systems	2	0	0	4	427	217
3534	Elevators and Moving Stairways	0	0	1	7	1,507	217
3995	Burial Caskets	0	3	3	19	839	213
3365	Aluminum Foundries	8	8	4	93	415	212
3612	Transformers	3	14	1	41	7,202	205
3914	Silverware and Plated Ware	1	4	0	11	15,956	203
3255	Clay Refractories	1	0	0	12	2.00	201
3999	Manufacturing Industries, Nec	3	17	2	122	138,892	198
3492	Fluid Power Valves & Hose Fitt	0	16	0	29	1,081	187
2672	Coated & Laminated, NEC	1	20	0	90	18,543	185
3639	Household Appliances, NEC	1	2	1	18	7,575	171
2296	Tire Cord and Fabric	0	6	2	18	6,792	143
2047	Dog and Cat Food	2	1	0	23	338,724	136
3548	Welding Apparatus	0	6	3	21	1,710	133
3524	Lawn and Garden Equipment	1	4	1	20	1,710	133
3641	Electric Lamps	1	9	3	28	21,599	133
3965	Fasteners, Buttons, Needles	1	4	0	10	9,270	131
8731	Commercial Physical Research	2	0	0	3	71,060	128
3829	Measuring & Controlling Device	0	6	0	27	3,697	127
5032	Brick, Stone & Relat Materials	0	1	0	2	56.4	126
3231	Glass Prod Made of Purch. Glas	2	15	1	77	4,326	125
3484	Small Arms	1	7	2	18	1,553	113
2891	Adhesives and Sealants	3	27	1	185	39,347	110
3325	Steel Foundries, NEC	13	10	2	103	1,189	106
3824	Fluid Meters & Counting Device	0	4	0	11	104	101
2299	Textile Goods, NEC	1	1	0	9	762	97.5
2063	Beet Sugar	16	1	0	26	195,283	93.6

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3082	Unsupported Plastics Prof Shap	1	5	1	28	12,177	92.4
2893	Printing Ink	1	9	0	89	21,637	91.5
3761	Guided Missiles & Space Vehicl	1	3	2	9	47,040	90.4
3211	Flat Glass	1	5	2	23	101	88.7
1061	Ferroalloy Ores, Excl Vanadium	3	0	0	7	17,675	87.5
2253	Knit Outerwear Mills	0	3	0	5	1,329	86.4
3842	Surgical Appliances & Supplies	0	11	0	43	7,364	83.9
2295	Coated Fabrics, Not Rubberized	0	4	1	51	37,456	80.8
2752	Commercial Print, Lithographic	0	25	0	87	7,546	78.9
3592	Carburetors,pistons,rings,valu	0	10	5	24	677	78.1
3841	Surgical & Medical Instruments	1	14	1	68	25,578	74.0
2754	Commercial Printing, Gravure	1	16	1	61	745	66.8
2952	Asphalt Felt and Coatings	2	4	0	95	752	65.5
3675	Electronic Capacitors	2	15	2	33	211,466	63.3
3535	Conveyors & Conveying Equipmen	0	3	1	24	681	63.2
2084	Wines, Brandy & Brandy Spirit	0	2	0	15	40,915	61.6
3297	Nonclay Refractories	3	2	1	30	1,397	61.5
2085	Dist, Rectified & Blended Liq	1	1	0	6	3,873	59.8
3625	Relays and Industrial Controls	1	9	1	52	17,320	58.4
3822	Environmental Controls	1	6	1	20	695	54.5
3694	Elec Equip for Int Combust Engi	0	11	2	34	477	52.7
3291	Abrasive Products	0	10	1	32	65,343	52.1
3695	Mag & Optical Recording Media	1	2	2	7	32,384	50.2
3699	Elec Machinery,equip & Supplie	1	8	3	44	30,751	49.8
3795	Tanks and Tank Components	1	0	0	4	80.0	48.7
3562	Ball and Roller Bearings	0	29	5	68	2,409	48.7
3537	Industrial Trucks and Tractors	2	4	0	24	29.8	46.7
3545	Machine Tool Accessories	0	8	1	25	866	46.5
3652	Phonograph Records	0	4	0	5	422	46.0



**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
2086	Bot & Can Soft Drnk & Carb wa	0	6	0	31	31,287	45.8
2836	Biological Prod, Except Diagnos	0	10	0	18	27,864	44.4
2024	Ice Cream and Frozen Desserts	0	13	2	27	46,635	43.4
3577	Computer Peripheral Equip,nec	0	4	0	24	6,667	37.4
2796	Platemaking Services	0	18	0	31	130,929	37.3
3262	Vit China Table & Ktchn Arti cl	1	4	2	8	135	37.0
3569	General Industrial Machinery	0	12	0	33	51,284	36.2
3431	Metal Sanitary Ware	0	3	1	11	182	35.7
2092	Fre or Froz Pck Fish, Seafood	6	0	0	15	176,137	35.1
8733	Noncommercial Research Organi	1	1	2	9	26.6	33.9
3844	X-ray Apparatus and Tubes	1	4	1	9	2,151	33.3
3541	Machine Tools, Metal Cutting	2	2	1	26	876	32.6
2759	Commercial Printing, NEC	1	6	0	29	3,168	31.5
3449	Misc. Structural Metal Work	3	4	3	42	3,418	30.5
3489	Ordnance and Accessories, NEC	1	3	0	11	13,045	27.6
3996	Hard Surface Floor Coverings	0	4	1	11	598	26.9
2023	Condensed and Evaporated Milk	6	36	0	55	421,226	26.5
3533	Oil Field Machinery	4	6	7	51	397	25.5
2522	Metal Office Furniture	0	6	1	28	515	25.3
2771	Greeting Card Publishing	0	2	0	6	3,055	25.3
2653	Corrugated/solid Fiber Boxes	0	3	0	16	40.4	25.1
3364	Nonferrous Die Cast, Exc. Alum	0	4	0	23	115	25.0
3631	Household Cooking Equipment	0	5	1	7	363	24.8
2221	Broad Woven Fabric Mills, Synt	0	1	1	18	13,220	24.5
3275	Gypsum Products	21	1	1	50	258	24.4
3269	Pottery Products, NEC	0	5	0	13	14.0	24.1
2259	Knitting Mills, NEC	1	1	0	3	3,565	23.2
3299	Nonmetallic Mineral Prod, NEC	0	3	0	24	10,141	23.2
9999	Nonclassifiable Establishments	1	0	0	5	2.06	23.0

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
2231	Broad Woven Fabric Mills, Wool	2	0	0	10	517	22.9
7389	Business Services, NEC	0	5	0	115	366	22.1
3324	Steel Investment Foundries	2	11	5	43	209	21.5
3253	Ceramic Wall and Floor Tile	1	7	1	22	514	20.8
3493	Steel Springs, Except Wire	1	2	0	9	343	19.5
2087	Flav Extr & Flav Syrups, NEC	0	5	0	16	25,810	19.4
2258	Warp Knit Fabric Mills	2	1	0	6	2,350	18.9
2062	Cane Sugar Refining	1	0	0	3	302,100	18.7
2284	Thread Mills	0	3	0	6	14,418	18.3
3823	Process Control Instruments	0	7	1	42	449	18.1
3646	Commercial Lighting Fixtures	0	2	2	16	28,052	17.9
3644	Noncurrent-carrying Wiring Dev	0	14	2	33	6,369	17.4
3083	Laminated Plastics Plate/sheet	0	5	2	68	462,949	16.8
3629	Electrical Industrial Apparats	1	10	1	32	46.7	16.6
3594	Fluid Power Pumps and Motors	2	4	0	17	275	15.9
3261	Vitreous China Plumbing Fixtur	3	2	0	7	87.6	14.4
3544	Special Dies/tools/jigs & Fixt	1	1	1	26	55.2	14.1
2111	Cigarettes	1	5	1	12	259,531	13.8
2096	Potato Chips & Similar Snacks	1	6	0	17	219,046	13.6
3411	Metal Cans	1	51	0	129	4,051	12.1
3931	Musical Instruments	0	4	0	20	18.0	12.1
2951	Paving Mixtures and Blocks	1	0	0	150	0.118	11.9
3993	Signs and Advertising Displays	0	6	0	20	10,539	11.8
3251	Brick and Structural Clay Tile	0	1	1	126	817	11.8
2021	Creamery Butter	3	12	0	17	186,903	11.6
3446	Architectural Metal Work	0	2	2	14	6,158	11.6
3845	Electromedical Equipment	0	3	1	13	526	9.07
2297	Nonwoven Fabrics	0	4	1	10	581	9.02
3661	Telephone/telegraph Apparatus	0	3	0	23	3.99	8.94

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3732	Boat Building and Repairing	2	2	0	182	41.7	8.60
3799	Transportation Equipment, NEC	0	5	1	35	43.1	8.53
3272	Concrete Prod Exc Blck & Brick	3	0	0	65	32.8	8.21
3647	Vehicular Lighting Equipment	1	4	0	18	8,970	7.79
3552	Textile Machinery	0	1	0	1	68.5	7.46
3568	Power Transmission Equipment	1	8	0	24	4,549	7.44
3273	Ready-mixed Concrete	11	4	1	165	2,400	7.41
3355	Aluminum Rolling & Drawing NEC	0	1	1	4	9,790	7.32
3088	Plastics Plumbing Fixtures	2	3	0	165	517	7.25
2499	Wood Products, NEC	3	3	0	37	535	7.10
2053	Frozen Bakery Products	0	3	0	7	7,811	6.80
3827	Optical Instruments and Lenses	1	4	0	16	144	6.59
3421	Cutlery	1	3	1	14	65.3	6.46
3825	Instruments to Measure Electri	0	6	0	21	1,632	5.94
3292	Asbestos Products	0	0	1	1	539	5.92
2043	Cereal Breakfast Foods	0	2	0	7	7,346	5.72
3676	Resistors for Elec Application	0	7	0	15	166	5.60
6512	Oper of Nonresidential Bldgs	0	1	0	1	3,999	5.36
2032	Canned Specialties	0	6	1	11	48,890	5.06
3843	Dental Equipment and Supplies	0	4	0	14	5.29	5.02
2282	Yarn Text, Throw, Twist & Wind	0	1	0	4	3,717	4.98
2531	Public Building/related Furnit	1	2	2	27	49.8	4.48
3572	Computer Storage Devices	0	4	0	5	8,247	4.46
3589	Service Industry Machinery	1	4	0	37	6,272	4.15
2431	Millwork	0	3	0	37	50.6	3.77
3821	Lab Apparatus & Furniture	1	0	0	11	5.00	3.69
3792	Travel Trailers & Campers	1	0	0	44	260	3.53
3547	Rolling Mill Machinery	1	0	0	11	13.0	3.41
3495	Wire Springs	0	3	0	5	23.8	3.32

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
2097	Manufactured Ice	0	1	0	10	2,135	3.21
2064	Candy & Other Confection Prod	0	4	0	5	42,273	2.62
8744	Facilities Support Services	1	1	0	2	1,160	2.60
3556	Food Products Machinery	0	5	1	19	19.3	2.57
2322	Men's & Boys Underwear & Night	1	0	0	1	5.00	2.55
3553	Woodworking Machinery	1	0	0	3	9.21	2.54
3600		0	1	0		1.13	2.53
3086	Plastics Foam Products	1	4	0	222	182	2.45
2439	Structural Wood Members, NEC	0	3	0	17	76.7	2.24
2732	Book Printing	0	5	0	6	2,177	2.20
3563	Air and Gas Compressors	0	2	1	14	34.1	2.17
2066	Chocolate and Cocoa Products	0	2	0	4	1,302	1.96
2835	Diagnostic Substances	0	9	0	18	657	1.86
2034	Dehydrated Fruits, Veg, Soups	0	2	0	9	149	1.83
3582	Commercial Laundry Equipment	0	2	0	3	11.0	1.75
3599	Industrial Machinery, NEC	0	7	0	48	3,903	1.58
2083	Malt	1	0	0	2	1,000	1.51
3483	Ammunit., Exc. For Small Arms	1	2	1	8	2.02	1.45
3554	Paper Industries Machinery	1	1	0	12	7,918	1.41
3433	Heating Equip, Except Electric	0	3	0	15	6.93	1.39
3559	Special Industry Machinery,NEC	0	2	0	34	15,645	1.36
3651	Radio and Tv Receiving Sets	0	3	0	20	953	1.31
3716	Motor Homes	0	1	0	19	0.541	1.21
2514	Metal Household Furniture	0	0	1	8	0.524	1.17
3085	Plastic Bottles	0	1	0	3	873	1.17
3579	Office Machines	0	1	1	6	49.7	1.09
2541	Wood Parti,shelf,lock,etc	0	2	0	15	3.23	1.01
3915	Jewelers' Materials & Lapidary	0	1	0	7	7,997	1.00
2599	Furniture and Fixtures, NEC	0	2	0	11	2.74	0.972

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
3961	Costume Jewelry	0	2	0	4	0.408	0.914
3593	Fluid Power Cylinders & Actuators	0	5	0	16	737	0.868
2542	Metal Parts,shel,lockers	0	3	0	28	4.13	0.747
3826	Analytical Instruments	0	1	0	11	0.318	0.712
3555	Printing Trades Machinery	0	2	0	8	6.82	0.678
3448	Prefabricated Metal Buildings	1	5	0	40	837	0.663
3648	Lighting Equipment, NEC	0	1	0	10	0.384	0.605
2035	Pickled Frts & Veg. Sauces	0	4	0	10	2,281	0.546
3581	Automatic Merchandising Machinery	0	1	0	9	2.61	0.527
2511	Wood Household Furniture, Exc Uphol	0	3	1	116	94.8	0.500
3953	Marking Devices	0	1	0	5	7,835	0.486
3565	Packaging Machinery	0	1	0	3	3.41	0.339
3567	Industrial Furnaces and Ovens	0	1	0	7	3.41	0.339
3645	Residential Lighting Fixtures	0	1	0	11	5,424	0.336
2052	Cookies and Crackers	0	1	0	17	220	0.331
3263	Fine Earthenware	1	0	0	5	0.147	0.328
2435	Hardwood Veneer and Plywood	0	2	0	20	140	0.324
2591	Drape Hardware/window Blinds	0	1	0	8	31.5	0.323
3536	Cranes/hoists/monorail Systems	0	1	0	9	2.45	0.312
3764	Space Propulsion Units & Parts	0	1	0	9	5.90	0.240
3634	Electric Housewares and Fans	0	2	0	6	1,786	0.225
2657	Folding Paperboard Boxes	0	3	0	7	136	0.182
3412	Metal Barrels, Drums and Pails	0	2	0	30	1,635	0.174
2074	Cottonseed Oil Mills	0	5	0	15	3.66	0.129
3442	Metal Doors, Sash, and Trim	1	1	0	58	316	0.126
3021	Rubber and Plastics Footwear	0	1	0	5	1,999	0.124
2396	Automotive Trimmings, Apparel	0	1	0	8	1,955	0.121
2656	Sanitary Food Containers	0	2	0	4	98.6	0.109
5093	Scrap & Waste Materials	1	0	0	3	5.00	0.0954

**Table 1-C (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Number of Facilities Reporting Releases to any Medium</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
2399	Fabricated Textile Products NEC	0	3	0	7	31.5	0.0766
3466	Crowns and Closures	0	1	0	8	0.189	0.0482
2434	Wood Kitchen Cabinets	0	1	0	96	9.83	0.0425
3955	Carbon Paper and Inked Ribbons	1	0	0	5	5.00	0.0281
2076	Veg. Oil Mills, Except Corn	0	5	0	8	0.752	0.0265
3532	Mining Machinery	1	2	1	18	5.98	0.0254
8734	Commercial Testing Laboratory	0	1	0	3	1.19	0.0221
3952	Lead Pencils and Art Goods	0	1	0	4	0.0088	0.0197
2782	Blankbooks,looseleaf Binders	0	1	0	2	0.650	0.0124
3259	Structural Clay Products NEC	1	0	0	3	5.00	0.0100
2051	Bread & Other Bakery Products	0	1	0	7	0.000174	0.00744
3596	Scales and Balances, Exc. Lab	0	1	0	5	0.00226	0.00505
4939	Combination Utilities, NEC	1	0	0	8	1.70	0.00338
2679	Conv Paper & Paperbrd Products	0	1	0	11	0.0950	0.00266
2674	Bags,uncoatd Paper & Multiwall	0	1	0	1	19.9	0.00212
2521	Wood Office Furniture	0	3	0	18	1.98	0.00186
2517	Wood Tv, Radio, Phono Cabinet	0	1	0	2	0.597	0.00117
2512	Wood Household Furn, Upholster	0	1	0	17	0.596	0.00117
3715	Truck Trailers	0	2	0	47	0.200	0.00113
2711	Newspapers: Publishing & Print	0	1	0	3	5.80	0.000618
3084	Plastic Pipe	0	1	0	25	0.000052	0.000341
7692	Welding Repair	1	0	0	1	0.00320	0.000243
3944	Games, Toys & Children's Vehic	0	1	0	3	2.80	0.000174
5047	Medical and Office Equipment	0	1	0	7	0.00320	0.0000010
3851	Ophthalmic Goods	0	2	0	13	2,453	0
2131	Tobacco (Chew & Smok) & Snuff	0	4	0	5	1,791	0
3270		0	1	0	1	0	0
5144	Poultry and Poultry Products	0	1	0	1	0	0

**Table 1-D. Pollutant TWPE Totals in *TRIRelases2002***

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
N150	Dioxin and Dioxin-like Compounds	123	17	11	2.58	2.47	12,544,172
7632000	Sodium Nitrite	45	120	4	4,691,616	4,653,932	1,737,468
1336363	Polychlorinated Biphenyls	6	4	0	37.5	30.9	1,051,434
1918021	Picloram	2	0	0	240,111	240,111	498,021
N020	Arsenic and Arsenic Compounds	181	17	9	102,787	102,067	412,489
N420	Lead and Lead Compounds	1019	1501	330	192,083	150,693	337,553
118741	Hexachlorobenzene	17	4	1	169	156	303,617
N590	Polycyclic Aromatic Compounds	177	32	15	16,010	6,152	273,604
N100	Copper and Copper Compounds	644	1052	325	543,234	427,868	271,620
7782505	Chlorine	121	34	11	474,205	470,156	239,386
N458	Mercury and Mercury Compounds	342	84	14	1,756	1,288	150,820
92875	Benzidine	3	0	0	53.2	53.2	149,868
N450	Manganese and Manganese Compounds	588	422	96	7,439,156	7,182,017	103,658
75150	Carbon Disulfide	11	10	0	168,167	34,708	97,188
N740	Silver and Silver Compounds	12	44	3	6,789	5,896	97,113
7723140	Phosphorus (Yellow or White)	4	4	0	3,567	3,549	74,530
N982	Zinc and Zinc Compounds	667	727	276	1,531,140	1,189,841	55,787
N078	Cadmium and Cadmium Compounds	29	28	12	4,224	2,336	53,998
N725	Selenium and Selenium Compounds	40	6	3	37,062	36,961	41,446
62737	Dichlorvos	0	0	1	10.0	6.24	34,935
N495	Nickel and Nickel Compounds	527	867	191	358,852	288,910	31,466
57749	Chlordane	3	1	0	14.4	14.0	27,876
8001352	Toxaphene	2	1	0	1.67	0.858	25,758
25321146	Dinitrotoluene (Mixed Isomers)	1	1	0	75,561	39,985	25,661
96184	1,2,3-trichloropropane	1	0	0	4,255	4,255	22,400
N770	Vanadium and Vanadium Compounds	179	13	5	601,270	600,477	21,017
123319	Hydroquinone	2	10	2	70,233	15,256	19,438
N090	Chromium and Chromium Compounds	492	708	169	365,396	228,936	17,330

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
7664417	Ammonia	627	486	88	14,408,161	10,686,355	16,087
N511	Nitrate Compounds	541	884	83	400,851,533	222,390,698	13,788
128030	Potassium Dimethyldithiocarbamate	0	2	0	52,844	12,360	11,536
106990	1,3-butadiene	11	5	0	2,117	2,085	10,068
107131	Acrylonitrile	15	23	2	64,228	4,088	9,317
76448	Heptachlor	3	0	0	1.01	1.01	8,615
25376458	Diaminotoluene (Mixed Isomers)	4	2	1	140,183	22,839	7,738
333415	Diazinon	2	0	1	17.0	12.4	7,685
N096	Cobalt and Cobalt Compounds	114	94	37	56,090	54,952	6,280
68359375	Cyfluthrin	1	0	0	26.0	26.0	5,463
108952	Phenol	149	91	27	1,905,645	178,498	4,999
107211	Ethylene Glycol	92	286	19	22,093,773	3,168,268	4,247
N760	Thallium and Thallium Compounds	19	0	0	2,963	2,963	3,043
N040	Barium and Barium Compounds	348	93	30	1,537,768	1,392,342	2,772
107186	Allyl Alcohol	8	3	0	243,075	32,092	2,727
74908	Hydrogen Cyanide	5	4	0	2,502	2,416	2,601
10049044	Chlorine Dioxide	1	5	0	15,963	15,668	2,507
79061	Acrylamide	6	13	0	55,711	4,576	2,376
120127	Anthracene	10	3	1	772	749	1,907
107028	Acrolein	1	5	0	3,468	1,943	1,905
1912249	Atrazine	4	1	1	859	794	1,834
7726956	Bromine	3	1	0	150,015	147,180	1,792
8001589	Creosote	12	3	16	11,770	11,770	1,720
N050	Beryllium and Beryllium Compounds	22	0	1	1,579	1,576	1,665
50000	Formaldehyde	144	127	20	4,821,451	690,792	1,610
150505	Merphos	1	0	0	23.0	23.0	1,549
63252	Carbaryl	2	0	0	5.05	5.05	1,414
75070	Acetaldehyde	126	29	7	2,264,739	497,735	1,097
7429905	Aluminum (Fume or Dust)	23	16	7	56,664	16,354	1,058



**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
128041	Sodium Dimethyldithiocarbamate	1	20	0	49,169	11,504	962
111444	Bis(2-chloroethyl) Ether	3	0	1	1,047	813	864
71432	Benzene	207	65	21	164,703	26,659	845
N010	Antimony and Antimony Compounds	93	90	28	118,612	68,578	840
117817	Di(2-ethylhexyl) Phthalate	8	39	11	5,755	3,124	796
56359	Bis(tributyltin) Oxide	2	0	0	14.4	14.4	738
140885	Ethyl Acrylate	5	24	0	177,074	13,518	700
75218	Ethylene Oxide	4	14	1	124,871	13,781	698
87865	Pentachlorophenol	9	1	6	1,258	1,242	693
75569	Propylene Oxide	4	16	2	98,811	25,986	552
106898	Epichlorohydrin	3	11	0	131,381	77,245	537
91203	Naphthalene	88	41	10	67,125	29,483	468
88857	Dinitrobutyl Phenol	1	0	0	142	142	458
608935	Pentachlorobenzene	3	0	0	118	118	445
1319773	Cresol (Mixed Isomers)	58	11	3	229,588	75,768	371
42874033	Oxyfluorfen	0	1	0	13,228	413	365
120809	Catechol	94	10	0	79,533	21,887	350
95636	1,2,4-trimethylbenzene	107	58	7	110,968	12,656	349
111422	Diethanolamine	26	54	3	1,948,968	194,451	340
123728	Butyraldehyde	6	4	0	1,005,455	80,875	338
62533	Aniline	12	13	1	656,802	46,831	321
1897456	Chlorothalonil	1	1	1	176	41.0	302
100447	Benzyl Chloride	4	3	0	1,083	370	295
121755	Malathion	2	0	0	5.25	5.25	294
106934	1,2-dibromoethane	0	1	0	5.00	2.28	271
191242	Benzo(g,h,i)perylene	74	14	4	889	889	267
80159	Cumene Hydroperoxide	1	4	1	169,028	40,335	266
110543	N-hexane	116	90	11	60,638	7,349	259
92524	Biphenyl	17	10	2	131,484	6,674	244

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
91225	Quinoline	3	1	0	22.0	18.2	243
N106	Cyanide Compounds	43	111	15	145,931	88,286	232
137268	Thiram	2	9	5	1,553	408	231
127184	Tetrachloroethylene	20	15	3	1,918	978	229
108883	Toluene	272	226	34	384,758	39,123	220
142596	Nabam	0	1	0	7,650	765	220
79345	1,1,2,2-tetrachloroethane	3	0	0	1,464	1,464	206
82688	Quintozene	1	0	0	5.00	5.00	193
91941	3,3'-dichlorobenzidine	2	0	0	9.77	9.77	193
85018	Phenanthrene	14	2	2	675	628	185
1330207	Xylene (Mixed Isomers)	211	173	29	351,731	38,904	168
78488	S,s,s-tributyltrithiophosphate	1	0	0	1.00	1.00	150
126998	Chloroprene	2	1	0	28,576	1,295	145
67561	Methanol	256	333	25	70,865,279	9,633,372	140
110827	Cyclohexane	52	19	4	40,329	14,484	130
100425	Styrene	41	69	6	94,194	8,975	126
108054	Vinyl Acetate	13	45	0	379,410	29,850	119
141322	Butyl Acrylate	6	39	0	136,999	9,756	119
56235	Carbon Tetrachloride	9	4	0	556	338	116
123911	1,4-dioxane	15	10	2	258,982	174,773	108
40487421	Pendimethalin	2	1	0	618	617	108
95534	O-toluidine	2	5	0	5,435	386	98.1
64186	Formic Acid	67	14	2	261,955	241,065	89.3
79107	Acrylic Acid	11	38	0	6,852,713	550,904	83.9
137428	Metham Sodium	1	0	0	40.0	40.0	80.0
N230	Certain Glycol Ethers	51	427	11	6,162,313	743,962	79.4
105679	2,4-dimethylphenol	10	3	2	13,850	7,792	73.3
62566	Thiourea	2	1	1	7,975	2,261	70.3
107062	1,2-dichloroethane	19	6	2	4,880	4,367	69.0

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
95954	2,4,5-trichlorophenol	1	0	0	3,603	3,603	64.2
107197	Propargyl Alcohol	0	3	0	20,562	1,633	63.5
99650	M-dinitrobenzene	1	0	0	438	438	62.1
126727	Tris(2,3-dibromopropyl) Phosphate	1	0	0	250	250	58.3
122349	Simazine	2	0	1	88.0	86.8	55.8
26002802	Phenothrin	0	1	0	1,872	1.31	55.0
75014	Vinyl Chloride	11	5	0	994	577	49.3
78875	1,2-dichloropropane	6	0	0	1,229	1,229	48.4
542756	1,3-dichloropropylene	3	0	0	85.0	85.0	48.0
79005	1,1,2-trichloroethane	9	0	0	1,256	1,256	45.6
75092	Dichloromethane	30	59	4	88,673	43,375	43.9
106478	P-chloroaniline	1	1	0	2,796	1,531	42.9
1313275	Molybdenum Trioxide	28	8	7	52,201	51,466	41.2
67663	Chloroform	38	17	1	26,986	19,502	40.5
1163195	Decabromodiphenyl Oxide	6	24	5	135,481	4,339	37.3
122394	Diphenylamine	3	5	0	6,615	1,545	35.1
330541	Diuron	1	1	1	134	71.4	32.0
124403	Dimethylamine	9	9	1	451,924	50,389	31.4
71363	N-butyl Alcohol	39	84	6	3,460,959	295,245	30.2
108601	Bis(2-chloro-1-methylethyl) Ether	1	0	0	1,160	1,160	29.5
100016	P-nitroaniline	0	2	0	92,057	49,987	27.5
75058	Acetonitrile	20	24	3	469,398	123,796	26.4
106467	1,4-dichlorobenzene	3	0	0	338	338	25.9
2212671	Molinate	1	0	0	80.0	80.0	24.7
15972608	Alachlor	2	0	0	13.0	13.0	23.1
95476	O-xylene	6	8	0	21,261	4,861	21.1
100414	Ethylbenzene	167	93	12	67,491	13,344	18.8
133062	Captan	1	0	1	15.0	11.2	18.4
77474	Hexachlorocyclopentadiene	1	1	0	889	15.8	17.0

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
121448	Triethylamine	19	10	2	203,385	114,041	16.8
79016	Trichloroethylene	17	34	6	2,666	849	16.2
75650	Tert-butyl Alcohol	17	13	0	911,417	505,405	16.0
80057	4,4'-isopropylidenediphenol	13	16	1	18,148	6,532	15.4
122667	1,2-diphenylhydrazine	1	0	0	5.00	5.00	15.0
109864	2-methoxyethanol	4	6	0	156,885	42,443	12.0
77736	Dicyclopentadiene	6	4	1	2,558	2,552	11.9
108452	1,3-phenylenediamine	2	3	0	55,386	30,454	11.6
110861	Pyridine	4	12	1	70,800	3,696	11.2
96333	Methyl Acrylate	5	9	0	9,296	896	10.9
534521	4,6-dinitro-o-cresol	0	1	0	185	98.2	10.6
74873	Chloromethane	20	11	0	3,439	1,881	10.1
1634044	Methyl Tert-butyl Ether	85	30	7	179,576	118,078	10.0
98828	Cumene	25	16	3	103,061	2,933	9.91
75274	Dichlorobromomethane	1	0	0	284	284	9.35
100254	P-dinitrobenzene	1	0	0	76.0	76.0	9.33
60515	Dimethoate	1	0	0	5.00	5.00	9.25
78842	Isobutyraldehyde	3	2	0	44,231	4,234	9.08
N084	Chlorophenols	2	0	0	20.0	20.0	8.84
76131	Freon 113	3	1	0	1,450	1,201	7.04
961115	Tetrachlorvinphos	0	1	1	396	48.4	6.94
68122	N,n-dimethylformamide	14	42	1	5,547,502	868,455	6.91
75354	Vinylidene Chloride	3	2	0	43.5	38.9	6.83
74839	Bromomethane	4	1	0	122	114	6.83
84742	Dibutyl Phthalate	5	10	1	2,548	537	6.69
108101	Methyl Isobutyl Ketone	24	46	4	206,843	40,361	6.18
123386	Propionaldehyde	5	4	0	153,961	14,310	6.16
132649	Dibenzofuran	2	2	0	24.0	12.2	6.02
302012	Hydrazine	0	2	1	611	95.9	6.02

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
87683	Hexachloro-1,3-butadiene	2	0	0	9.00	9.00	5.69
90437	2-phenylphenol	0	6	0	3,771	193	5.44
528290	O-dinitrobenzene	1	0	0	56.0	56.0	5.23
82657043	Bifenthrin	0	1	0	2.76	0.00193	4.92
115071	Propylene	7	2	0	10,003	6,631	4.66
106445	P-cresol	3	2	0	1,270	643	4.57
120832	2,4-dichlorophenol	2	0	0	46.0	46.0	4.55
88062	2,4,6-trichlorophenol	2	0	0	9.00	9.00	4.48
95501	1,2-dichlorobenzene	7	1	0	416	415	4.36
121697	N,n-dimethylaniline	1	1	0	640	518	4.05
78933	Methyl Ethyl Ketone	108	79	6	962,822	127,334	3.35
121142	2,4-dinitrotoluene	2	0	0	6.00	6.00	2.67
108394	M-cresol	3	2	0	1,796	860	2.62
541731	1,3-dichlorobenzene	2	0	0	186	186	2.57
95807	2,4-diaminotoluene	1	0	0	5.00	5.00	2.40
51285	2,4-dinitrophenol	1	0	0	284	284	2.31
108907	Chlorobenzene	13	8	0	1,583	758	2.22
94757	2,4-d	3	2	0	513	268	2.09
75252	Bromoform	1	0	0	456	456	2.08
630206	1,1,1,2-tetrachloroethane	3	1	0	36.0	33.1	2.06
75003	Chloroethane	6	1	0	895	633	2.02
98862	Acetophenone	5	10	0	111,964	5,657	1.89
87627	2,6-xylidine	1	1	0	421	421	1.87
55406536	3-iodo-2-propynyl Butylcarbamate	0	13	1	10,280	2,346	1.87
100027	4-nitrophenol	2	0	0	351	351	1.72
1582098	Trifluralin	0	3	0	9.05	0.235	1.54
7664393	Hydrogen Fluoride	15	42	3	278,246	273,774	1.53
96457	Ethylene Thiourea	1	2	0	11.8	8.72	1.36
1918167	Propachlor	1	0	0	4.00	4.00	1.32

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
67721	Hexachloroethane	2	1	0	11.0	7.13	1.29
78886	2,3-dichloropropene	1	0	0	2,274	2,274	1.27
79118	Chloroacetic Acid	1	2	0	2,417	1,496	1.20
120821	1,2,4-trichlorobenzene	1	1	1	265	44.5	1.14
71556	1,1,1-trichloroethane	9	5	0	923	181	0.852
93652	Mecoprop	0	1	0	250	106	0.842
4170303	Crotonaldehyde	1	0	0	51.0	51.0	0.816
101804	4,4'-diaminodiphenyl Ether	1	0	0	258	258	0.722
101779	4,4'-methylenedianiline	1	3	0	1,137	363	0.666
74851	Ethylene	5	5	0	1,810	1,707	0.623
759944	Ethyl Dipropylthiocarbamate	1	0	0	98.0	98.0	0.595
95487	O-cresol	2	0	0	190	190	0.568
98953	Nitrobenzene	4	3	0	65.7	54.1	0.554
106423	P-xylene	5	0	0	103	103	0.494
131113	Dimethyl Phthalate	3	4	0	473	150	0.493
108930	Cyclohexanol	3	5	0	10,187	6,192	0.493
67630	Isopropyl Alcohol(manufacturing,strong-acid Process Only,no Supplier)	0	3	0	1,075	85.3	0.478
834128	Ametryn	2	0	0	13.0	13.0	0.457
106503	P-phenylenediamine	3	4	0	4,942	2,816	0.436
4080313	1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane Chloride	0	0	3	548	308	0.411
330552	Linuron	1	0	0	5.00	5.00	0.404
51235042	Hexazinone	1	0	0	618	618	0.349
1563662	Carbofuran	1	0	0	5.00	5.00	0.303
55630	Nitroglycerin	1	2	0	29.0	7.15	0.290
78922	Sec-butyl Alcohol	10	13	3	163,662	18,107	0.240
21725462	Cyanazine	1	0	0	28.0	28.0	0.160
540590	1,2-dichloroethylene	3	0	0	102	102	0.149

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
107119	Allylamine	1	0	0	50.0	50.0	0.127
606202	2,6-dinitrotoluene	1	0	0	1.00	1.00	0.110
75694	Trichlorofluoromethane	2	1	1	105	98.2	0.108
59669260	Thiodicarb	1	0	0	0.0500	0.0500	0.104
88755	2-nitrophenol	1	0	0	63.0	63.0	0.102
80626	Methyl Methacrylate	11	50	0	134,980	272	0.0815
72178020	Fomesafen	1	0	0	1,075	1,075	0.0803
109068	2-methylpyridine	2	1	0	9,823	796	0.0770
533744	Dazomet	1	0	0	8.00	8.00	0.0759
1918009	Dicamba	1	0	0	5.00	5.00	0.0751
2312358	Propargite	0	1	0	255	0.127	0.0717
79469	2-nitropropane	1	0	0	258	258	0.0688
7647010	Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	9	21	1	28,647	2,744	0.0668
7664939	Sulfuric Acid (1994 and after "Acid Aerosols" Only)	2	19	0	906,542	45.0	0.0600
25321226	Dichlorobenzene (Mixed Isomers)	1	0	0	6.00	6.00	0.0492
75343	Ethylidene Dichloride	3	0	0	95.0	95.0	0.0488
108383	M-xylene	3	0	0	27.0	27.0	0.0427
88891	Picric Acid	1	0	0	3.00	3.00	0.0373
139139	Nitrilotriacetic Acid	1	1	0	3,726	297	0.0330
110805	2-ethoxyethanol	4	3	0	22,348	2,584	0.0214
85449	Phthalic Anhydride	1	13	1	19,236	155	0.0198
74884	Methyl Iodide	2	1	0	399	121	0.0146
21087649	Metribuzin	1	0	0	7.00	7.00	0.00980
76017	Pentachloroethane	1	0	0	1.00	1.00	0.00778
108316	Maleic Anhydride	3	15	0	24,014	15.0	0.00752
23950585	Pronamide	1	0	0	5.00	5.00	0.00655
75718	Dichlorodifluoromethane	2	0	0	10.0	10.0	0.00593
107051	Allyl Chloride	0	2	0	11.0	1.72	0.00577

**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
79210	Peracetic Acid	1	4	0	24,329	1,936	0.00343
67485294	Hydramethylnon	0	1	0	1.00	0.00310	0.00193
51796	Urethane	1	0	0	210	210	0.00151
584849	Toluene-2,4-diisocyanate	0	2	0	255	1.33	0.000451
64902723	Chlorsulfuron	0	1	0	2.00	1.07	0.000125
64675	Diethyl Sulfate	0	3	0	20.2	0.985	0.000067
1689992	Bromoxynil Octanoate	0	1	0	0.0700	0.000063	0.000067
101200480	Tribenuron Methyl	0	1	0	2.00	0.446	0.000035
75558	Propyleneimine	1	0	0	5.00	5.00	0.000024
60355	Acetamide	1	0	0	2.00	2.00	0.000084
81072	Saccharin (Manufacturing, No Supplier Notification)	0	1	0	2.00	0.497	0.000083
N503	Nicotine and Salts	2	16	2	294,424	288,817	0
872504	N-methyl-2-pyrrolidone	16	80	5	903,200	83,791	0
149304	2-mercaptobenzothiazole	3	6	1	52,607	52,559	0
7782414	Fluorine	1	0	0	19,434	19,434	0
N583	Polychlorinated Alkanes	1	8	1	19,257	19,257	0
554132	Lithium Carbonate	3	2	0	13,166	13,151	0
62476599	Acifluorfen, Sodium Salt	1	1	0	7,321	6,354	0
N120	Diisocyanates	5	10	0	5,436	5,436	0
75456	Chlorodifluoromethane	2	0	0	2,632	2,632	0
137417	Potassium N-methyldithiocarbamate	0	0	1	7,126	1,720	0
28407376	C.i. Direct Blue 218	0	3	0	1,687	1,687	0
924425	N-methylolacrylamide	3	9	0	1,800	1,216	0
1344281	Aluminum Oxide (Fibrous Forms)	2	2	2	1,181	1,167	0
7697372	Nitric Acid	21	197	3	2,814,387	1,154	0
94360	Benzoyl Peroxide	1	6	0	24,220	1,041	0
64755	Tetracycline Hydrochloride	0	1	0	1,400	764	0
1717006	1,1-dichloro-1-fluoroethane	3	4	0	3,096	608	0
26471625	Toluene Diisocyanate (Mixed Isomers)	1	1	0	819	570	0



**Table 1-D (Continued)**

CAS Number	Chemical Name	Direct Dischargers	Indirect Dischargers	Both Direct and Indirect Dischargers	Total Pounds Released Before POTW Removals	Total Pounds Released	TWPE (lb-eq/yr)
106887	1,2-butylene Oxide	1	0	0	313	313	0
101906	Diglycidyl Resorcinol Ether	0	1	0	537	133	0
306832	2,2-dichloro-1,1,1-trifluoroethane	1	1	0	1,582	45.5	0
26628228	Sodium Azide	0	2	1	43.0	42.4	0
95545	1,2-phenylenediamine	1	1	0	44.0	39.9	0
20325400	3,3'-dimethoxybenzidine Dihydrochloride	1	0	0	34.5	34.5	0
1649087	1,2-dichloro-1,1-difluoroethane	2	0	0	30.0	30.0	0
75887	2-chloro-1,1,1-trifluoroethane	1	0	0	29.0	29.0	0
75683	1-chloro-1,1-difluoroethane	3	0	0	24.0	24.0	0
79947	Tetrabromobisphenol a	3	1	0	24.0	24.0	0
764410	1,4-dichloro-2-butene	1	0	0	18.0	18.0	0
2837890	2-chloro-1,1,1,2-tetrafluoroethane	2	1	0	760	13.5	0
71751412	Abamectin	1	0	0	13.0	13.0	0
563473	3-chloro-2-methyl-1-propene	0	1	0	276	11.6	0
2155706	Tributyltin Methacrylate	1	0	0	7.00	7.00	0
52645531	Permethrin	0	1	1	12.8	5.01	0
79221	Methyl Chlorocarbonate	1	0	0	5.00	5.00	0
7550450	Titanium Tetrachloride	1	0	0	5.00	5.00	0
75729	Chlorotrifluoromethane	1	0	0	5.00	5.00	0
76142	Dichlorotetrafluoroethane (Cfc-114)	1	0	0	5.00	5.00	0
76153	Monochloropentafluoroethane	1	0	0	5.00	5.00	0
75434	Dichlorofluoromethane	1	0	0	5.00	5.00	0
354143	1,1,2,2-tetrachloro-1-fluoroethane	1	0	0	5.00	5.00	0
354234	1,2-dichloro-1,1,2-trifluoroethane	1	0	0	5.00	5.00	0
541413	Ethyl Chloroformate	1	0	0	5.00	5.00	0
1929733	2,4-d Butoxyethyl Ester	1	0	0	4.00	4.00	0
156627	Calcium Cyanamide	0	1	0	3.00	2.94	0
612839	3,3'-dichlorobenzidine Dihydrochloride	0	1	0	8.70	2.75	0
594423	Perchloromethyl Mercaptan	0	1	0	5.00	0.587	0

A1-40

**Table 1-D (Continued)**

<b>CAS Number</b>	<b>Chemical Name</b>	<b>Direct Dischargers</b>	<b>Indirect Dischargers</b>	<b>Both Direct and Indirect Dischargers</b>	<b>Total Pounds Released Before POTW Removals</b>	<b>Total Pounds Released</b>	<b>TWPE (lb-eq/yr)</b>
29082744	Octachlorostyrene	1	0	0	0.200	0.200	0
98077	Benzoic Trichloride	0	1	0	13,682	0	0
98884	Benzoyl Chloride	0	1	0	10.0	0	0
75445	Phosgene	0	1	0	5.00	0	0

## **Attachment 2**

### **SUPPLEMENTAL MATERIALS FOR DEVELOPMENT OF *PCSLOADS2002***

- Table 2-A - Parameter grouping hierarchy
- Table 2-B - Corrections to PCSLoads2002 database
- Table 2-C - Category Rankings Using 3 DL Options
- Table 2-D - Category Rankings Using 2 EST Options

**Table 2-A. Parameter Grouping Hierarchy**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
ALUM	ALUMINUM	ALUM	0
01105	ALUMINUM, TOTAL (AS AL)	ALUM	1
01104	ALUMINUM, TOTAL RECOVERABLE	ALUM	2
01308	ALUMINUM, POTENTIALLY DISSOLVD	ALUM	3
01106	ALUMINUM, DISSOLVED (AS AL)	ALUM	4
85824	ALUMINUM, ACID SOLUABLE	ALUM	5
AMMON	AMMONIA	AMMON	0
61574	AMMONIA (AS N) + UNIONIZED AMMONIA	AMMON	1
82230	AMMONIA & AMMONIUM- TOTAL	AMMON	2
71845	NITROGEN, AMMONIA TOTAL (AS NH4)	AMMON	3
34726	NITROGEN, AMMONIA, TOTAL (AS NH3)	AMMON	4
00608	NITROGEN, AMMONIA DISSOLVED	AMMON	5
00619	AMMONIA, UNIONIZED	AMMON	6
82294	NITROGEN, AMMONIA, SLUDGE, TOT DRY WGT	AMMON	7
ANTMN	ANTIMONY	ANTMN	0
01097	ANTIMONY, TOTAL (AS SB)	ANTMN	1
01268	ANTIMONY, TOTAL RECOVERABLE	ANTMN	2
01095	ANTIMONY, DISSOLVED (AS SB)	ANTMN	3
ARSEN	ARSENIC	ARSEN	0
01002	ARSENIC, TOTAL (AS AS)	ARSEN	1
01252	ARSENIC	ARSEN	2
00978	ARSENIC, TOTAL RECOVERABLE	ARSEN	3
01000	ARSENIC, DISSOLVED (AS AS)	ARSEN	4
61521	ARSENIC, SLUDGE TOT. DRY WT (AS AS)	ARSEN	5
01003	ARSENIC, DRY WEIGHT	ARSEN	6
BA	BARIUM	BA	0
01007	BARIUM, TOTAL (AS BA)	BA	1
01009	BARIUM, TOTAL RECOVERABLE	BA	2
01005	BARIUM, DISSOLVED (AS BA)	BA	3
BENZ	BENZENE	BENZ	0
34030	BENZENE	BENZ	1
34235	BENZENE, DISSOLVED	BENZ	2

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
BERYL	BERYLLIUM	BERYL	0
01012	BERYLLIUM, TOTAL (AS BE)	BERYL	1
00998	BERYLLIUM, TOTAL RECOVERABLE (AS BE)	BERYL	2
01312	BERYLLIUM, POTENTIALLY DISSOLVD	BERYL	3
01010	BERYLLIUM, DISSOLVED (AS BE)	BERYL	4
BHCA	BHC-ALPHA	BHCA	0
39336	BHC-ALPHA	BHCA	1
39337	A-BHC-ALPHA	BHCA	2
34253	ALPHABHC DISSOLVED	BHCA	3
BHCB	BHC-BETA	BHCB	0
39338	B-BHC-BETA	BHCB	1
34255	B-BHC-BETA DISSOLVED	BHCB	2
BHCD	BHC-DELTA	BHCD	0
34198	BHC-DELTA	BHCD	1
34259	DELTA BENZENE HEXACHLORIDE	BHCD	2
BHCG	BHC-GAMMA	BHCG	0
39344	BHC-GAMMA	BHCG	1
39340	GAMMA-BHC	BHCG	2
39782	LINDANE	BHCG	3
BOD5	BOD5	BOD5	0
00310	BOD, 5-DAY (20 DEG. C)	BOD5	1
80082	BOD, CARBONACEOUS 05 DAY, 20C	BOD5	2
85002	BIOCHEMICAL OXYGEN DEMAND-5	BOD5	3
80279	CBOD5 / NH3-N	BOD5	4
00140	BOD, 5-DAY(20 DEG.C)PER PRODUCTION	BOD5	5
00311	BOD, 5-DAY DISSOLVED	BOD5	6
00314	BOD, NITROG INHIB 5-DAY (20 DEG. C)	BOD5	7
BORON	BORON	BORON	0
01022	BORON, TOTAL (AS B)	BORON	1
82057	BORON, TOTAL	BORON	2
00999	BORON, TOTAL RECOVERABLE	BORON	3
01020	BORON, DISSOLVED (AS B)	BORON	4

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
CADM	CADMIUM	CADM	0
01027	CADMIUM, TOTAL (AS CD)	CADM	1
01113	CADMIUM TOTAL RECOVERABLE	CADM	2
01313	CADMIUM, POTENTIALLY DISSOLVD	CADM	3
01025	CADMIUM, DISSOLVED (AS CD)	CADM	4
CALC	CALCIUM	CALC	0
00916	CALCIUM, TOTAL (AS CA)	CALC	1
00915	CALCIUM, DISSOLVED (AS CA)	CALC	2
CHCL3	CHLOROFORM	CHCL3	0
32106	CHLOROFORM	CHCL3	1
34316	CHLOROFORM, DISSOLVED	CHCL3	2
CHLOR	CHLORINE	CHLOR	0
50060	CHLORINE, TOTAL RESIDUAL	CHLOR	1
50064	CHLORINE, FREE AVAILABLE	CHLOR	2
CHRM6	CHROMIUM, HEXAVALENT	CHRM6	0
01032	CHROMIUM, HEXAVALENT (AS CR)	CHRM6	1
78247	CHROMIUM, HEXAVALENT TOT RECOVERABLE	CHRM6	2
01307	CHROMIUM, HEXAVALENT POTENTIALLY DISOLVD	CHRM6	3
01220	CHROMIUM, HEXAVALENT DISSOLVED (AS CR)	CHRM6	4
CHROM	CHROMIUM	CHROM	0
01034	CHROMIUM, TOTAL (AS CR)	CHROM	1
01118	CHROMIUM TOTAL RECOVERABLE	CHROM	2
01030	CHROMIUM, DISSOLVED (AS CR)	CHROM	3
01033	CHROMIUM, TRIVALENT (AS CR)	CHROM	4
04262	CHROMIUM, TRIVALENT TOTAL RECOVERABLE	CHROM	5
01314	CHROMIUM, TRIVALENT,POTENTIALLY DISSOLVD	CHROM	6
80357	CHROMIUM, TRIVALENT DISSOLVED, AS CR	CHROM	7
CL	CHLORIDE	CL	0
00940	CHLORIDE (AS CL)	CL	1
82295	CHLORIDE, DISSOLVED (AS CL)	CL	2
00941	CHLORIDE, DISSOLVED IN WATER	CL	3
70352	CHLORIDE, ORGANIC, TOTAL	CL	4

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
00942	CHLORIDE, SLUDGE, TOTAL DRY WEIGHT	CL	5
CLETH	CHLOROETHANE	CLETH	0
34311	CHLOROETHANE, TOTAL WEIGHT	CLETH	1
85811	CHLOROETHANE	CLETH	2
CN	CYANIDE	CN	0
00720	CYANIDE, TOTAL (AS CN)	CN	1
78248	CYANIDE, TOTAL RECOVERABLE	CN	2
00722	CYANIDE,FREE (AMEN. TO CHLORINATION)	CN	3
81208	CYANIDE FREE NOT AMENABLE TO CHLORIN.	CN	4
00719	CYANIDE, FREE-WATER PLUS WASTEWATERS	CN	5
00718	CYANIDE, WEAK ACID, DISSOCIABLE	CN	6
00723	CYANIDE,DISSOLVED STD METHOD	CN	7
CO	COBALT	CO	0
01037	COBALT, TOTAL (AS CO)	CO	1
00979	COBALT, TOTAL RECOVERABLE	CO	2
COD	COD	COD	0
00340	OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)	COD	1
00335	OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD)	COD	2
00341	OXYGEN DEMAND, CHEM. (COD), DISSOLVED	COD	3
CU	COPPER	CU	0
01042	COPPER, TOTAL (AS CU)	CU	1
01119	COPPER TOTAL RECOVERABLE	CU	2
01306	COPPER, POTENTIALLY DISSOLVED	CU	3
01040	COPPER, DISSOLVED (AS CU)	CU	4
01043	COPPER IN BOTTOM DEPOSITS (DRY WGT)	CU	5
61507	COPPER SLUDGE TOTAL	CU	6
DCM	DICHLOROMETHANE	DCM	0
34423	METHYLENE CHLORIDE	DCM	1
03821	DICHLOROMETHANE	DCM	2
34425	METHYLENE CHLORIDE, SUSPENDED	DCM	3
DCPRO	1,3-DICHLOROPROPENE	DCPRO	0
34561	1,3-DICHLOROPROPENE, TOTAL WEIGHT	DCPRO	1

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
77163	1,3 DICHLOROPROPENE	DCPRO	2
DIOXI	DIOXIN	DIOXI	0
03610	DIOXIN	DIOXI	1
34675	2,3,7,8-TETRACHLORO-DIBENZO-P-DIOXIN	DIOXI	2
03556	2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN	DIOXI	3
76025	CHLORINATED DIBENZO-P-DIOXINS, EFFLUENT	DIOXI	4
EDC	1,2-DICHLOROETHANE	EDC	0
34531	1,2-DICHLOROETHANE, TOTAL WEIGHT	EDC	1
32103	1,2-DICHLOROETHANE	EDC	2
ENDOS	ENDOSULFAN	ENDOS	0
39388	ENDOSULFAN, TOTAL	ENDOS	1
34351	ENDOSULFAN SULFATE	ENDOS	2
ENDRN	ENDRIN	ENDRN	0
82699	ENDRIN + ENDRIN ALDEHYDE (SUM)	ENDRN	1
39390	ENDRIN	ENDRN	2
34366	ENDRIN ALDEHYDE	ENDRN	3
FLUOR	FLUORIDE	FLUOR	0
00951	FLUORIDE, TOTAL (AS F)	FLUOR	1
32018	FLUORIDE - FREE	FLUOR	2
00950	FLUORIDE, DISSOLVED (AS F)	FLUOR	3
IRON	IRON	IRON	0
01045	IRON, TOTAL (AS FE)	IRON	1
00980	IRON TOTAL RECOVERABLE	IRON	2
01317	IRON, POTENTIALLY DISSOLVD	IRON	3
01046	IRON, DISSOLVED (AS FE)	IRON	4
01044	IRON, SUSPENDED	IRON	4
LEAD	LEAD	LEAD	0
01051	LEAD, TOTAL (AS PB)	LEAD	1
01114	LEAD TOTAL RECOVERABLE	LEAD	2
01318	LEAD, POTENTIALLY DISSOLVD	LEAD	3
01049	LEAD, DISSOLVED (AS PB)	LEAD	4
01052	LEAD, TOTAL DRY WEIGHT (AS PB)	LEAD	5



**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
LITH	LITHIUM	LITH	0
01132	LITHIUM, TOTAL (AS LI)	LITH	1
01130	LITHIUM, DISSOLVED (AS LI)	LITH	2
MERC	MERCURY	MERC	0
71900	MERCURY, TOTAL (AS HG)	MERC	1
71901	MERCURY TOTAL RECOVERABLE	MERC	2
01321	MERCURY, POTENTIALLY DISSOLVD	MERC	3
71890	MERCURY, DISSOLVED (AS HG)	MERC	4
MG	MAGNESIUM	MG	0
00927	MAGNESIUM, TOTAL (AS MG)	MG	1
00921	MAGNESIUM, TOTAL RECOVERABLE	MG	2
00925	MAGNESIUM, DISSOLVED (AS MG)	MG	3
MN	MANGANESE	MN	0
01055	MANGANESE, TOTAL (AS MN)	MN	1
11123	MANGANESE, TOTAL RECOVERABLE	MN	2
01319	MANGANESE, POTENTIALLY DISSOLVD	MN	3
01056	MANGANESE, DISSOLVED (AS MN)	MN	4
01054	MANGANESE, SUSPENDED	MN	4
MOLY	MOLYBDENUM	MOLY	0
01062	MOLYBDENUM, TOTAL (AS MO)	MOLY	1
01129	MOLYBDENUM, TOTAL RECOVERABLE	MOLY	2
01060	MOLYBDENUM DISSOLVED (AS MO)	MOLY	3
N	NITROGEN, AMMONIA	N	0
00610	NITROGEN, AMMONIA TOTAL (AS N)	N	1
00612	NITROGEN, AMMONIA, TOT UNIONIZED (AS N)	N	2
NA	SODIUM	NA	0
00929	SODIUM, TOTAL (AS NA)	NA	1
82035	SODIUM, TOTAL (AS NA)	NA	2
00923	SODIUM, TOTAL RECOVERABLE	NA	3
00930	SODIUM, DISSOLVED (AS NA)	NA	4
NICKL	NICKEL	NICKL	0
01067	NICKEL, TOTAL (AS NI)	NICKL	1

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
01074	NICKEL TOTAL RECOVERABLE	NICKL	2
01322	NICKEL, POTENTIALLY DISSOLVD	NICKL	3
01065	NICKEL, DISSOLVED (AS NI)	NICKL	4
01068	NICKEL,TOT IN BOTTOM DEPOSITS (DRY WGT)	NICKL	5
O&G	OIL & GREASE	O&G	0
03582	OIL AND GREASE	O&G	1
00550	OIL AND GREASE (SOXHLET EXTR.) TOT.	O&G	2
00556	OIL & GREASE	O&G	3
00552	OIL AND GREASE, HEXANE EXTR METHOD	O&G	4
00560	OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	O&G	5
00152	OIL AND GREASE PER PRODUCTION	O&G	6
PCB	POLYCHLORINATED BIPHENYLS (PCB)	PCB	0
39516	POLYCHLORINATED BIPHENYLS (PCBS)	PCB	1
79819	POLYCHLORINATED BIPHENYLS (PCB) PG/L	PCB	2
PHENL	PHENOL & PHENOLICS	PHENL	0
34043	PHENOLICS, TOTAL	PHENL	1
70029	PHENOLIC COMPOUNDS, TOTAL	PHENL	2
78218	PHENOLIC COMPOUNDS, UNCHLORINATED	PHENL	3
46000	PHENOLS	PHENL	4
34694	PHENOL, SINGLE COMPOUND	PHENL	5
32730	PHENOLICS, TOTAL RECOVERABLE	PHENL	6
PHOSP	PHOSPHORUS	PHOSP	0
00665	PHOSPHORUS, TOTAL (AS P)	PHOSP	1
70507	PHOSPHOROUS, IN TOTAL ORTHOPHOSPHATE	PHOSP	2
00670	PHOSPHOROUS, TOTAL ORGANIC (AS P)	PHOSP	3
00662	PHOSPHOROUS, TOTAL RECOVERABLE	PHOSP	4
00666	PHOSPHORUS, DISSOLVED	PHOSP	5
71888	PHOSPHORUS,TOTAL SOLUBLE (AS PO4)	PHOSP	6
PO4	PHOSPHATE	PO4	0
70505	PHOSPHATE, TOTAL COLOR. METHOD (AS P)	PO4	1
00650	PHOSPHATE, TOTAL (AS PO4)	PO4	2
04175	PHOSPHATE, ORTHO (AS P)	PO4	3

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
00660	PHOSPHATE, ORTHO (AS PO4)	PO4	4
70506	PHOSPHATE, DISSOLVED COLOR METHOD (AS P)	PO4	5
00671	PHOSPHATE,DISSOLVED/ORTHOPHOSPHATE(AS P)	PO4	6
SELEN	SELENIUM	SELEN	0
01147	SELENIUM, TOTAL (AS SE)	SELEN	1
00981	SELENIUM, TOTAL RECOVERABLE	SELEN	2
01323	SELENIUM, POTENTIALLY DISSOLVD	SELEN	3
01145	SELENIUM, DISSOLVED (AS SE)	SELEN	4
61518	SELENIUM SLUDGE SOLID	SELEN	5
SILVR	SILVER	SILVR	0
01077	SILVER, TOTAL (AS AG)	SILVR	1
01079	SILVER TOTAL RECOVERABLE	SILVR	2
01304	SILVER, POTENTIALLY DISSOLVED	SILVR	3
01075	SILVER, DISSOLVED (AS AG)	SILVR	4
SLICA	SILICA	SLICA	0
00956	SILICA, TOTAL (AS SIO2)	SLICA	1
00955	SILICA, DISSOLVED (AS SIO2)	SLICA	2
SO3	SULFITE	SO3	0
00741	SULFITE (AS S)	SO3	1
00740	SULFITE (AS SO3)	SO3	2
SO4	SULFATE	SO4	0
00154	SULFATE (AS S)	SO4	1
81020	SULFATE	SO4	2
00945	SULFATE, TOTAL (AS SO4)	SO4	3
00946	SULFATE, DISSOLVED (AS SO4)	SO4	4
STYRN	STYRENE	STYRN	0
77128	STYRENE, TOTAL	STYRN	1
81708	STYRENE	STYRN	2
SULF	SULFIDE	SULF	0
00745	SULFIDE, TOTAL (AS S)	SULF	1
81621	SULFIDE, TOTAL	SULF	2
00746	SULFIDE, DISSOLVED, (AS S)	SULF	3

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
SURF	SURFACTANTS	SURF	0
38260	SURFACTANTS (MBAS)	SURF	1
34790	SURFACTANTS, AS CTAS, EFFLUENT	SURF	2
81646	SURFACTANTS (LINEAR ALKYLATE SULFONATE)	SURF	3
TDS	TOTAL DISSOLVED SOLIDS	TDS	0
70295	SOLIDS, TOTAL DISSOLVED	TDS	1
70296	SOLIDS, TOTAL DISSOLVED (TDS)	TDS	2
70300	SOLIDS, TOTAL DISSOLVED- 180 DEG.C	TDS	3
00525	SOLIDS, FIXED DISSOLVED	TDS	4
00520	SOLIDS, VOLATILE DISSOLVED	TDS	5
TETRA	TETRACHLOROETHYLENE	TETRA	0
34475	TETRACHLOROETHYLENE	TETRA	1
85814	TETRACHLOROETHYLENE	TETRA	2
78389	TETRACHLOROETHENE	TETRA	3
THALL	THALLIUM	THALL	0
01059	THALLIUM, TOTAL (AS TL)	THALL	1
00982	THALLIUM, TOTAL RECOVERABLE	THALL	2
01324	THALLIUM, POTENTIALLY DISSOLVD	THALL	3
01057	THALLIUM, DISSOLVED (AS TL)	THALL	4
TIN	TIN	TIN	0
01102	TIN, TOTAL (AS SN)	TIN	1
00983	TIN, TOTAL RECOVERABLE	TIN	2
TITAN	TITANIUM	TITAN	0
01152	TITANIUM, TOTAL (AS TI)	TITAN	1
00984	TITANIUM, TOTAL RECOVERABLE	TITAN	2
TOL	TOLUENE	TOL	0
34010	TOLUENE	TOL	1
34481	TOLUENE, DISSOLVED	TOL	2
TRANS	TRANS-1,2-DICHLOROETHENE	TRANS	0
34546	1,2-TRANS-DICHLORO- ETHYLENE	TRANS	1
85810	TRANS-1,2-DICHLORO- ETHYLENE	TRANS	2
TRICH	TRICHLOROETHYLENE	TRICH	0

**Table 2-A (Continued)**

<b>PRAM</b>	<b>PRAMDESC</b>	<b>Group</b>	<b>Rank</b>
39180	TRICHLOROETHYLENE	TRICH	1
78391	TRICHLOROETHENE	TRICH	2
34485	TRICHLOROETHYLENE, DISSOLVED	TRICH	3
TSS	TOTAL SUSPENDED SOLIDS	TSS	0
00530	SOLIDS, TOTAL SUSPENDED	TSS	1
85001	SUSPENDED SOLIDS	TSS	2
00540	SOLIDS, FIXED SUSPENDED	TSS	3
00535	SOLIDS, VOLATILE SUSPENDED	TSS	4
00141	SOLIDS, TOTAL SUSP PER PRODUCTION	TSS	5
TTO	TOTAL TOXIC ORGANICS	TTO	0
78141	ORGANICS, TOTAL TOXIC (TTO)	TTO	1
78223	TOTAL TOXIC ORGANICS (TTO) (40CFR413)	TTO	2
78224	TOTAL TOXIC ORGANICS (TTO) (40CFR433)	TTO	2
78230	TOTAL TOXIC ORGANICS (TTO) (40CFR467)	TTO	2
VANAD	VANADIUM	VANAD	0
01087	VANADIUM, TOTAL (AS V)	VANAD	1
01128	VANADIUM, TOTAL RECOVERABLE	VANAD	2
01085	VANADIUM, DISSOLVED (AS V)	VANAD	3
01088	VANADIUM, TOTAL DRY WEIGHT (AS V)	VANAD	4
ZINC	ZINC	ZINC	0
01092	ZINC, TOTAL (AS ZN)	ZINC	1
01094	ZINC TOTAL RECOVERABLE	ZINC	2
01303	ZINC, POTENTIALLY DISSOLVED	ZINC	3
01090	ZINC, DISSOLVED (AS ZN)	ZINC	4
01093	ZINC IN BOTTOM DEPOSITS (DRY WGT)	ZINC	5
61510	ZINC SLUDGE TOTAL	ZINC	6

**Table 2-B. Changes to the PCSLoads2002 Database**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC	2813	VCCA	AL0000213	Occidental Chem Muscle Shoals	Muscle Shoals					
SIC	2819	VCCA	AL0001945	Olin Chlor Alkali Products	Mcintosh					
SIC	9999	3795	AL0002658	U S Army Anniston Army Depot	Anniston					
Load			AL0003140	AL Power Co.	Wilsonville	004	1	ARSEN	2,016,604	2,016
SIC	2812	VCCA	AL0003514	Occidental Chemicals Corp	Mobile					
SIC	4961	4911	AL0003867	TVA Colbert Steam Plant	Tuscumbia					
SIC	9999	2015	AL0026832	Golden Rod Broilers Cullman	Cullman					
SIC	2821	VCCA	AL0054704	General Electric Burkeville	Burkville					
SIC	2819	2819N	AR0001112	Reynolds Metals Co-Hurricane	Bauxite					
Load			CA0001368	Duke Energy	Chula Vista	001	1	CHLOR	4,578,499	4,578
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	004	1	TSS	320,598,709	807,836
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	002	1	ALUM	37,836,986	190,663
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	002	1	TSS	272,439,569	1,372,837
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	002	1	IRON	2,439,906	12,295
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	003	1	ALUM	113,538,297	770,703
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	003	1	IRON	10,079,908	36,615
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	003	1	TSS	1,566,924,046	5,472,875
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	004	1	ALUM	26,453,231	66,654
Load			DC0000019	Wasington Aqueduct - Dalecarlia	Washington DC	004	1	IRON	3,229,720	8,139

**Table 2-B (Continued)**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC	2821	VCCA	DE0000612	Formosa Plastics Corporation	Delaware City					
SIC	2812	VCCA	DE0050911	Occidental Chemicals	Delaware City					
Load			FL0002275	Gulf Power Co.	Pensacola	010	1	IRON	1,010,409,425	1,010,409
Load			FL0002283	Gulf Power Scholtz Steam	Chattahoochee	D01	1	IRON	109,028,494	109,028
Load			GA0002798	Weyerhaeuser Co-Port Wentworth	Savannah	006	1	38691	9.016103E-07	0
Load			GA0002801	International Paper Co.	Augusta	010	1	MERC	92,612,161	7.6
SIC	2621-2	VCCA	GA0046973	GA Pacific - Savannah River	Rincon					
SIC	5171	2911	IL0001244	Premcor Refining	Hartford					
SIC	2821	VCCA	IL0001350	Formosa Plastics-Illiopolis	Illiopolis					
SIC	2821	VCCA	IN0002101	GE Plastics	Mount Vernon					
SIC	2821	VCCA	KY0001457	Oxy Vinyls	Louisville					
SIC	2812	VCCA	KY0003484	Westlake Ca&O Corp	Calvert City					
SIC	2821	VCCA	KY0095087	Westlake PVC Corp	Calvert City					
SIC	2819	2819N	KY0102083	Usec Pdgdp	Paducah					
SIC	2869	VCCA	LA0000761	PPG Ind-Lake Charles	Lake Charles					
SIC	2869	VCCA	LA0002933	Vulcan Chemical	Geismar					
Load			LA0003026	Conoco Phillips Lake Charles	Westlake	SUM	1	SULF	11,892	343.5
SIC	2869	VCCA	LA0003301	Dow Chemical Co-Plaquemine	Plaquemine					
SIC	2812	VCCA	LA0005231	Pioneer Americas, LLC.	St. Gabriel					
SIC	2812	VCCA	LA0005983	Occidental Chemical Corporation	Hahnville					
SIC	2869	VCCA	LA0006149	Formosa Plastics-Baton Rouge	Baton Rouge					
SIC	2869	VCCA	LA0006220	Monochem Petroleum-Geismar	Geismar					
SIC	2869	VCCA	LA0007129	Georgia-Gulf-Chemicals & Vinyl	Plaquemine					
SIC	2819	2873	LA0029769	Imc Phosphates Co -Faustina	Donaldsonville					

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**Table 2-B (Continued)**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC	2821	VCCA	LA0041025	Certain-Teed Products Corp-Cam	Westlake					
SIC	2821	VCCA	LA0055794	Shintech Louisiana, LLC	Addis					
SIC	2869	VCCA	LA0056171	Occidental Chem Corp-Covent	Convent					
Load			MD0021687	Upper Potomac River Comm	Westernport	001	1	DIOXI	3.73855E-07	0
Load			ME0000272	FPL Energy Wyman Station	Yarmouth	004	1	MERC	18,028	0.018
SIC	2812	9999	ME0000639	Holtrachem Mfg. Company L.L.C.	Orrington					
SIC	9999	3316	MI0004227	Dsc Ltd-Gibraltar	Gibraltar					
SIC	5191	2879	MO0001716	BASF Hannibal Plant	Hannibal					
SIC	2048	2048G	MO0002356	Bcp Ingredients, Inc	Verona					
SIC	2911	2611-2	MS0001309	Mississippi River Corporation	Natchez					
SIC	2821	VCCA	MS0001970	Georgia Gulf	Aberdeen					
SIC	2874	2874F	MS0003115	Mississippi Phosphates Corp	Pascagoula					
SIC	2048	2048M	MS0046931	Central Industries	Forrest					
Load			NC0000396	Prog Enrg Carolinas Inc.	Arden	002	1	CU	1,552,953	1,553
Load			NC0004618	Alamac Amer Knits LLC	Lumberton	001	1	CHLOR	570,048	-
Load			NC0004979	Duke Energy Corp Plt Allen Stm S	Belmont	002	1	CADM	19,498	43
Load			NC0004979	Duke Energy Corp Plt Allen	Belmont	002	1	ZINC	557,712	1,208
Load			NC0004979	Duke Energy Corp Plt Allen	Belmont	002	1	BA	8,925,808	16,608
Load			NC0004987	Duke Enrg Corp	Terrell	002	1	ARSEN	160,880	244
Load			NC0004987	Duke Enrg Corp	Terrell	002	1	SELEN	84,526	115
Load			NE0000060	Koch Nitrogen Company	Beatrice	001	1	CU	2,337,707	162
SIC	3081	VCCA	NJ0004235	Polyone Corp	Burlington					
SIC	2821	VCCA	NJ0004286	Polyone Corp	Pedricktown					
SIC	2821	VCCA	NJ0004391	Colorite Polymers Company	Burlington					



**Table 2-B (Continued)**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC		VCCA	NJ0126250	Kuehne Chemical Co Inc	South Kearny					
SIC	2812	VCCA	NV0020923	Pioneer Americas LLC	Henderson					
SIC	2812	VCCA	NY0001635	Olin Corp - Niagara Falls	Niagara Falls					
SIC	9999	2869	NY0002470	Buffalo Color Corp	Buffalo					
SIC	2812	VCCA	NY0003328	E I Dupont - Niagara Falls	Niagara Falls					
SIC	2812	VCCA	NY0003336	Occidental Chemical Corp	Niagara Falls					
SIC	9999	3356	OH0000442	Rmi Titanium Company	Ashtabula					
SIC	2816	VCCA	OH0000752	Ashta Chemicals	Ashtabula					
SIC	9999	3562	OH0004219	Timken Company	Canton					
SIC	9999	3312	OH0004260	Ak Steel Corp Coshocton	Coshocton					
SIC	9999	2869	OH0007269	Dover Chemical	Dover					
SIC	9999	4952	OH0020516	City Of Massillon	Massillon					
SIC	9999	4952	OH0021784	City Of East Palestine	East Palestine					
SIC	9999	4952	OH0024139	Bowling Green	Bowling Green					
SIC	9999	4952	OH0024911	City Of Delaware	Delaware					
SIC	9999	4952	OH0024929	City Of Delphos	Delphos					
SIC	9999	4952	OH0025852	City Of Ironton	Ironton					
SIC	9999	4952	OH0025925	City Of Kenton	Kenton					
SIC	9999	4952	OH0026093	City Of Lorain	Lorain					
SIC	9999	4952	OH0027472	City Of Springboro	Springboro					
SIC	9999	4952	OH0027511	City Of Steubenville	Steubenville					
SIC	9999	4952	OH0028185	City Of Wooster	Wooster					
SIC	9999	4952	OH0028240	City Of Zanesville	Zanesville					
SIC	9999	4952	OH0036641	Indian Lake Water Pollution D	Russells Point					
SIC	9999	4952	OH0044512	City Of North Ridgeville	North Ridgeville					
SIC	4932	4911	OH0048836	Cincinnati Gas & Electric	Cincinnati					

**Table 2-B (Continued)**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC	9999	4952	OH0049999	East Ohio Reg. Wastewater	Bellaire					
SIC	9999	CWT	OH0098540	Reserve Environmental Serv	Ashtabula					
SIC	2819	2819N	OH0115401	Us Enrichment Corp Ports	Piketon					
SIC	2821	VCCA	OK0001031	Georgia Gulf Chemicals & Vinyl	Oklahoma City					
SIC	2621-2	VCCA	OK0034321	GA Pacific	Muskogee					
Load			OR0000795	Fort James Operating Co.	Wauna	001	1	38691	9,972	0
Load			OR0001074	Pope & Talbot Inc	Halsey	001	1	DIOXI	0.000157768	0
Load			PA0002143	Weyerhaeuser Co/Johnsonburg	Johnsonburg	001	1	DIOXI	1.74488E-06	0
SIC	5171	2992	PR0021024	Texaco Guayanilla Terminal	Guayanilla					
Load			TN0002356	Bowater Inc	Calhoun	001	1	DIOXI	0.092	0
SIC	2812	VCCA	TN0002461	Olin Corporation	Charleston					
SIC	2869	VCCA	TX0002798	Bayer Polymers LLC	Baytown					
SIC	2821	VCCA	TX0002852	Dow Texas City Plant	Texas City					
Load			TX0003191	Encycle/Texas	Corpus Christi	001	1	CADM	4.4	1.5
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	COD	2,908	543
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	CU	755	1.8
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	LEAD	476	0.69
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	MERC	5.0	0.0039
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	SELEN	51	0.18
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	TSS	197,524	171
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	ZINC	33,117	132
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	ARSEN	175	0.21
Load			TX0003191	Encycle/Texas	Corpus Christi	002	1	CADM	2,357	8
SIC	3339	CWT	TX0003191	Encycle/Texas, Inc.	Corpus Christi					
SIC	2821	VCCA	TX0006335	Oxy Vinyls, LP	Pasadena					
SIC	2869	VCCA	TX0006483	Dow Chemical Company	Freeport					

**Table 2-B (Continued)**

Type of Change	OLD SIC	NEW SIC	NPID	Facility Name	Facility City	DSCH	MLOC	PRAM	Old Load (lb/yr)	New Load (lb/yr)
SIC	2812	VCCA	TX0007412	Oxy Vinyls, LP	Deer Park					
SIC	2812	VCCA	TX0008150	Oxy Vinyls, LP	La Porte					
Load			TX0052639	San Antonio Water System	San Antonio	001	1	CHLOR	118,348	9,407
Load			TX0052639	San Antonio Water System	San Antonio	002	1	CHLOR	7,269	519
Load			TX0052647	San Antonio Water System	San Antonio	001	1	CHLOR	101,449	7,800
Load			TX0052647	San Antonio Water System	San Antonio	002	1	CHLOR	86	3.3
Load			TX0052647	San Antonio Water System	San Antonio	003	1	CHLOR	1,993	104
Load			TX0052647	San Antonio Water System	San Antonio	004	1	CHLOR	2,605	515
SIC	2911	CWT	TX0062677	Neches River Treatment Corpora	Beaumont					
SIC	2869	VCCA	TX0070416	Oxy Vinyls, LP	La Porte					
SIC	2869	VCCA	TX0085570	Formosa Plastics	Point Comfort					
SIC	2869	VCCA	TX0104876	Occidental Chemical Corporation	Ingleside					
Load			WA0000922	Port Townsend Paper	Port Townsend	005	1	BOD5	1,051,622	37
Load			WA0000922	Port Townsend Paper	Port Townsend	005	1	CHLOR	691,071	29
Load			WA0000922	Port Townsend Paper	Port Townsend	005	1	TSS	1,352,095	57
SIC	2819	VCCA	WA0037265	Pioneer	Tacoma					
SIC	2621-2	VCCA	WI0001848	GA Pacific	Green Bay					
SIC	2819	VCCA	WI0003565	Vulcan Chemicals (Port Edwards)	Port Edwards					
SIC	2819	2879	WV0000108	Kincaid Enterprises						
SIC	2812	VCCA	WV0004359	PPG Industries Inc	New Martinsville					
Load			WV0004502	Wheeling-Nisshin Inc.	Follansbee	003	1	LEAD	6,889	-
Load			WV0004502	Wheeling-Nisshin Inc.	Follansbee	003	1	SULF	1,286,878	4,180
SIC	4213	4952	WY0022357	City of Rock Springs	Rock Springs					

**Table 2-C. PCS Category and Major SIC Group Rankings Using DL Options**

40 CFR Part or Major SIC Group	Point Source Category	# Facilities	Option 1 BDL=0 TWPE	Option 3: BDL = 1/2 DL			Hybrid DL		
				TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL	TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL
454	Gum and wood chemicals	4	3,819,669	3,819,690	21	0%	3,819,669	1	0%
423	Steam electric power generation	392	1,538,076	2,165,904,629	2,164,366,554	100%	1,614,291	76,215	5%
430.1	Pulp, paper and paperboard (Phase I)	56	1,574,452	2,317,015	742,563	32%	1,575,172	720	0%
420	Iron and steel manufacturing	99	1,410,350	1,449,192	38,842	3%	1,420,995	10,645	1%
422	Phosphate manufacturing	12	1,276,142	1,276,142	0	0%	1,276,142	0	0%
414	Organic chemicals, plastics and synthetic fibers	217	617,796	1,021,305	403,509	40%	620,884	3,088	0%
433	Metal Finishing	126	483,661	581,442	97,781	17%	514,424	30,764	6%
421	Nonferrous metals manufacturing	50	448,899	454,536	5,637	1%	450,525	1,626	0%
440	Ore mining and dressing	48	406,040	430,047	24,007	6%	406,548	509	0%
414.1	Vinyl Chloride and Chlor-Alkali	36	399,789	417,858	18,069	4%	399,968	179	0%
407	Fruits and vegetable processing	17	342,138	343,229	1,091	0%	342,160	23	0%
419	Petroleum refining	101	179,236	361,646	182,410	50%	198,073	18,837	10%
463	Plastic molding and forming	8	172,482	172,597	115	0%	172,483	1	0%
418	Fertilizer manufacturing	23	143,733	143,795	62	0%	143,795	62	0%
415	Inorganic chemicals	63	137,215	145,712	8,497	6%	139,696	2,481	2%
410	Textile mills	68	114,567	129,849	15,282	12%	124,085	9,518	8%
445	Landfills	36	100,284	2,129,184	2,028,900	95%	117,617	17,333	15%
444	Waste combustors (commercial incinerators combusting hazardous waste)	36	100,284	2,129,184	2,028,900	95%	117,617	17,333	15%
97	National Security & International Affairs	31	99,974	203,771	103,796	51%	108,340	8,366	8%
455	Pesticide chemicals manufacturing	101	89,972	135,962	45,991	34%	91,180	1,208	1%
4941	Water Supply	14	88,235	89,922	1,688	2%	88,824	590	1%
432	Meat and Poultry Products	42	50,497	64,197	13,700	21%	64,154	13,657	21%

Table 2-C (Continued)

40 CFR Part or Major SIC Group	Point Source Category	# Facilities	Option 1 BDL=0 TWPE	Option 3: BDL = ½ DL			Hybrid DL		
				TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL	TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL
436	Mineral Mining and Processing	25	60,078	64,818	4,740	7%	60,106	28	0%
430.2	Pulp, paper and paperboard (Phase II)	105	54,851	5,193,541,606,430	5,193,541,551,579	100%	55,232	381	1%
439	Pharmaceutical manufacturing	28	41,492	196,195,275,042	196,195,233,549	100%	50,457	8,964	18%
467	Aluminum forming	14	18,261	24,698	6,437	26%	19,878	1,617	8%
413	Electroplating	29	18,636	19,767	1,131	6%	19,482	846	4%
409	Sugar processing	17	16,575	16,592	17	0%	16,575	0	0%
457	Explosives	5	14,452	14,517	66	0%	14,452	0	0%
464	Metal molding and casting (foundries)	6	8,719	9,886	1,167	12%	9,886	1,167	12%
49	Electric, Gas, & Sanitary Services	3	7,896	7,900	4	0%	7,900	4	0%
466	Porcelain Enameling	26	6,812	6,999	187	3%	6,957	145	2%
424	Ferroalloy manufacturing	2	6,652	6,652	0	0%	6,652	0	0%
471	Nonferrous metals forming and metal powders	21	6,134	7,251	1,117	15%	6,242	107	2%
82	Educational Services	3	6,133	6,135	2	0%	6,135	2	0%
92	Justice, Public Order, & Safety	7	5,944	5,944	0	0%	5,944	0	0%
469	Electrical and electronic components	6	4,977	5,109	133	3%	5,070	94	2%
42	Trucking & Warehousing	7	4,323	4,477	154	3%	4,327	4	0%
425	Leather tanning and finishing	6	3,785	3,785	0	0%	3,785	0	0%
468	Copper forming	10	3,540	3,660	119	3%	3,587	46	1%
437	Centralized Waste Treaters	3	3,429	3,429	0	0%	3,429	0	0%
96	Administration of Economic Programs	1	3,401	4,377	977	22%	3,421	20	1%
430.3	Pulp, paper and paperboard (Phase III)	4	3,045	2,110,719	2,107,673	100%	3,045	0	0%
32	Stone, Clay, & Glass Products	9	2,704	2,706	2	0%	2,706	2	0%

Table 2-C (Continued)

40 CFR Part or Major SIC Group	Point Source Category	# Facilities	Option 1 BDL=0 TWPE	Option 3: BDL = ½ DL			Hybrid DL		
				TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL	TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL
428	Rubber Manufacturing	15	2,119	2,573	454	18%	2,386	268	11%
411	Cement manufacturing	5	2,095	5,850	3,754	64%	2,107	12	1%
27	Printing & Publishing	2	1,677	1,677	0	0%	1,677	0	0%
45	Transportation by Air	2	1,156	2,434,318	2,433,162	100%	1,156	0	0%
95	Environmental Quality & Housing	6	1,056	1,212	156	13%	1,134	77	7%
408	Canned and preserved seafood	4	966	2,139	1,173	55%	991	25	3%
429	Timber products processing	6	849	919	70	8%	915	66	7%
406	Grain mills manufacturing	9	787	2,069	1,282	62%	787	0	0%
438	Metal Products and Machinery	14	699	4,553	3,854	85%	724	25	3%
434	Coal mining	9	621	694	72	10%	671	49	7%
87	Engineering & Management Services	8	635	948	313	33%	655	20	3%
91	Executive, Legislative, & General	2	642	642	0	0%	642	0	0%
443	Paving and roofing materials (tars and asphalt)	3	565	581	16	3%	565	0	0%
451	Aquatic Animal Production Industry	2	304	304	0	0%	304	0	0%
4959	Sanitary Services	1	287	287	0	0%	287	0	0%
417	Soaps and detergents manufacturing	2	208	258	50	19%	258	50	19%
51	Wholesale Trade- Nondurable Goods	3	249	254	5	2%	254	5	2%
46	Pipelines, Except Natural Gas	3	247	247	0	0%	247	0	0%
40	Railroad Transportation	3	205	205	0	0%	205	0	0%
9	Fishing, Hunting, & Trapping	1	134	197	62	32%	197	62	32%
16	Heavy Construction, Except Building	1	186	186	0	0%	186	0	0%
461	Battery manufacturing	1	88	88	0	0%	88	0	0%
29	Petroleum & Coal Products	3	67	76	9	12%	76	9	12%

**Table 2-C (Continued)**

40 CFR Part or Major SIC Group	Point Source Category	# Facilities	Option 1 BDL=0 TWPE	Option 3: BDL = 1/2 DL			Hybrid DL		
				TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL	TWPE	Amount of TWPE Based on BDL=1/2DL	% of TWPE Based on BDL=1/2DL
65	Real Estate	7	55	104	49	47%	55	0	0%
405	Dairy products processing	2	45	67	22	33%	45	0	0%
47	Transportation Services	1	27	33	6	19%	27	0	1%
99	Non classifiable Establishments	2	27	27	0	0%	27	0	0%
28	Chemical & Allied Products	3	12	769	758	99%	12	0	0%
460	Hospital	2	6	6	0	0%	6	0	0%
21	Tobacco Products	1	3	3	0	1%	3	0	1%
435	Oil & Gas Extraction	1	1	1	0	1%	1	0	1%
20	Food & Kindred Products	1	0	0	0	0%	0	0	0%
412	CAFO	1	0	0	0	100%	0	0	

Source: PCSLoads2002 April 1, 2005

**Table 2-D. PCS Category and Major SIC Group Rankings Using EST Options**

PSC Code	PointSourceCategory	Majors	EST=NO TWPE	EST=YES TWPE	Amount of TWPE based on EST	% of TWPE Based on EST
454	Gum and wood chemicals	5	991,133	3,819,669	2,828,537	74%
423	Steam electric power generation	554	1,401,640	1,614,291	212,652	13%
430.1	Pulp, paper and paperboard (Phase I)	78	1,120,251	1,575,172	454,921	29%
420	Iron and steel manufacturing	105	1,384,382	1,420,995	36,613	3%
422	Phosphate manufacturing	13	1,275,829	1,276,142	313	0%
414	Organic chemicals, plastics and synthetic fibers	240	413,151	620,884	207,733	33%
433	Metal Finishing	122	431,972	510,503	78,531	15%
421	Nonferrous metals manufacturing	53	402,863	450,525	47,662	11%
440	Ore mining and dressing	73	389,990	406,548	16,558	4%
414.1	Vinyl Chloride and Chlor-Alkali	38	397,700	399,968	2,268	1%
407	Fruits and vegetable processing	25	233,835	342,160	108,325	32%
419	Petroleum refining	112	188,481	198,073	9,592	5%
463	Plastic molding and forming	9	172,476	172,483	8	0%
418	Fertilizer manufacturing	24	143,286	143,795	509	0%
415	Inorganic chemicals	70	133,139	139,696	6,557	5%
410	Textile mills	74	94,016	124,085	30,069	24%
97	National Security & International Affairs	33	104,996	108,340	3,344	3%
455	Pesticide chemicals manufacturing	201	89,911	91,180	1,269	1%
4941	Water Supply	19	88,319	88,824	505	1%
432	Meat and Poultry Products	45	59,754	64,154	4,399	7%
436	Mineral Mining and Processing	34	57,831	60,106	2,275	4%
444	Waste combustors (commercial incinerators combusting hazardous waste)	19	57,530	58,808	1,278	2%
445	Landfills	19	57,530	58,808	1,278	2%
430.2	Pulp, paper and paperboard (Phase II)	165	40,187	55,232	15,045	27%
439	Pharmaceutical manufacturing	34	33,488	50,457	16,969	34%
467	Aluminum forming	13	18,412	19,841	1,429	7%
413	Electroplating	30	19,287	19,482	195	1%
409	Sugar processing	24	15,845	16,575	731	4%
457	Explosives	6	10,183	14,452	4,268	30%
464	Metal molding and casting (foundries)	7	3,224	9,886	6,662	67%
49	Electric, Gas, & Sanitary Services	3	7,674	7,900	226	3%
424	Ferrous alloy manufacturing	3	6,373	6,652	279	4%



**Table 2-D (Continued)**

<b>PSC Code</b>	<b>PointSourceCategory</b>	<b>Majors</b>	<b>EST=NO TWPE</b>	<b>EST=YES TWPE</b>	<b>Amount of TWPE based on EST</b>	<b>% of TWPE Based on EST</b>
82	Educational Services	3	3,431	6,135	2,704	44%
92	Justice, Public Order, & Safety	8	5,326	5,944	619	10%
471	Nonferrous metals forming and metal powders	15	5,662	5,763	101	2%
469	Electrical and electronic components	6	5,066	5,070	4	0%
42	Trucking & Warehousing	7	4,206	4,327	121	3%
425	Leather tanning and finishing	7	3,713	3,785	72	2%
468	Copper forming	8	3,509	3,550	41	1%
466	Porcelain Enameling	14	3,220	3,478	259	7%
437	Centralized Waste Treaters	3	3,423	3,429	6	0%
96	Administration of Economic Programs	1	3,154	3,421	266	8%
430.3	Pulp, paper and paperboard (Phase III)	5	3,033	3,045	13	0%
32	Stone, Clay, & Glass Products	11	2,436	2,706	270	10%
428	Rubber Manufacturing	20	2,378	2,386	9	0%
411	Cement manufacturing	5	1,970	2,107	137	6%
27	Printing & Publishing	2	1,677	1,677	(0)	0%
45	Transportation by Air	3	951	1,156	205	18%
95	Environmental Quality & Housing	7	1,127	1,134	7	1%
408	Canned and preserved seafood	7	916	991	75	8%
429	Timber products processing	8	746	915	169	19%
406	Grain mills manufacturing	12	433	787	354	45%
438	Metal Products and Machinery	23	721	724	2	0%
434	Coal mining	14	628	671	42	6%
87	Engineering & Management Services	8	371	655	284	43%
91	Executive, Legislative, & General	2	642	642	0	0%
443	Paving and roofing materials (tars and asphalt)	4	503	565	62	11%
451	Aquatic Animal Production Industry	2	55	304	249	82%
4959	Sanitary Services	1	287	287	0	0%
417	Soaps and detergents manufacturing	2	258	258	0	0%
51	Wholesale Trade- Nondurable Goods	4	253	254	2	1%
46	Pipelines, Except Natural Gas	4	247	247	1	0%
40	Railroad Transportation	3	153	205	52	25%
9	Fishing, Hunting, & Trapping	3	197	197	0	0%
16	Heavy Construction, Except Building	1	186	186	0	0%

**Table 2-D (Continued)**

<b>PSC Code</b>	<b>PointSourceCategory</b>	<b>Majors</b>	<b>EST=NO TWPE</b>	<b>EST=YES TWPE</b>	<b>Amount of TWPE based on EST</b>	<b>% of TWPE Based on EST</b>
461	Battery manufacturing	1	88	88	0	0%
29	Petroleum & Coal Products	6	76	76	0	0%
65	Real Estate	7	44	55	11	19%
405	Dairy products processing	4	45	45	0	0%
47	Transportation Services	1	27	27	0	0%
99	Non classifiable Establishments	2	18	27	9	34%
28	Chemical & Allied Products	3	10	12	2	16%
460	Hospital	2	6.2	6.2	0	0%
21	Tobacco Products	1	3.2	3.2	0	0%
435	Oil & Gas Extraction	2	1.1	1.2	0	8%
20	Food & Kindred Products	4	0.24	0.24	0	0%
	<b>Total</b>		<b>9,905,882</b>	<b>14,013,031</b>	<b>4,107,150</b>	<b>29%</b>

Source: *PCSLoads2002* April 1, 2005

### **Attachment 3**

#### **SUPPLEMENTAL MATERIAL FOR DEVELOPMENT OF *TRIRELEASES2002***

- Table 3-A - Corrections to TRIReleases2002
- Table 3-B - POTW Removals

**Table 3-A. Corrections to TRIReleases2002**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	5171	2891	01843-BFGDR-ONEJA	NOVEON INC.	LAWRENCE	MA				
SIC		2269	02764-HRDTF-66SOU	HARODITE FINISHING CO. INC.	TAUNTON	MA				
SIC	2048	2048P	07003-HRTZM-192BL	HARTZ MOUNTAIN CORP.	BLOOMFIELD	NJ	Indirect	Phenothrin		
SIC	2048	2048P	07003-HRTZM-192BL	HARTZ MOUNTAIN CORP.	BLOOMFIELD	NJ	Indirect	Tetrachlorvinphos		
SIC	2812	VCCA	07032-KHNCH-86HAC	KUEHNE CHEMICAL CO. INC.	SOUTH KEARNY	NJ				
SIC	2676	2621-2	07407-MRCLP-1MARK	MARCAL PAPER MILLS INC.	ELMWOOD PARK	NJ				
SIC	2821	VCCA	08016-CCDNT-BEVER	COLORITE SPECIALTY RESINS	BURLINGTON	NJ				
SIC	3081	VCCA	08016-CCDNT-RIVER	POLYONE CORP.	BURLINGTON	NJ				
SIC	2869	CWT	08023-DPNTC-RT130	DU PONT CHAMBER WORKS	DEEPWATER	NJ	Direct	Chlordane		
SIC	2869	CWT	08023-DPNTC-RT130	DU PONT CHAMBER WORKS	DEEPWATER	NJ	Direct	Heptachlor		
SIC	2869	CWT	08023-DPNTC-RT130	DU PONT CHAMBER WORKS	DEEPWATER	NJ	Direct	Pendimethalin		
SIC	2821	VCCA	08067-THGNC-USRTE	POLYONE CORP.	PEDRICKTOWN	NJ				
SIC	2821	VCCA	08067-XYVNY-RTE13	OXY VINYL	PEDRICKTOWN	NJ				
SIC		2834	08869-RTHPH-POBOX	ORTHO MCNEIL PHARMACEUTICAL CORP.	RARITAN	NJ				
SIC	2812	VCCA	14302-CCDNT-4700B	OCCIDENTAL CHEMICAL CORP. NIAGARA PLANT	NIAGARA FALLS	NY				
SIC	2812	VCCA	14302-DPNTN-BUFFA	DU PONT NIAGARA FALLS PLANT	NIAGARA FALLS	NY				
SIC	2812	VCCA	14303-LNCHM-2400B	OLIN CORP.	NIAGARA FALLS	NY				
SIC	2911	5171	15051-MRCNR-STATE	KINDER MORGAN TRANSMIX CO. L.L.C.	INDIANOLA	PA				
SIC	2911	2992	16344-PNNZL-2MAIN	CALUMET LUBRICANTS CO. ROUSEVILLE PLANT	ROUSEVILLE	PA				
SIC	2048	2048M	18964-MYRPC-741SO	MOYER PACKING CO.	SOUDERTON	PA				
SIC	2821	VCCA	19464-CCDNT-ARMAN	OCCIDENTAL CHEMICAL CORP.	POTTSTOWN	PA				
SIC	2812	VCCA	19706-CCDNT-RIVER	OCCIDENTAL CHEMICAL CORP.	NEW CASTLE	DE				

**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	2821	VCCA	19706-FRMSP-SCHOO	FORMOSA PLASTICS CORP.	DELAWARE CITY	DE				
Load			19809-DPNTD-104HA	Du Pont Edge Moor	EdgeMoor	DE	Direct	Hexachlorobenzene	52.9	0
Load			19809-DPNTD-104HA	Du Pont Edge Moor	EdgeMoor	DE	Direct	Pentachlorobenzene	15.9	0
Dioxin Distribution			19809-DPNTD-104HA	Du Pont Edge Moor	EdgeMoor	DE		Dioxin and Dioxin-Like Compounds	See "DuPont TiO <sub>2</sub> Plant TWPE" in the docket	
SIC		2869	25515-KZCHM-STATE	AKZO NOBEL FUNCTIONAL CHEMICALS L.L.C.	GALLIPOLIS FERRY	WV				
SIC	2812	VCCA	26155-PPGND-STATE	PPG INDS. INC.	NEW MARTINSVILLE	WV				
SIC	2874	2874F	29550-MCFRT-SOCIE	ROYSTER-CLARK INC.	HARTSVILLE	SC				
Dioxin Distribution			29704-BWTRC-5300C	BOWATER INC. COATED & SPECIALTY PAPERS	CATAWBA	SC		Dioxin and Dioxin-Like Compounds	See DCN 01758	
SIC	2812	VCCA	30913-LNGST-2402L	OLIN CORP.	AUGUSTA	GA				
SIC	2676	2621-2	31702-THPRC-USROU	PROCTER & GAMBLE PAPER PRODS. CO.	ALBANY	GA				
SIC	2048	2048M	35077-LBMFD-FARMR	AMERICAN PROTEINS INC.	HANCEVILLE	AL				
SIC	2911	2865	35404-MRCHM-ONEWA	MERICHEM CHEMICALS & REFY. SERVICES L.L.C.	TUSCALOOSA	AL				
SIC	2812	VCCA	35660-CCDNT-POBOX	OCCIDENTAL CHEMICAL CORP.	MUSCLE SHOALS	AL				
SIC	2812	VCCA	36553-LNCRP-POBOX	OLIN CORP.	MC INTOSH	AL				
SIC	2812	VCCA	36614-CCDNT-1300J	OCCIDENTAL CHEMICAL CORP.	MOBILE	AL				
SIC	2821	VCCA	36752-GPLST-ONEPL	GE CO.	BURKVILLE	AL				
Load			37134-DPNTJ-1DUPO	Du Pont Johnsonville Plant	New Johnsonville	TN	Direct	Hexachlorobenzene	188	0
Dioxin Distribution			37134-DPNTJ-1DUPO	Du Pont Johnsonville Plant	New Johnsonville	TN		Dioxin and Dioxin-Like Compounds	See "DuPont TiO <sub>2</sub> Plant TWPE" in Docket	
SIC	2812	VCCA	37310-LNCRP-LOWER	OLIN CORP.	CHARLESTON	TN				
SIC		2813	38053-CRDXC-5808O	AIR LIQUIDE AMERICA L.P.	MILLINGTON	TN				
SIC	2048	2048M	38778-PRTNP-1042M	PROTEIN PRODS. INC.	SUNFLOWER	MS				
SIC	2048	2048M	39074-CNTRL-11634	CENTRAL INDUSTRIES INC.	FOREST	MS				

**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	2874	2874F	39568-NSTHN-POBOX	MISSISSIPPI PHOSPHATES CORP.	PASCAGOULA	MS				
SIC	2821	VCCA	39730-VSTPL-POBOX	GEORGIA GULF CHEMICALS & VINYL L.L.C.	ABERDEEN	MS				
SIC	3087	VCCA	40211-THGNC-4200B	POLYONE CORP.	LOUISVILLE	KY				
SIC	2821	VCCA	40211-XYVNY-4014B	OXY VINYL	LOUISVILLE	KY				
SIC		3315	40356-DCMWR-STEPH	ADCOM WIRE CO.	NICHOLASVILLE	KY				
SIC	2821	VCCA	42029-PCFCW-JOHNS	WESTLAKE PVC CORP.	CALVERT CITY	KY				
SIC	2869	VCCA	42029-WSTLK-24681	WESTLAKE VINYL	CALVERT CITY	KY				
SIC	2819	2621-1	42087-WSTVC-HIGHW	MEADWESTVACO KENTUCKY	WICKLIFFE	KY				
SIC	2631	3275	43433-NTDST-GYPSU	UNITED STATES GYPSUM CO.	GYPSUM	OH				
SIC	2911	8744	43616-TWWST-1819W	TWO WASTEWATER TREATMENT UNIT	OREGON	OH				
Load			43920-VNRL-1250S	Vonroll America Inc. WTI Final	East Liverpool	OH	Direct	Benzidine	250	0
SIC	2812	VCCA	44004-LCPC-3509M	ASHTA CHEMICALS INC.	ASHTABULA	OH				
SIC		3829	44139-NGLHR-6801C	SAINT-GOBAIN CRYSTALS & DETECTORS	SOLON	OH				
SIC	2819	2819N	45661-NTDST-3930U	U.S. ENRICHMENT CORP. PORTSMOUTH GASEOUS DIFFUSION PLANT	PIKETON	OH				
SIC		2542	45692-FRCKG-201SO	FRICK GALLAGHER MFG. CO.	WELLSTON	OH				
SIC		3443	47421-BRNNR-80090	MANCHESTER TANK & EQUIPMENT CO.	BEDFORD	IN				
SIC	2821	VCCA	47620-GPLST-LEXAN	GE PLASTICS MT. VERNON INC.	MOUNT VERNON	IN				
SIC		2865	48187-CHRMT-7723M	CHROMATECH INC.	CANTON	MI				
Load			48217-MRTHN-1300S	Marathon Ashland Petroleum L.L.C.	Detroit	MI	Indirect	Dioxin and Dioxin-Like Compounds	0.003	0
SIC	2048	2048PH	50598-PRCSS-515WE	A.I. PROCESSORS	WHITTEMORE	IA				
SIC	2048	2048G	51234-FRMRS-602MA	FARMERS FEED & SUPPLY CO. INC.	BOYDEN	IA				

**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	9131	4941	53402-RCNWT-100HU	RACINE WATER UTILITY	RACINE	WI				
SIC	2672	2631-2	54307-GRNBY-3250S	GREEN BAY PACKAGING INC. GREEN BAY COATED PRODS. DIV.	GREEN BAY	WI				
SIC	2676	2621-2	54308-THPRC-501EA	PROCTER & GAMBLE PAPER PRODS. CO.	GREEN BAY	WI				
SIC	2812	VCCA	54469-VLCNM-STATE	VULCAN MATERIALS CO. PORT EDWARDS PLANT	PORT EDWARDS	WI				
SIC	2657	2631-2	55114-WLDRF-2250W	WALDORF CORP. (DBA ROCK TENN CO.)	SAINT PAUL	MN				
SIC	2048	2048PH	55318-QLTCH-318LA	QUALI TECH INC.	CHASKA	MN				
SIC		3357	60115-NHRNG-813EL	NEHRING ELECTRICAL WORKS CO.	DE KALB	IL				
SIC	2048	2048PH	60411-LLBRT-400ST	ALPHARMA INC.	CHICAGO HEIGHTS	IL				
SIC	2821	VCCA	61537-THGNC-RURAL	POLYONE CORP.	HENRY	IL				
SIC	2821	VCCA	62539-BRDNC-CANTR	FORMOSA PLASTICS CORP. ILLINOIS	ILLIOPOLIS	IL				
SIC	2048	2048PH	63701-BKYWN-975NA	BIOKYOWA INC.	CAPE GIRARDEAU	MO				
SIC		3674	65803-ZRKCR-933WC	OZARK CIRCUITS INC.	SPRINGFIELD	MO				
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Direct	Diazinon		
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Indirect	Diazinon		
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Direct	Dichlorvos		
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Indirect	Dichlorvos		
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Direct	Tetrachlorvinphos		
SIC	2834	2834P	66024-FRMNT-15THA	BOEHRINGER INGELHEIM VETMEDICA INC.	ELWOOD	KS	Indirect	Tetrachlorvinphos		
SIC		2023	66534-MDMRC-721OR	INTERNATIONAL MEDIA & CULTURES INC.	SABETHA	KS				

**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	2812	VCCA	67215-VLCNC-6200S	VULCAN CHEMICALS	WICHITA	KS				
SIC	3991	2841	67530-THFLL-WESTP	FULLER BRUSH CO.	GREAT BEND	KS				
SIC	2812	VCCA	70057-CCDNT-LAHWY	OCCIDENTAL CHEMICAL CORP.	HAHNVILLE	LA				
SIC	2821	VCCA	70664-CRTNT-PETEM	CERTAINTEED CORP.	WESTLAKE	LA				
SIC	2893	2911	70669-CNCLK-OLDSP	CONOCOPHILLIPS LAKE CHARLES REFY.	WESTLAKE	LA				
SIC	2869	VCCA	70669-GRGGL-1600V	GEORGIA GULF LAKE CHARLES L.L.C.	WESTLAKE	LA				
SIC	2812	VCCA	70669-PPGND-COLUM	PPG INDS. INC.	LAKE CHARLES	LA				
SIC	2821	VCCA	70710-CCDNT-HWY1E	SHINTECH	ADDIS	LA				
SIC	2812	VCCA	70723-CCDNT-HIGHW	OCCIDENTAL CHEMICAL CORP.	CONVENT	LA				
SIC	2821	VCCA	70734-BRDNC-LOUIS	BORDEN CHEMICALS & PLASTICS OPERATING L.P.	GEISMAR	LA				
SIC	2812	VCCA	70734-VLCNM-ASHLA	VULCAN MATERIALS CO. CHEMICALS DIV.	GEISMAR	LA				
SIC	2869	VCCA	70765-GRGGL-HIGHW	GEORGIA GULF CHEMICALS & VINYL L.L.C.	PLAQUEMINE	LA				
SIC	2869	VCCA	70765-THDWC-HIGHW	DOW CHEMICAL CO. LOUISIANA DIV.	PLAQUEMINE	LA				
SIC	2812	VCCA	70776-STFFR-RIVER	PIONEER AMERICAS L.L.C.	SAINT GABRIEL	LA				
SIC	2821	VCCA	70805-FRMSP-GULFS	FORMOSA PLASTICS CORP. LOUISIANA	BATON ROUGE	LA				
Load			70805-XXNCH-4999S	Exxonmobil Chemical Baton Rouge Chemical Plant	Baton Rouge	LA	Direct	Polycyclic Aromatic Compounds	1700	0
SIC	2821	2869	70805-XXNCH-4999S	EXXONMOBIL CHEMICAL BATON ROUGE CHEMICAL PLANT	BATON ROUGE	LA				
SIC	2819	2819N	72011-LCRKN-USHIG	ALCOA WORLD CHEMICALS ARKANSAS OPS.	BAUXITE	AR				
SIC	2821	VCCA	73135-VSTPL-5200S	GEORGIA GULF CHEMICALS & VINYL L.L.C.	OKLAHOMA CITY	OK				
SIC	2819	2819Ph	75670-MRCNN-WESTE	NORIT AMERICAS INC.	MARSHALL	TX				



**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	2821	VCCA	77501-CCDNT-4403L	OXY VINYL L.P. HOUSTON OPS. PASADENA PVC PLANT	PASADENA	TX				
SIC	2819	VCCA	77520-MBYCR-8500W	BAYER CORP. BAYTOWN	BAYTOWN	TX				
SIC	2822	2869	77522-XXNCH-3525D	EXXONMOBIL CHEMICAL CO. BAYTOWN OLEFINS PLANT	BAYTOWN	TX				
SIC	2821	VCCA	77536-CCDNT-1000T	OXY VINYL L.P. - DEER PARK C/A	DEER PARK	TX				
SIC	2869	VCCA	77536-CCDNT-TIDAL	OXY VINYL L.P. DEER PARK VCM PLANT	DEER PARK	TX				
SIC	2821	VCCA	77541-SHNTC-5672H	SHINTECH INC.	FREEPORT	TX				
SIC	2879	VCCA	77541-THDWC-BUILD	DOW CHEMICAL CO. FREEPORT FACILITY	FREEPORT	TX				
SIC	2869	VCCA	77571-LPRTC-2400M	OXY VINYL L.P. LA PORTE VCM PLANT	LA PORTE	TX				
SIC	2869	VCCA	77592-NNCRB-33015	UNION CARBIDE CORP. TEXAS CITY PLANT	TEXAS CITY	TX				
Load			77643-WSTMN-HWY73	ONYX Environmental Services L.L.C.	Port Arthur	TX	Direct	Toxaphene	23	0
Load			77643-WSTMN-HWY73	ONYX Environmental Services L.L.C.	Port Arthur	TX	Direct	Chlordane	133	0
Load			77643-WSTMN-HWY73	ONYX Environmental Services L.L.C.	Port Arthur	TX	Direct	Heptachlor	28.6	0
SIC	2911	CWT	77704-NCHSR-GULFS	LNVA - NORTH REGIONAL TREATMENT PLANT	BEAUMONT	TX				
SIC	2821	VCCA	77978-FRMS-POBOX	FORMOSA PLASTICS CORP. TEXAS	POINT COMFORT	TX				
SIC	2819	2819N	77978-LMNM-STATE	ALCOA WORLD ALUMINA L.L.C. POINT COMFORT OPS.	POINT COMFORT	TX				
SIC	2869	VCCA	78359-CCDNT-HWY36	OCCIDENTAL CHEMICAL CORP.	GREGORY	TX				
SIC	2812	VCCA	89015-PNRCH-8000L	PIONEER AMERICAS L.L.C.	HENDERSON	NV				
SIC	2096	2095	90509-FRMRB-20333	FARMER BROS CO.	TORRANCE	CA				
SIC		3672	90630-RNLDC-310E4	ARNOLD ELECTRONICS INC.	LA HABRA	CA				

**Table 3-A (Continued)**

Type of Change	Old SIC	New SIC	TRI ID	Facility Name	City	State	Discharge Type	Chemical	Old Load (lb/yr)	New Load (lb/yr)
SIC	5091	2899	97217-CMCMF-6840N	CAMCO MFG. INC.	PORTLAND	OR				
SIC	2911	2951	98177-PNTWL-20500	CHEVRON PRODS. CO. RICHMOND BEACH ASPHALT REFY.	SEATTLE	WA				
SIC	2819	VCCA	98421-CCDNT-605AL	PIONEER AMERICAS	TACOMA	WA				

**Table 3-B. POTW Removals**

CAS Number	Chemical	POTW Removal
4080313	1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane	45%
354110	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	62%
630206	1,1,1,2-Tetrachloroethane	59%
71556	1,1,1-Trichloroethane	90%
354143	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	62%
79345	1,1,2,2-Tetrachloroethane	33%
79005	1,1,2-Trichloroethane	40%
13474889	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-22	100%
812044	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	97%
111512562	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-22	100%
1717006	1,1-Dichloro-1-fluoroethane	91%
57147	1,1-Dimethyl Hydrazine	75%
96184	1,2,3-Trichloropropane	52%
120821	1,2,4-Trichlorobenzene	86%
95636	1,2,4-Trimethylbenzene	94%
106887	1,2-Butylene oxide	76%
96128	1,2-Dibromo-3-chloropropane (DBCP)	33%
106934	1,2-Dibromoethane	54%
124732	1,2-Dibromotetrafluoroethane	98%
422446	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-22	100%
354234	1,2-Dichloro-1,1,2-trifluoroethane	97%
431867	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-22	100%
1649087	1,2-Dichloro-1,1-difluoroethane	95%
95501	1,2-Dichlorobenzene	89%
107062	1,2-Dichloroethane	89%
540590	1,2-Dichloroethylene	72%
78875	1,2-Dichloropropane	68%
122667	1,2-Diphenylhydrazine	62%
95545	1,2-Phenylenediamine	45%
615281	1,2-Phenylenediamine dihydrochloride	45%
106990	1,3-Butadiene	97%
507551	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	100%
136013791	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-22	100%
541731	1,3-Dichlorobenzene	77%
542756	1,3-Dichloropropylene	83%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
108452	1,3-Phenylenediamine	45%
764410	1,4-Dichloro-2-butene	90%
106467	1,4-Dichlorobenzene	75%
624180	1,4-Phenylenediamine dihydrochloride	45%
82280	1-Amino-2-methyl-anthraquinone	86%
35691657	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	46%
354256	1-Chloro-1,1,2,2-tetrafluoroethane	100%
75683	1-Chloro-1,1-difluoroethane	97%
128903219	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-22	100%
306832	2,2-Dichloro-1,1,1-trifluoroethane	97%
2655154	2,3,5-trimethylphenyl methylcarbamate	78%
422480	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-22	100%
78886	2,3-Dichloropropene	66%
95954	2,4,5-Trichlorophenol	75%
88062	2,4,6-Trichlorophenol	28%
94757	2,4-D ((2,4-dichlorophenoxy)acetic acid)	49%
53404378	2,4-D 2-ethyl-4-methylpentyl ester	100%
1928434	2,4-D 2-ethylhexyl ester	100%
1929733	2,4-D butoxyethyl ester	99%
94804	2,4-D butyl ester	100%
2971382	2,4-D chlorocrotyl ester	100%
94111	2,4-D isopropyl ester	98%
2702729	2,4-D sodium salt	94%
1320189	2,4-D, propylene glycol butyl ether ester	100%
94826	2,4-DB	89%
615054	2,4-Diaminoanisole	45%
39156417	2,4-Diaminoanisole sulfite	45%
95807	2,4-Diaminotoluene	45%
120832	2,4-Dichlorophenol	95%
105679	2,4-Dimethylphenol	51%
51285	2,4-Dinitrophenol	78%
121142	2,4-Dinitrotoluene	47%
541537	2,4-Dithiobiuret	49%
120365	2,4-DP (Dichlorprop)	66%
606202	2,6-Dinitrotoluene	78%

**Table 3-B (Continued)**

CAS Number	Chemical	POTW Removal
87627	2,6-Xylidine	47%
53963	2-Acetylaminofluorene	58%
117793	2-Aminoanthraquinone	48%
2837890	2-Chloro-1,1,1,2-tetrafluoroethane	100%
75887	2-Chloro-1,1,1-trifluoroethane	99%
532274	2-Chloroacetophenone	46%
110805	2-Ethoxyethanol	92%
149304	2-Mercaptobenzothiazole	48%
109864	2-Methoxyethanol	92%
75865	2-Methylactonitrile	100%
109068	2-Methylpyridine	92%
88755	2-Nitrophenol	27%
79469	2-Nitropropane	76%
90437	2-Phenylphenol	95%
422560	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-22	100%
91941	3,3'-Dichlorobenzidine	68%
612839	3,3'-Dichlorobenzidine dihydrochloride	68%
64969342	3,3'-Dichlorobenzidine sulfate	68%
119904	3,3'-Dimethoxybenzidine	46%
20325400	3,3'-Dimethoxybenzidine dihydrochloride	46%
111984099	3,3'-Dimethoxybenzidine hydrochloride	46%
119937	3,3'-Dimethylbenzidine	77%
612828	3,3'-Dimethylbenzidine dihydrochloride	55%
41766750	3,3'-Dimethylbenzidine dihydrofluoride	48%
460355	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	99%
563473	3-Chloro-2-methyl-1-propene	96%
542767	3-Chloropropionitrile	46%
55406536	3-Iodo-2-propynyl butylcarbamate	77%
101804	4,4'-Diaminodiphenylether	76%
101688	4,4'-Diphenylmethane diisocyanate	100%
80057	4,4'-Isopropylidenediphenol	86%
101144	4,4'-Methylenebis(2-chloroaniline)	82%
101611	4,4'-Methylenebis(N,N-dimethylbenzenamine)	93%
101779	4,4'-Methylenedianiline	75%
139651	4,4'-Thiodianiline	47%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
534521	4,6-Dinitro-o-cresol	47%
60093	4-Aminoazobenzene	65%
92671	4-Aminodiphenyl	53%
60117	4-Dimethylaminoazobenzene	96%
92933	4-Nitrobiphenyl	93%
100027	4-Nitrophenol	78%
99592	5-Nitro-o-anisidine	46%
99558	5-Nitro-o-toluidine	46%
71751412	Abamectin	98%
30560191	Acephate	45%
75070	Acetaldehyde	92%
60355	Acetamide	92%
75058	Acetonitrile	75%
98862	Acetophenone	95%
62476599	Acifluorfen, sodium salt	75%
107028	Acrolein	78%
79061	Acrylamide	92%
79107	Acrylic acid	92%
107131	Acrylonitrile	95%
15972608	Alachlor	89%
116063	Aldicarb	46%
309002	Aldrin	99%
107186	Allyl alcohol	92%
107051	Allyl chloride	84%
107119	Allylamine	75%
319846	alpha-Hexachlorocyclohexane	85%
134327	alpha-Naphthylamine	76%
7429905	Aluminum (fume or dust)	91%
1344281	Aluminum oxide (fibrous forms)	2%
20859738	Aluminum phosphide	2%
834128	Ametryn	55%
33089611	Amitraz	99%
61825	Amitrole	45%
7664417	Ammonia	39%
6484522	Ammonium nitrate (solution)	2%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
7783202	Ammonium sulfate	2%
101053	Anilazine	81%
62533	Aniline	93%
120127	Anthracene	96%
7440360	Antimony	67%
N010	Antimony compounds	67%
7440382	Arsenic	66%
N020	Arsenic compounds	66%
1332214	Asbestos (friable)	0%
1912249	Atrazine	26%
492808	Auramine	50%
7440393	Barium	55%
N040	Barium compounds	55%
22781233	Bendiocarb	77%
1861401	Benfluralin	97%
17804352	Benomyl	51%
98873	Benzal chloride	100%
55210	Benzamide	92%
71432	Benzene	95%
92875	Benzidine	75%
191242	Benzo(g,h,i)perylene	0%
98077	Benzotrichloride	100%
98884	Benzoyl chloride	100%
94360	Benzoyl peroxide	97%
100447	Benzyl chloride	78%
7440417	Beryllium	61%
N050	Beryllium compounds	61%
91598	beta-Naphthylamine	77%
57578	beta-Propiolactone	96%
82657043	Bifenthrin	100%
92524	Biphenyl	96%
108601	Bis(2-chloro-1-methethyl)ether	50%
111911	Bis(2-chloroethoxy)methane	23%
111444	Bis(2-chloroethyl)ether	23%
542881	Bis(chloromethyl)ether	100%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
56359	Bis(tributyltin) oxide	91%
10294345	Boron trichloride	2%
7637072	Boron trifluoride	2%
314409	Bromacil	47%
53404196	Bromacil lithium salt	46%
7726956	Bromine	2%
353593	Bromochlorodifluoromethane	97%
75252	Bromoform (Tribromomethane)	55%
74839	Bromomethane (Methyl bromide)	77%
75638	Bromotrifluoromethane (Halon 1301)	99%
1689845	Bromoxynil	87%
1689992	Bromoxynil octanoate	100%
357573	Brucine	46%
141322	Butyl acrylate	93%
123728	Butyraldehyde	92%
4680788	C.I. Acid Green 3	45%
6459945	C.I. Acid Red 114	100%
569642	C.I. Basic Green 4	45%
989388	C.I. Basic Red 1	100%
1937377	C.I. Direct Black 38	98%
28407376	C.I. Direct Blue 218	0%
2602462	C.I. Direct Blue 6	54%
16071866	C.I. Direct Brown 95	100%
2832408	C.I. Disperse Yellow 3	84%
81889	C.I. Food Red 15	46%
3761533	C.I. Food Red 5	49%
3118976	C.I. Solvent Orange 7	100%
842079	C.I. Solvent Yellow 14	99%
97563	C.I. Solvent Yellow 3	91%
128665	C.I. Vat Yellow 4	99%
7440439	Cadmium	90%
N078	Cadmium compounds	90%
156627	Calcium cyanamide	2%
133062	Captan	77%
63252	Carbaryl	93%



**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
1563662	Carbofuran	93%
75150	Carbon disulfide	84%
56235	Carbon tetrachloride	93%
463581	Carbonyl sulfide	96%
5234684	Carboxin	76%
120809	Catechol	92%
76142	CFC 114 (1,2-dichloro,1,1,2,2-tetrafluoroethane)	100%
76153	CFC 115 (chloropentafluoroethane)	100%
75694	CFC-11 (trichlorofluoromethane)	77%
75718	CFC-12 (dichlorodifluoromethane)	99%
2439012	Chinomethionat (6-methyl-1,3-dithiolo[4,5-b]quinox	77%
133904	Chloramben	46%
57749	Chlordane	99%
115286	Chlorendic acid	33%
90982324	Chlorimuron ethyl	77%
7782505	Chlorine	2%
10049044	Chlorine dioxide	2%
79118	Chloroacetic acid	92%
108907	Chlorobenzene	96%
510156	Chlorobenzilate	97%
75456	Chlorodifluoromethane (HCFC-22)	61%
75003	Chloroethane (Ethyl chloride)	78%
67663	Chloroform	73%
74873	Chloromethane	88%
107302	Chloromethyl methyl ether	100%
N084	Chlorophenols	96%
76062	Chloropicrin	62%
126998	Chloroprene	96%
63938103	Chlorotetrafluoroethane	100%
1897456	Chlorothalonil	82%
75729	Chlorotrifluoromethane	100%
5598130	Chlorpyrifos methyl	98%
64902723	Chlorsulfuron	47%
7440473	Chromium	80%
N090	Chromium compounds	80%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
7440484	Cobalt	10%
N096	Cobalt compounds	10%
7440508	Copper	84%
N100	Copper compounds	84%
8001589	Creosote, coal tar	0%
1319773	Cresol (mixed isomers)	92%
4170303	Crotonaldehyde	92%
98828	Cumene	98%
80159	Cumene hydroperoxide	76%
135206	Cupferron	22%
21725462	Cyanazine	24%
N106	Cyanide compounds	70%
1134232	Cycloate	94%
110827	Cyclohexane	89%
108930	Cyclohexanol	92%
68359375	Cyfluthrin	100%
68085858	Cyhalothrin	100%
533744	Dazomet	97%
53404607	Dazomet, sodium salt	46%
1163195	Decabromodiphenyl ether	99%
13684565	Desmedipham	91%
117817	Di(2-ethylhexyl) phthalate	60%
2303164	Diallate	86%
25376458	Diaminotoluene (mixed isomers)	85%
333415	Diazinon	93%
334883	Diazomethane	92%
132649	Dibenzofuran	98%
84742	Dibutyl phthalate	85%
1918009	Dicamba	47%
99309	Dichloran	51%
90454185	Dichloro-1,1,2-trifluoroethane	97%
25321226	Dichlorobenzene (mixed isomers)	75%
75274	Dichlorobromomethane	64%
75434	Dichlorofluoromethane	71%
75092	Dichloromethane	54%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
127564925	Dichloropentafluoropropane	100%
97234	Dichlorophene	78%
34077877	Dichlorotrifluoroethane	97%
62737	Dichlorvos	75%
51338273	Diclofop methyl	96%
115322	Dicofol	98%
77736	Dicyclopentadiene	97%
1464535	Diepoxybutane	75%
111422	Diethanolamine	92%
38727558	Diethyl ethyl	90%
64675	Diethyl sulfate	95%
35367385	Diflubenzuron	94%
101906	Diglycidyl resorcinol ether	75%
94586	Dihydrosafrole	71%
N120	Diisocyanates	0%
55290647	Dimethipin	45%
60515	Dimethoate	45%
2524030	Dimethyl chlorothiophosphate	97%
131113	Dimethyl phthalate	78%
77781	Dimethyl sulfate	97%
124403	Dimethylamine	92%
2300665	Dimethylamine dicamba	46%
79447	Dimethylcarbaryl chloride	100%
88857	Dinitrobutyl phenol (Dinoseb)	46%
25321146	Dinitrotoluene (mixed isomers)	47%
39300453	Dinocap	100%
123911	Dioxane	46%
N150	Dioxin and dioxin-like compounds	83%
957517	Diphenamid	53%
122394	Diphenylamine	77%
2164070	Dipotassium endothall	76%
136458	Dipropyl isocinchomeronate	97%
138932	Disodium cyanodithioimidocarbonate	78%
330541	Diuron	51%
2439103	Dodine	75%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
28057489	D-trans-allethrin (D-trans-chrysanthemic acid of D	99%
106898	Epichlorohydrin	46%
13194484	Ethoprop	71%
140885	Ethyl acrylate	92%
541413	Ethyl chloroformate	82%
759944	Ethyl dipropylthiocarbamate	60%
100414	Ethylbenzene	94%
74851	Ethylene	99%
107211	Ethylene glycol	92%
75218	Ethylene oxide	92%
96457	Ethylene thiourea	45%
N171	Ethylenebisdithiocarbamic acid, salts and esters	2%
151564	Ethyleneimine (Aziridine)	46%
75343	Ethylidene dichloride	70%
52857	Famphur	76%
60168889	Fenarimol	71%
13356086	Fenbutatin oxide (Vendex)	94%
66441234	Fenoxaprop ethyl	100%
72490018	Fenoxycarb	98%
39515418	Fenpropathrin	100%
55389	Fenthion	96%
51630581	Fenvalerate	100%
14484641	Ferbam	45%
69806504	Fluazifop butyl	100%
2164172	Fluometuron	48%
7782414	Fluorine	2%
51218	Fluorouracil (5-fluorouracil)	45%
69409945	Fluvalinate	100%
133073	Folpet	80%
72178020	Fomesafen	53%
50000	Formaldehyde	92%
64186	Formic acid	92%
76131	Freon 113	100%
N230	Glycol ethers	92%
76448	Heptachlor	99%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
87683	Hexachloro-1,3-butadiene	95%
118741	Hexachlorobenzene	98%
77474	Hexachlorocyclopentadiene	99%
67721	Hexachloroethane	77%
1335871	Hexachloronaphthalene	99%
70304	Hexachlorophene	99%
680319	Hexamethylphosphoramide	45%
51235042	Hexazinone	85%
67485294	Hydramethylnon	100%
302012	Hydrazine	85%
10034932	Hydrazine sulfate	2%
7647010	Hydrochloric acid	100%
74908	Hydrogen cyanide	7%
7664393	Hydrogen fluoride	2%
123319	Hydroquinone	92%
35554440	Imazalil	79%
13463406	Iron pentacarbonyl	0%
78842	Isobutyraldehyde	92%
465736	Isodrin	99%
25311711	Isofenphos	96%
67630	Isopropyl alcohol	92%
120581	Isosafrole	64%
77501634	Lactofen	99%
7439921	Lead	77%
N420	Lead compounds	77%
58899	Lindane	75%
330552	Linuron	59%
554132	Lithium carbonate	2%
121755	Malathion	93%
108316	Maleic anhydride	100%
109773	Malononitrile	45%
12427382	Maneb	2%
7439965	Manganese	41%
N450	Manganese compounds	41%
108394	m-Cresol	92%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
99650	m-Dinitrobenzene	46%
93652	Mecoprop	58%
7439976	Mercury	90%
N458	Mercury compounds	90%
150505	Merphos	100%
126987	Methacrylonitrile	76%
137428	Metham sodium	76%
67561	Methanol	92%
20354261	Methazole	60%
2032657	Methiocarb	81%
94746	Methoxone (MCPA)	61%
3653483	Methoxone sodium salt	75%
72435	Methoxychlor	99%
96333	Methyl acrylate	92%
79221	Methyl chlorocarbonate	100%
78933	Methyl ethyl ketone	97%
60344	Methyl hydrazine	75%
74884	Methyl iodide	75%
108101	Methyl isobutyl ketone	88%
624839	Methyl isocyanate	100%
556616	Methyl isothiocyanate	100%
80626	Methyl methacrylate	100%
298000	Methyl parathion	94%
1634044	Methyl tert-butyl ether	53%
74953	Methylene bromide	56%
9006422	Metiram	2%
21087649	Metribuzin	46%
7786347	Mevinphos	92%
90948	Michlers Ketone	60%
2212671	Molinate	60%
1313275	Molybdenum trioxide	3%
150685	Monuron	23%
505602	Mustard gas	100%
108383	m-Xylene	65%
88671890	Myclobutanil	68%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
121697	N,N-Dimethylaniline	49%
68122	N,N-Dimethylformamide	85%
142596	Nabam	90%
300765	Naled	75%
91203	Naphthalene	95%
71363	n-Butyl alcohol	92%
110543	n-Hexane	100%
7440020	Nickel	51%
N495	Nickel compounds	51%
N503	Nicotine and salts	2%
1929824	Nitrapyrin	66%
N511	Nitrate compounds	90%
7697372	Nitric acid	100%
139139	Nitrilotriacetic acid	92%
98953	Nitrobenzene	92%
1836755	Nitrofen	96%
51752	Nitrogen mustard	99%
55630	Nitroglycerin	75%
872504	N-methyl-2-pyrrolidone	92%
924425	N-methylolacrylamide	92%
55185	N-Nitrosodiethylamine	22%
62759	N-Nitrosodimethylamine	78%
924163	N-Nitrosodi-n-butylamine	47%
621647	N-Nitrosodi-n-propylamine	46%
86306	N-Nitrosodiphenylamine	90%
4549400	N-Nitrosomethylvinylamine	59%
59892	N-Nitrosomorpholine	45%
759739	N-Nitroso-N-ethylurea	45%
684935	N-Nitroso-N-methylurea	45%
16543558	N-Nitrosornicotine	45%
100754	N-Nitrosopiperidine	77%
27314132	Norflurazon	48%
90040	o-Anisidine	75%
134292	o-Anisidine hydrochloride	46%
95487	o-Cresol	53%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
2234131	Octachloronaphthalene	99%
29082744	Octochlorostyrene	0%
528290	o-Dinitrobenzene	46%
19044883	Oryzalin	51%
20816120	Osmium tetroxide	3%
95534	o-Toluidine	93%
636215	o-Toluidine hydrochloride	46%
19666309	Oxadiazon	97%
301122	Oxydemeton methyl	75%
42874033	Oxyfluorfen	97%
95476	o-Xylene	77%
10028156	Ozone	2%
104949	p-Anisidine	92%
123637	Paraldehyde	45%
1910425	Paraquat dichloride	45%
56382	Parathion	98%
106478	p-Chloroaniline	46%
95692	p-Chloro-o-toluidine	48%
104121	p-Chlorophenyl isocyanate	99%
120718	p-Cresidine	46%
106445	p-Cresol	72%
100254	p-Dinitrobenzene	46%
1114712	Pebulate	98%
40487421	Pendimethalin	99%
608935	Pentachlorobenzene	84%
76017	Pentachloroethane	58%
87865	Pentachlorophenol	36%
57330	Pentobarbital sodium	47%
594423	Perchloromethyl mercaptan	88%
52645531	Permethrin	100%
79210	Peroxyacetic acid	92%
85018	Phenanthrene	95%
108952	Phenol	95%
26002802	Phenothrin	100%
57410	Phenytoin	49%



**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
75445	Phosgene	100%
7803512	Phosphine	2%
7723140	Phosphorus (yellow or white)	69%
85449	Phthalic anhydride	99%
1918021	Picloram	10%
88891	Picric acid	22%
51036	Piperonyl butoxide	97%
29232937	Pirimiphos methyl	97%
100016	p-Nitroaniline	46%
156105	p-Nitrosodiphenylamine	58%
N575	Polybrominated biphenyls (PBBs)	94%
N583	Polychlorinated alkanes	0%
1336363	Polychlorinated biphenyls (PCBs)	99%
N590	Polycyclic aromatic compounds	93%
7758012	Potassium bromate	2%
128030	Potassium dimethyldithiocarbamate	77%
137417	Potassium N-methyldithiocarbamate	76%
106503	p-Phenylenediamine	45%
41198087	Profenofos	99%
7287196	Prometryn	44%
23950585	Pronamide	70%
1918167	Propachlor	76%
1120714	Propane sultone	71%
709988	Propanil	56%
2312358	Propargite	100%
107197	Propargyl alcohol	92%
31218834	Propetamphos	78%
60207901	Propiconazole	68%
123386	Propionaldehyde	92%
114261	Propoxur	92%
115071	Propylene (Propene)	99%
75569	Propylene oxide	92%
75558	Propyleneimine	75%
106423	p-Xylene	96%
110861	Pyridine	95%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
91225	Quinoline	76%
106514	Quinone	52%
82688	Quintozene	90%
76578148	Quizalofop-ethyl	98%
10453868	Resmethrin	100%
78488	S,S,S-tributyltrithiophosphate	100%
81072	Saccharin (manufacturing)	75%
94597	Safrole	67%
78922	sec-Butyl alcohol	92%
7782492	Selenium	34%
N725	Selenium compounds	34%
74051802	Sethoxydim	84%
7440224	Silver	88%
N740	Silver compounds	88%
122349	Simazine	23%
26628228	Sodium azide	2%
1982690	Sodium dicamba	47%
128041	Sodium dimethyldithiocarbamate	77%
62748	Sodium fluoroacetate	75%
7632000	Sodium nitrite	2%
132274	Sodium o-phenylphenoxide	95%
131522	Sodium pentachlorophenate	96%
N746	Strychnine and salts	2%
100425	Styrene	94%
96093	Styrene oxide	75%
7664939	Sulfuric acid	100%
2699798	Sulfuryl fluoride (Vikane)	2%
35400432	Sulprofos	100%
34014181	Tebuthiuron	23%
3383968	Temephos	100%
5902512	Terbacil	46%
75650	tert-Butyl alcohol	46%
79947	Tetrabromobisphenol-A (TBBPA)	0%
127184	Tetrachloroethylene (Perchloroethylene)	85%
961115	Tetrachlorvinphos	89%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
64755	Tetracycline hydrochloride	45%
7696120	Tetramethrin	99%
7440280	Thallium	54%
N760	Thallium compounds	54%
148798	Thiabendazole	49%
62555	Thioacetamide	46%
28249776	Thiobencarb	65%
59669260	Thiodicarb	75%
23564069	Thiophanate ethyl	87%
23564058	Thiophanate-methyl	75%
79196	Thiosemicarbazide	45%
62566	Thiourea	75%
137268	Thiram	75%
1314201	Thorium dioxide	3%
7550450	Titanium tetrachloride	2%
108883	Toluene	96%
584849	Toluene-2,4-diisocyanate	99%
91087	Toluene-2,6-diisocyanate	99%
26471625	Toluenediisocyanate	99%
8001352	Toxaphene	99%
10061026	trans-1,3-Dichloropropene	79%
110576	trans-1,4-Dichloro-2-butene	80%
43121433	Triadimefon	52%
2303175	Triallate	95%
68768	Triaziquone	45%
101200480	Tribenuron methyl	78%
1983104	Tributyltin fluoride	50%
2155706	Tributyltin methacrylate	38%
52686	Trichlorfon	92%
76028	Trichloroacetyl chloride	100%
79016	Trichloroethylene	87%
57213691	Triclopyr triethylammonium salt	75%
121448	Triethylamine	48%
1582098	Trifluralin	97%
26644462	Triforine	76%

**Table 3-B (Continued)**

<b>CAS Number</b>	<b>Chemical</b>	<b>POTW Removal</b>
639587	Triphenyltin chloride	39%
76879	Triphenyltin hydroxide	14%
126727	Tris(2,3-dibromopropyl)phosphate	100%
72571	Trypan blue	45%
51796	Urethane (Ethyl carbamate)	45%
7440622	Vanadium	8%
N770	Vanadium compounds	8%
50471448	Vinclozolin	68%
108054	Vinyl acetate	92%
593602	Vinyl bromide	95%
75014	Vinyl chloride	92%
75354	Vinylidene chloride (1,1-dichloroethylene)	78%
N874	Warfarin and salts	3%
1330207	Xylene (mixed isomers)	96%
7440666	Zinc (fume or dust)	79%
N982	Zinc compounds	79%
12122677	Zineb	98%

Source: Memorandum: Publicly Owned Treatment Works (POTW) Percent Removals Used for the *TRIReleases2002* Database

**Attachment 4**

**“TWFS” TABLE  
(12/04 TWFS with RSC only)**

**Table 4-A. TWFs**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	354110	
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	354143	
1,1-dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	13474889	
1,1-Dichloro-1,2,2-trifluoroethane	812044	
1,1-dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	111512562	
1,1-Dichloro-1-fluoroethane	1717006	
1,1'-oxybis-2-propanol	110985	1.70731082691161E-06
1,2-dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	422446	
1,2-Dichloro-1,1,2-trifluoroethane	354234	
1,2-dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	431867	
1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1649087	
1,2-Phenylenediamine	95545	
1,2-Phenylenediamine dihydrochloride	615281	
1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	507551	
1,3-dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	136013791	
1,3-Phenylenediamine	108452	3.80666859603427E-04
1,4-Dichloro-2-butene	764410	
1,4-Phenylenediamine dihydrochloride	624180	
1-Chloro-1,1,2,2-tetrafluoroethane	354256	
1-Chloro-1,1-difluoroethane	75683	
2,2,4-trimethyl-1,3-dioxolane	1193119	1.25687352710134E-04
2,2-dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	128903219	
2,2-Dichloro-1,1,1-trifluoroethane	306832	
2,3-dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	422480	
2,4-D 2-ethyl-4-methylpentyl ester	53404378	
2,4-D 2-ethylhexyl ester	1928434	
2,4-D butoxyethyl ester	1929733	
2,4-D butyl ester	94804	
2,4-D chlorocrotyl ester	2971382	
2,4-D isopropyl ester	94111	
2,4-D propylene glycol butyl ether ester	1320189	
2,4-D sodium salt	2702729	
2-[2-[2-[4-(1,1,3,3-tetramethylbutyl) Phenoxy] Ethoxy] Ethoxy] Ethanol	2315620	
2-[2-[4-(1,1,3,3-tetramethylbutyl) Phenoxy] Ethoxy] Ethanol	2315619	

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
2-Chloro-1,1,1,2-tetrafluoroethane	2837890	
2-Chloro-1,1,1-trifluoro-ethane (HCFC-133a)	75887	
2-Mercaptobenzothiazole (MBT)	149304	
3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	422560	
3,3'-Dichlorobenzidine dihydrochloride	612839	
3,3'-Dichlorobenzidine sulfate	64969342	
3,3'-Dimethoxybenzidine dihydrochloride	20325400	
3,3'Dimethoxybenzidine hydrochloride	111984099	
3,3'-Dimethylbenzidine dihydrochloride	612828	
3,3'-Dimethylbenzidine dihydrofluoride	41766750	
3,4-Dichlorobenzoic acid	51445	
3,5,5-trimethylhexanoic Acid	3302101	2.98826040554963E-03
3-Chloro-1,1,1-trifluoro-propane (HCFC-253fb)	460355	
3-Chloro-2-methyl-1-propene	563473	
3-Chloro-p-toluidine hydrochloride	7745893	0.035
4,4-Dimethyloxazolidine	51200874	1.2444444444444444E-03
4-Chloro-3,5-xylenol	88040	0.1555555555555556
5-methyl-1H-benzotriazole	136856	3.38593627184231E-04
Abamectin	71751412	
Acenaphthene	83329	3.25697435897436E-02
Acenaphthylene	208968	8.42105263157895E-03
Acephate	30560191	5.39710447761194E-02
Acetaldehyde	75070	2.20458181818182E-03
Acetamide	60355	4.21052631578947E-06
Acetamide N-(4-(5-nitro-2-furyl)-thiazolyl)	531828	
Acetic acid	64197	7.08860759493671E-04
Acetone	67641	8.4610718113612E-06
Acetone cyanohydrin	75865	
Acetone thiosemicabazide	1752303	
Acetonitrile	75058	2.13038540826387E-04
Acetophenone	98862	3.34099054479964E-04
Acetosyringone	2478388	
Acetyl chloride	75365	1.3333333333333333E-03
Acetylamino fluorene, 2-	53963	6.79611650485437E-03
Acetylthiourea	591082	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Acid Yellow 17	6359984	3.1111111111111111E-04
Acifluorfen \ Blazer	50594664	3.29411764705882E-03
Acifluorfen, sodium salt	62476599	
Acrolein	107028	0.98056724137931
Acrylamide	79061	0.51912
Acrylic acid	79107	1.52271604938272E-04
Acrylonitrile	107131	2.2792
Acrylyl chloride	814686	
Actinomycin D	50760	
Adipates	4000	
Adsorbable Organic Halides (AOX)	59473040	
Aflatoxin B1	1162658	
Aflatoxins	4402682	17864
Alachlor / Lasso	15972608	1.77709665327979
Aldicarb \ Temik	116063	0.604950537634409
Aldrin	309002	11140.0545454545
ALDRIN + DIELDRIN	900	10850.42727
Alkyl(amino)-3-aminopropane	61791637	1.09375
Alkyl(amino)-3-aminopropane dia	61791648	0.35
Alkylamine	7000	
Allethrin	584792	21.5384615384615
Allethrin, d-trans-	28057489	
Allyl alcohol	107186	8.49604848484848E-02
Allyl chloride	107051	3.35264256825076E-03
Allylamine	107119	2.53393665158371E-03
Allylanisole, p-	140670	
alpha-chlordane; cis-chlordane	5103719	3868.52558139535
Aluminum	7429905	0.064691216091954
Aluminum oxide	1344281	
Aluminum phosphide (AIP)	20859738	
Ametryn	834128	0.03514
Amino-9-ethyl carbazole, 3-	132321	
Aminoacetophenone, m-	99036	1.46596858638743E-04
Aminoanthraquinone, 2-	117793	2.21343873517787E-03
Aminoazobenzene, p-	60093	4.55284552845528E-03



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Aminoazotoluene, o-	97563	0.0448
Aminobiphenyl, 4-	92671	1.05065666041276E-02
Aminocarb \ Matacil	2032599	4.66666666666667
Aminopterin	54626	
Amiton	78535	
Amiton oxalate	3734972	
Amitraz	33089611	0.37954358974359
Amitrole	61825	3.11111111111111E-03
Ammonia as N	-7664417	1.34939759036145E-03
Ammonia as NH3	7664417	1.50537634408602E-03
Ammonium bichromate	7789095	
Ammonium chloroplatinate	16919587	
Ammonium chromate	7788989	
Ammonium Hydroxide	1336216	3.73333333333333E-03
Ammonium Nitrate	6484522	9.34267600934268E-04
Ammonium Perchlorate as ClO4	7790989	9.33333333333333E-03
Ammonium Sulfate	7783202	1.52588555858311E-03
Ammonium vanadate	7803556	
Amobam	3566107	3.14253647586981E-03
Amphetamine	300629	
Amyl Acetate, n-	628637	8.61538461538461E-04
Ancymidol	12771685	0.00056
Anilazine \ Dyrene	101053	207.409367407407
Aniline	62533	6.85872727272727E-03
Aniline hydrochloride	142041	
Anisidine hydrochloride, o-	134292	
Anisidine, o-	90040	9.67184801381693E-04
Anisylalcohol, p-	105135	
Anthracene	120127	2.54559454545455
Anthraquinone, 1-amino-2-methyl-	82280	4.70588235294118E-03
Anthraquinone, 2-methyl-1-nitro	129157	
Anthraquinone, 9,10-	84651	
Antimony	7440360	0.01225
Antimony compounds	N010	0.01225
Antimony pentafluoride	7783702	

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Antimycin A	1397940	7000
AOP	7001	
Aramite	140578	0.9333333333333333
Arsenates	2002	
Arsenic	7440382	4.041333333333333
Arsenic (III)	22541544	10.8094736842105
Arsenic (V)	17428410	10.8458823529412
Arsenic acid	7778394	0.004
Arsenic acid, dimethyl-, sodium salt	124652	
Arsenic compounds	N020	4.041333333333
Arsenic disulfide	1303328	
Arsenic hydride	7784421	
Arsenic pentoxide	1303282	
Arsenic trichloride	7784341	
Arsenic trioxide	1327533	0.000056
Arsenic trisulfide	1303339	4.14814814814815E-04
Arsenites	2003	
Arsenobenzene	637036	
Arsonous dichloride, (2-chloroethenyl)-	541253	
Asbestos	1332214	
Aspon	3244904	0.8
Atrazine	1912249	2.31093333333333
Aurimine	492808	
Azaserine	115026	
Azinphos ethyl	2642719	50.9090909090909
Azinphos methyl \ Guthion, methyl-	86500	56.0756777777778
Aziridine	151564	7.54716981132075E-03
Azobenzene	103333	
Azulene	275514	
Bacillus Thuringiensis	23526025	
Bacitracin	1405874	
Barban \ Carbyne	101279	
Barium	7440393	1.99075719872023E-03
Barium compounds	N040	1.99075719872023E-03
Barium cyanide	542621	0.00000588

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Barium metaborate	13701592	2.75862068965517E-03
Basalin \ Fluchoralin	33245395	
Basic green 1, C.I. \ Brillant green	633034	
BBTAC	51350846	
Behenic acid	112856	
Belclene 310	22936750	1.866666666666667E-02
Bendiocarb \ Ficam	22781233	0.121248936170213
Benfluralin/Benefin	1861401	0.203751515151515
Benomyl \ Benlate	17804352	10.001148
Bensulfuron Methyl	83055996	2.33333333333333E-04
Bensulide \ Betesan	741582	0.08
Bentazon	25057890	5.8384553433144E-03
Benz(c)acridine	225514	
Benzal chloride	98873	1.19148936170213E-02
Benzaldehyde	100527	5.24456485981308E-02
Benzamide	55210	8.47201210287443E-05
Benzanilide	93981	
Benzanthrone	82053	
Benzenamine, 3-(trifluoromethyl)-	98168	
Benzene	71432	3.16780377358491E-02
BENZENE & ETHYLBENZENE & TOLUENE & XYLENE	902	0.010760738
Benzeneacetonitrile	140294	
Benzenesulfonyl chloride	98099	2.30452674897119E-02
Benzenesulphonic acid	98113	
Benzenethiol	108985	6.72133079847909
Benzethonium chloride	121540	0.04
Benzidine	92875	2817.59333333333
Benzidine sulfate	531862	
Benzo(a)anthracene	56553	36.26
Benzo(a)pyrene	50328	100.66
Benzo(b)fluoranthene	205992	30.66
Benzo(ghi)perylene	191242	0.3
Benzo(j)fluoranthene	205823	
Benzo(k)fluoranthene	207089	30.66
Benzofluorene, 2,3-	243174	0.155555555555556

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Benzofuran	271896	0.004
Benzoic acid	65850	3.3124837000815E-04
Benzonitrile	100470	2.07330618289522E-04
Benzophenone	119619	3.94366197183099E-03
Benzoquinone, p-	106514	1.24444444444444
Benzothiazole	95169	
Benzothiazole, 2-(methylthio)-	615225	
Benzotriazole	95147	1.39120065585174E-04
Benzotrichloride	98077	178.361696969697
Benzoyl chloride	98884	1.64222873900293E-03
Benzoyl peroxide	94360	
Benzyl acetate	140114	0.00001232
Benzyl alcohol	100516	5.61866666666667E-03
Benzyl benzoate	120514	2.40343347639485E-02
Benzyl bromide	100390	
Benzyl chloride	100447	0.7966
Beryllium	7440417	1.05660377358491
Beryllium chloride	7787475	
Beryllium compounds	N050	1.05660377358
Beryllium fluoride	7787497	
Beryllium nitrate	13597994	
Beta particle and photon activity	4001	
beta-chlordane; trans-chlordane; gamma-chlordane	5103742	1993.22558139535
BHC, alpha-	319846	114.746153846154
BHC, beta-	319857	32.935
BHC, delta-	319868	3.54430379746835E-02
BHC, gamma- \ Lindane	58899	70.3266666666667
BHC, technical grade	608731	38.9822222222222
Bifenox	42576023	0.119148936170213
Bifenthrin	82657043	2545.45454545455
Bioquin	380286	
Biphenyl	92524	3.65558260869565E-02
Biphenylene	259790	
Bis(2-chloroethoxy) methane	111911	3.04347826086957E-04
Bis(2-chloroethyl) ether	111444	1.06289473684211

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Bis(2-chloroisopropyl) ether	108601	2.54332627657243E-02
Bis(2-ethoxyethyl) ether	112367	
Bis(2-ethylhexyl) phthalate	117817	0.2548
Bis(2-ethylhexyl)adipate	103231	2.24899598393574
Bis(chloromethyl)benzene	28347139	
Bis(chloromethyl)ether	542881	19.404
Bis(chloromethyl)ketone	534076	
Bis(chloromethyl)-oxetane, 3,3-	78717	
Bis(methylmercapto)ethane, 1,2-	6628188	
Bis(trichloromethyl)Sulfone	3064708	1.93103448275862
Bismuth	7440699	
Bolstar \ Sulprofos	35400432	1.07692307692308E-02
Borax	12447404	
Boric Acid	10043353	6.0021436227224E-04
Borneol	507700	
Boron	7440428	0.177215189873418
Boron trichloride	10294345	
Boron trifluoride	7637072	
Boron trifluoride:methyl ether (1:1)	353424	
Bromacil	314409	0.0056
Bromacil, lithium salt	53404196	
Bromadiolone	28771567	
Bromide	24959679	
Bromine	7726956	1.21739130434783E-02
Bromo-2-chlorobenzene, 1-	694804	4.68227424749164E-03
Bromo-3-chlorobenzene, 1-	108372	8.21114369501466E-03
Bromoacetone	598312	
Bromobenzene	108861	
Bromobutane, 1-	109659	1.52588555858311E-03
Bromochlorodifluoromethane	353593	
Bromochloroiodomethane	34970008	
Bromodichloromethane	75274	3.29180578376602E-02
Bromomethane	74839	0.05975
Bromophenol, o-	95567	
Bromophenol, p-	106412	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Bromophenoxybenzene	36563470	
Bromophenyl phenyl ether, 4-	101553	0.1333333333333333
Bromotrifluoromethane	75638	
Bromoxynil	1689845	2.091111111111111E-02
Bromoxynil octanoate	1689992	1.05660377358491
Bronopol	52517	1.555555555555556E-03
Brucine	357573	1.555555555555556E-03
Busamid \ Dazomet \ Mylone \ Nefusan	533744	9.49152542372881E-03
Busan 40	51026289	
Busan 72	21564170	0.9333333333333333
Busan 77 \ PBED	31512740	0.56
Busan 85	128030	0.9333333333333333
Busan 90	2491385	0.132701421800948
Butachlor	23184669	7.36842105263158E-03
Butadiene, 1,3-	106990	4.82908159390725
Butanal	123728	4.17910447761194E-03
Butanamine, 4-(diethoxymethylsilyl)-1-	3037727	
Butanoic acid, 3-methyl-, butyl ester	109193	
Butanoic acid, n-	107926	4.24242424242424E-04
Butanol, 1-	71363	1.023365783594E-04
Butanol, 4-(butylnitrosoamino)-1-	3817116	
Butoxyethanol, 2-	111762	3.75838926174497E-05
Butralin	33629479	0.151351351351351
Butyl acetate, n-	123864	3.11111111111111E-03
Butyl acrylate	141322	1.21739130434783E-02
Butyl benzyl phthalate	85687	2.44364615384615E-02
Butyl vinyl ether	111342	
Butylamine, n-	109739	7.90636603651047E-05
Butylate	2008415	0.267128666666667
Butylated hydroxy anisole	25013165	
Butylbenzene, n-	104518	0.154498139534884
Butylbenzene, sec-	135988	
Butylbenzenesulphonamide, n-	3622842	
Butylbenzoic acid, p-tert-	98737	0.014
Butylene oxide, 1,2-	106887	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Butylphenol, m-tert-	585342	
Butylphenol, p-tert- (in methanol)	98544	0.010873786407767
Butyltoluene, tert-	27138212	2.82828282828283E-02
Butyne-1,4-diol	110656	1.04477611940299E-03
Butyrolactone, beta-	3068880	
C.I. Acid Blue 9, diammonium salt	2650182	
C.I. Acid Blue, disodium salt	3844459	
C.I. Acid Green 25	4403901	9.03225806451613E-03
C.I. Acid Green 3	4680788	
C.I. Acid Red 114	6459945	
C.I. Basic Red 1	989388	
C.I. Direct Blue 218	28407376	
C.I. Disperse Yellow 3	2832408	3.11111111111111E-04
C.I. Food Red 15	81889	9.60548885077187E-04
C.I. Food Red 5	3761533	
C.I. Solvent Orange 7	3118976	0.66746126340882
C.I. Solvent Yellow 14	842079	0.148936170212766
C.I. Vat Yellow 4	128665	2.33333333333333E-02
Cadmium	7440439	23.1168
Cadmium acetate	543908	
Cadmium bromide	7789426	
Cadmium chloride	10108642	
Cadmium compounds	N078	23.1168
Cadmium oxide	1306190	
Cadmium stearate	2223930	
Cadmium sulfate	10124364	
Caffeine	58083	3.70860927152318E-04
Calcium	7440702	0.000028
Calcium arsenate	7778441	
Calcium arsenite	52740166	
Calcium chromate	13765190	
Calcium cyanamide	156627	
Calcium cyanide	592018	5.55333333333333E-04
Calcium hypochlorite	7778543	
Calcium Magnesium Acetate	102	0.000056

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Calcium polysulphide	1344816	0.007
Camphene	79925	4.30769230769231E-04
Camphor	76222	5.09090909090909E-04
Cantharidin	56257	
Caprylic acid	124072	
Captafol \ Difolatan	2425061	2.66855666666667
Captan	133062	1.6510679144385
Carbachol chloride	51832	
Carbam-S	128041	8.35820895522388E-02
Carbaryl \ Sevin	63252	280.00364
Carbazole	86748	0.709070996640538
Carbendazim	10605217	
Carbofuran \ Furadan	1563662	6.05028571428571E-02
Carbon dioxide	124389	
Carbon disulfide	75150	2.800161
Carbon oxyfluoride	353504	
Carbonothioic Dichloride	463718	
Carbonyl sulfide	463581	
Carbophenothion \ Trithion	786196	0.662721893491124
Carbosulfan	55285148	3.87193333333333
Carboxin	5234684	4.66666666666667E-02
Carene, 3-	13466789	
Carvone	2244168	
Catechol	120809	0.016
Cerium	7440451	
Cesium-139	10045973	
Chloral	75876	
Chloramben	133904	2.76883946392928E-03
Chlorambucil	305033	
Chlordane	57749	1993.22558139535
Chlordane, technical	12789036	3868.52558139535
Chlorendic acid	115286	
Chlorfenvinphos \ Supona	470906	0.281607762557078
Chlorflurenol	2536314	4.82758620689655E-02
Chloride	16887006	2.43478260869565E-05



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Chlorimuron Ethyl	90982324	0.028
Chlorinated benzenes, NOS	1064	
Chlorinated ethane, NOS	1065	
Chlorinated fluorocarbons, NOS	1066	
Chlorinated naphthalene, NOS	1067	1.80645161290323E-02
Chlorinated phenol, NOS	1068	
CHLORINATED PHENOLS	903	0.302745
Chlorine	7782505	0.509162181818182
Chlorine dioxide	7790934	6.91358024691358E-06
Chlorine Dioxide	10049044	0.16
Chlormephos	24934916	0.0224
Chlormequat chloride	999815	
Chlornaphazine	494031	
Chloro-2-nitroaniline, 4-	89634	
Chloro-3-nitrobenzene, 1-	121733	2.97872340425532E-03
Chloro-5-toluidine, 5-	95794	
Chloroacetaldehyde	107200	
Chloroacetic acid	79118	0.000805
Chloroacetonitrile	107142	4.14814814814815E-02
Chloroacetophenone, 2-	532274	0.361290322580645
Chloroalkylethers, NOS	1070	
Chloroaniline, m-	108429	
Chloroaniline, o-	95512	9.85915492957746E-03
Chloroaniline, p-	106478	0.028
Chlorobenzene	108907	2.93446666666667E-03
Chlorobenzilate	510156	79.2172181818182
Chlorobenzoic acid, 3-	535808	9.6551724137931E-04
Chlorobromomethane	74975	1.13795696084209E-04
Chlorocatechol, 4-	2138229	3.54430379746835E-02
Chlorocyclohexanol, trans-4-	29538770	
Chlorodifluoromethane	75456	
Chloroethane	75003	3.18899334567374E-03
Chloroethanesulfonyl chloride, 2-	1622328	
Chloroethanol, 2-	107073	1.51351351351351E-03
Chloroethene	75014	8.54829838833461E-02

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Chloroethyl chloroformate	627112	
Chloroethylvinyl ether, 2-	110758	7.27319955841288E-05
Chloroguaiacol, 4-	16766306	0.005
Chloroguaiacol, 5-	3743235	
Chloromethane	74873	5.35916061719324E-03
Chloromethyl methyl ether	107302	
Chloromethylbenzene	25168052	0.0112
Chloromethylpyridine hydrochloride, 3-	6959484	
Chloro-m-phenylenediamine, 4-	5131602	
Chloronaphthalene, 1-	90131	3.29411764705882E-02
Chloronaphthalene, 2-	91587	2.15995161290323E-02
Chloroneb	2675776	4.66666666666667E-03
Chlorooctane, n-	111853	
Chloro-o-phenylenediamine, 4-	95830	
Chloro-o-toluidine hydrochloride, 4-	3165933	
Chlorophacinone	3691358	3.73333333333333E-02
Chlorophenol, 2-	95578	5.61866666666667E-02
Chlorophenol, 3-	108430	
Chlorophenol, 4-	106489	2.46909090909091E-02
Chlorophenols	N084	0.441973333333333
Chlorophenoxyacetic acid (CPA)	122883	0.000448
Chlorophenylphenyl ether, 4-	7005723	0.121739130434783
Chloropicrin	76062	2.94736842105263
Chloroprene	126998	0.112172119276949
Chloropropane, 2-	75296	
Chloropropionitrile, 3-	542767	
Chloropropyl octyl sulfoxide, 3-	3569571	
Chloropyridine, 3-	626608	
Chlorosyringaldehyde	76341690	1.51351351351351E-02
Chlorotetrafluoroethane	63938103	
Chlorothalonil	1897456	7.38623923444976
Chlorotoluene, o-	95498	7.56756756756757E-04
Chlorotrifluoromethane (CFC-13)	75729	
Chlorovanillin, 5-	19463480	5.33333333333333E-03
Chlorovanillin, 6-	18268763	2.62910798122066E-02

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Chloroxuron	1982474	0.130232558139535
Chlorpropham	101213	8.7927445394112E-03
Chlorpyrifos \ Dursban	2921882	137.858899186992
Chlorpyrifos methyl	5598130	0.714
Chlorsulfuron	64902723	1.16666666666667E-04
Chlorthiophos	21923239	
Cholesterol	57885	
Chromic acetate	1066304	
Chromic acid	7738945	7.36842105263158E-02
Chromic sulfate	10101538	1.86666666666667
Chromium	7440473	7.56967085395254E-02
Chromium compounds	N090	0.07569670854
Chromium hexavalent	18540299	0.516557575757576
Chromium trichloride	10025737	
Chromium trivalent	16065831	0.075690609009009
Chromous acid	10049055	
Chrysene	218019	31.01
CI Acid Yellow 73	518478	
Cineole, 1,8-	470826	5.49019607843137E-04
Cinerin I	25402066	
Cinerin II	121200	
Cinnamic acid	621829	
Citrus red No. 2	6358538	
Clomazone	81777891	1.70212765957447E-03
Clonitralid	1420048	2.94736842105263E-04
Cloprop	101100	0.0007
Coal tars	8007452	
Cobalt	7440484	0.114285714285714
Cobalt (II) chloride	7646799	
Cobalt carbonyl	10210681	
Cobalt compounds	N096	0.114285714285714
Coke Oven Emissions	3000	
Colchicine	64868	
Columbium/Niobium	7440031	
Copper	7440508	0.634822222222222

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Copper chloride (I)	7758896	0.589473684210526
Copper Chloride Hydroxide	1332656	5.71428571428571E-02
Copper compounds	N100	0.63482222222
Copper cyanide	544923	0.0070756
Copper EDTA	14951918	
Copper Oxychloride Sulfate	8012699	1.49333333333333E-02
Copper sulfate, anhydrous	7758987	1.12
Copper sulfate, pentahydrate	7758998	1.75
Coumafuryl	117522	
Coumaphos	56724	5600
Coumatetralyl	5836293	0.000056
Creosote	8001589	
Cresol, m-	108394	3.04778320746335E-03
Cresol, o-	95487	2.99178320746335E-03
Cresol, p-	106445	7.10698832684825E-03
Cresols (mixed isomers)	1319773	0.004893
Crimidine	535897	
Crotaline \ Monocrotaline	315220	
Crotonaldehyde	4170303	0.016
Crotonaldehyde, (E)	123739	
Crotoxyphos \ Ciodrin	7700176	5.09090909090909
Cryolite	15096523	0.0112
Cumeme hydroperoxide	80159	6.60377358490566E-03
Cumene	98828	3.37884615384615E-03
Cumenyl methylcarbamate, m-	64006	
Cumylphenol, para-alpha-	22239549	
Cupferron	135206	
Cupric sulfate, basic	1332145	0.28
Cyanazine	21725462	5.71883793476646E-03
Cyanide	57125	1.11692307692308
Cyanide compounds	N106	0.00262808
Cyanogen	460195	2.28666666666667E-07
Cyanogen bromide	506683	0.233333333333333
Cyanogen chloride	506774	0.0000441
Cyanophos \ Cyanox	2636262	1.38271604938272E-02

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Cyanuric flouride	675149	
Cycasin	14901087	
Cycloate	1134232	1.2444444444444444E-02
Cyclohexane	110827	9.0032154340836E-03
Cyclohexanol	108930	7.9545454545454545E-05
Cyclohexanone	108941	4.71759030061452E-05
Cyclohexene	110838	7.88732394366197E-03
Cycloheximide	66819	0.04
Cyclohexyl ether	4645152	
Cyclohexylamine	108918	0.000336
Cyclopentadiene	542927	
Cyclopentane	287923	
Cyclopentanone	120923	1.7683465959328E-05
Cyclopentene	142290	
Cyclophosphamide	50180	
Cycloprate \ Zardex	54460467	12.962962962963
Cyfluthrin	68359375	210.107391407407
Cygon \ Dimethoate	60515	1.84949224806202
Cyhalothrin	68085858	311.1111111111111
Cymene, p-	99876	2.36286919831224E-02
Dalapon	75990	5.79090909090909E-03
Daminozide	1596845	1.13590263691684E-03
Daunomycin	20830813	
Dazomet, sodium salt	53404607	
DB, 2,4- salts and esters	94826	0.0483
DBNPA	10222012	3.111111111111111E-02
DCPA/Dacthal	1861321	7.62322580645161E-02
DD	88003198	
DDD	72548	1894.293333333333
DDE	72559	2553.11
DDT	50293	8151.36
DDT (from GLI)	33086189	8151.36
Decaborane(14)	17701419	
Decabromodiphenyl oxide	1163195	8.58895705521472E-03
Decalactone, gamma-	706149	3.111111111111111E-03

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Decane, n-	124185	4.30769230769231E-03
Decanoic acid	334485	
Dechlorane	13560899	
Deet	134623	7.46666666666667E-04
DEF	78488	149.701754385965
Dehydrabietic acid	1740198	2.66666666666667E-02
Demeton \ Systox	8065483	71.925
Demeton-O	298033	
Demeton-O-methyl/Oxydemeton-methyl	301122	14.0009333333333
Demeton-S-methyl	919868	0.294736842105263
Desmedipham \ Betanex	13684565	9.33333333333333E-02
Diacetylbenzidene, N,N-	613354	
Dialifos	10311849	
Diallate	2303164	1.20092825880114
Diaminoanisoole sulfate, 2,4-	39156417	
Diaminoanisoole, 2,4-	615054	2.06642066420664E-04
Diaminotoluene, 2,4-	95807	0.479399436619719
Diazinon \ Spectracide	333415	622.275111111111
Diazomethane	334883	
Dibenz(a,h)acridine	226368	
Dibenz(a,j)acridine	224420	
Dibenzo(a,e)pyrene	192654	
Dibenzo(a,h)anthracene	53703	30.66
Dibenzo(a,h)pyrene	189640	
Dibenzo(a,i)pyrene	189559	
Dibenzo(a,l)pyrene	191300	
Dibenzo(c,g)carbazole, 7H-	194592	
Dibenzofuran	132649	0.49215
Dibenzothiophene	132650	4.59016393442623E-02
Dibenzylamine	103491	
Diborane (6)	19287457	
Dibromo-3-chloropropane, 1,2-	96128	2.15635737077218
Dibromochloromethane	124481	0.044483377832546
Dibromocyclohexane, 1,4-	35076927	
Dibromodicyanobutane	35691657	0.032

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Dibromomethane	74953	1.12152527437315E-04
Dibromophenol, 2,6-	608333	
Dibromotetrafluoroethane	124732	
Dibutylamine, n-	111922	
Dibutylhexamethylenediamine, N,N'-	4835114	
Dicamba	1918009	1.50123076923077E-02
Dichlobenil	1194656	0.0056
Dichlofenthion	97176	13.6585365853659
Dichlone \ Phygon	117806	4
Dichloro-1,1,2-trifluoroethane	90454185	
Dichloro-1-propanol, 2,3-	616239	
Dichloro-2-butene, trans-1,4-	110576	0.0014
Dichloro-2-propanol, 1,3-	96231	8.23529411764706E-05
Dichloro-4,4'-diaminodiphenyl ether, 3,3'-	28434868	
Dichloro-4-isocyanatobenzene, 1,2-	102363	
Dichloroacetonitrile	3018120	
Dichloroacetylene	7572294	
Dichloroaniline, 2,3-	608275	7.81032078103208E-03
Dichloroaniline, 2,4-	554007	4.78632478632479E-03
Dichloroaniline, 3,4-	95761	0.266666666666667
Dichlorobenzalkonium chloride	8023538	
Dichlorobenzene	25321226	8.20433843017329E-03
Dichlorobenzene, 1,2-	95501	1.05030626262626E-02
Dichlorobenzene, 1,3-	541731	1.37946666666667E-02
Dichlorobenzene, 1,4-	106467	7.67282495412844E-02
Dichlorobenzidine, 3,3'-	91941	19.7093333333333
Dichlorobenzophenone, 4,4'-	90982	
Dichlorocatechol, 3,4-	3978674	2.06642066420664E-02
Dichlorocatechol, 3,5-	13673922	2.92580982236155E-02
Dichlorocatechol, 3,6-	3938167	4.82758620689655E-03
Dichlorocatechol, 4,5-	3428248	6.29213483146067E-02
Dichlorocyclohexane, trans-1,2-	822866	3.04347826086957E-03
Dichlorodibromomethane	594183	
Dichlorodifluoromethane	75718	5.92527087456931E-04
Dichloroethane	1300216	1.01818181818182E-04

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Dichloroethane, 1,1-	75343	5.13618862674627E-04
Dichloroethane, 1,2-	107062	1.57970909090909E-02
Dichloroethene, 1,1-	75354	0.175815033242081
Dichloroethene, 1,2-	540590	0.001457
Dichloroethene, trans-1,2-	156605	9.19890909090909E-05
Dichloroethyl acetate, 1,2-	10140871	
Dichloroethylene, cis-1,2-	156592	7.32871566095328E-03
Dichloroethylene, NOS	25323302	
Dichloroguaiacol, 3,4-	77102944	9.98217468805704E-03
Dichloroguaiacol, 4,5-	2460493	1.25279642058166E-02
Dichloroguaiacol, 4,6-	16766317	9.98217468805704E-03
Dichloriodomethane	594047	
Dichloromethane	75092	1.01287878787879E-03
Dichloromethylphenylsilane	149746	
Dichloromonofluoromethane	75434	
Dichloronitrobenzene, 2,3-	3209221	
Dichloro-o-cresol, 4,6-	1570656	0.035
Dichloropentafluoropropane	127564925	
Dichlorophen	97234	1.55555555555556E-02
Dichlorophenol, 2,4-	120832	9.89933333333333E-02
Dichlorophenol, 2,6-	87650	1.72839506172839E-02
Dichlorophenol, 3,4-	95772	
Dichlorophenol, 3,5-	591355	
Dichlorophenoxyacetic acid, 2,4-	94757	7.81475409836066E-03
Dichlorophenylarsine	696286	
Dichloropropane, 1,2-	78875	3.93913333333333E-02
Dichloropropane, 1,3-	142289	5.9447983014862E-04
Dichloropropane, NOS	26638197	2.33535996721311E-02
Dichloropropanol, NOS	26545733	
Dichloropropene, 1,2-	5635442	
Dichloropropene, 1,3-	542756	0.565061538461538
Dichloropropene, 2,3-	78886	0.00056
Dichloropropene, cis-1,3-	10061015	2.29508196721311E-02
Dichloropropene, NOS	26952238	0.622222222222222
Dichloropropene, trans-1,3-	10061026	2.29508196721311E-02



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Dichlorosyringaldehyde, 2,6-	76330068	1.89830508474576E-02
Dichlorotetrafluoroethane	76142	
Dichlorotoluene	29797408	
Dichlorotoluene, 2,4-	95738	1.21739130434783E-02
Dichlorotoluene, 3,4-	95750	4.95575221238938E-02
Dichlorotrifluoroethane	34077877	
Dichlorovanillin, 5,6-	18268694	3.25581395348837E-02
Dichlorprop	120365	9.33333333333333E-02
Dichlorvos	62737	5601.2992
Diclofop-methyl	51338273	0.186666666666667
Dicloran \ Botran	99309	4.01485714285714E-02
Dicofol \ Kelthane	115322	1540.26666666667
Dicrotophos \ Bidrin	141662	0.144232558139535
Dicyclopentadiene	77736	4.66666666666667E-03
Dieldrin	60571	10560.8
Dienochlor \ Pentac	2227170	2800
Diepoxybutane, 1,2,3,4-	564001	
Diethanolamine	111422	0.00175
Diethyl ethyl	38727558	
Diethyl chlorophosphate	814493	
Diethyl ether	60297	8.9746430674032E-05
Diethyl malonate	105533	4.74576271186441E-03
Diethyl phthalate	84662	0.00068775
Diethyl S-methyl ester of phosphorodithioic acid, O,O-	3288582	
Diethylamine	109897	0.00028
Diethylaniline	91667	0.004
Diethylarsine	692422	
Diethylbarbituric acid, 5,5-	57443	
Diethylbenzene, 1,2-	135013	
Diethylbenzene, 1,3-	141935	1.34939759036145E-02
Diethylbenzene, 1,4-	105055	
Diethylcarbamizine citrate	1642542	
Diethylene Glycol	111466	7.4468085106383E-07
Diethylhydrazine, N,N'-	1615801	
Diethyl-p-phenylenediamine	93050	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Diethylstilbesterol	56531	
Diethylsulfate	64675	6.82926829268293E-05
Difenzoquat methyl sulfate	43222486	2.21343873517787E-02
Diflubenzuron	35367385	3.5161
Digitoxin	71636	
Diglycidyl ether	2238075	
Diglycidyl resorcinol ether	101906	
Digoxin	20830755	
Dihydrobenzofuran, 2,3-	496162	6.85434516523868E-04
Dihydroindene, 2,3-	496117	0.004
Dihydrosafrole	94586	
Diisobutyl ketone	108838	
Diisobutyl phthalate	84695	
Diisocyanates	N120	
Diisopropyl phenol, 2,6-	2078548	
Diisopropylbenzene, 1,3-	99627	
Diisopropylbenzene, 1,4-	100185	
Diisopropylfluorophosphate	55914	
Diisothiocyanatobenzene, 1,4-	4044659	
Dimefox	115264	
Dimethipin	55290647	
Dimethoxybenzene, 1,2-	91167	
Dimethoxybenzene, 1,4-	150787	2.54545454545455E-04
Dimethoxybenzidine, 3,3'-	119904	2.92277367341281E-02
Dimethoxymethane	109875	4.99643112062812E-06
Dimethoxyphenol, 3,4-	2033898	
Dimethyl naphthalene	28804888	
Dimethyl p-(methylthio)phenyl phosphate	3254635	
Dimethyl phosphorochlorodithioate	2524030	
Dimethyl phthalate	131113	3.29411764705882E-03
Dimethyl sulfate	77781	7.46666666666667E-03
Dimethyl sulfide	75183	7.91172772354163E-05
Dimethyl sulfone	67710	
Dimethyl sulfoxide	67685	1.64705882352941E-06
Dimethyl-2,5-Heptadien-4-one, 2,6-	504201	9.33333333333333E-04

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Dimethyl-4-ethylbenzene, 1,2-	934805	
Dimethyl-4-ethylbenzene, 1,3-	874419	
Dimethyl-4-heptanol, 2,6-	108827	
Dimethylacetamide, N,N-	127195	2.08698244698692E-06
Dimethylamine	124403	6.22222222222222E-04
Dimethylamine dicamba	2300665	
Dimethylaminoazobenzene, p-	60117	1.65191740412979E-02
Dimethylbenz(a)anthracene, 7,12-	57976	
Dimethyl-benzoic acid, 2,4-	611018	
Dimethyl-benzoic acid, 2,5-	610720	
Dimethyl-benzoic acid, 3,4-	619045	
Dimethyl-benzoic acid, 3,5-	499069	
Dimethylcarbanyl chloride	79447	
Dimethyldichlorosilane	75785	
Dimethyldioxane	25136554	
Dimethylformamide, N,N-	68122	7.95732394366197E-06
Dimethylhydrazine, 1,1-	57147	1.46981627296588E-02
Dimethylhydrazine, 1,2-	540738	
Dimethylindan, 4,6-	1685821	
Dimethylindan, 4,7-	6682719	
Dimethylnaphthalene, 1,2-	573988	
Dimethylnaphthalene, 1,3-	575417	
Dimethylnaphthalene, 1,4-	571584	
Dimethylnaphthalene, 1,5-	571619	
Dimethylnaphthalene, 1,6-	575439	
Dimethylnaphthalene, 1,8-	569415	
Dimethylnaphthalene, 2,3-	581408	
Dimethylnaphthalene, 2,6-	581420	
Dimethylnaphthalene, 2,7-	582161	
Dimethylphenanthrene, 2,7-	1576698	
Dimethylphenanthrene, 3,6-	1576676	0.266666666666667
Dimethylphenol, 2,3-	526750	
Dimethylphenol, 2,4-	105679	9.40863959390863E-03
Dimethylphenol, 2,5-	95874	
Dimethylphenol, 2,6-	576261	0.280997150997151

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Dimethylphenol, 3,5-	108689	2.54545454545455E-03
Dimethyl-p-phenylenediamine	99989	
Dimethylpyrazine, 2,6-	108509	
Dimethylquinoline, 2,6-	877430	
Dimethylterephthalate	120616	
Dimetilan	644644	
Di-n-butyl phthalate	84742	0.012446
Dinex	131895	
Di-n-hexyl phthalate	84753	
Dinitrobenzene, 1,2-	528290	9.33333333333333E-02
Dinitrobenzene, 1,3-	99650	0.14175
Dinitrobenzene, 1,4-	100254	0.122733333333333
Dinitrobenzene, NOS	1164	
Dinitro-o-cresol, 4,6-	534521	0.107601092896175
Dinitrophenol, 2,4-	51285	8.13860759493671E-03
Dinitrotoluene (mixed isomers)	25321146	0.64176
Dinitrotoluene, 2,3-	602017	2.43478260869565E-02
Dinitrotoluene, 2,4-	121142	0.445452
Dinitrotoluene, 2,5-	619158	4.30769230769231E-02
Dinitrotoluene, 2,6-	606202	0.110133333333333
Dinitrotoluene, 3,4-	610399	3.73333333333333E-02
Dinocap \ Karathane	39300453	3.73333333333333
Di-n-octyl phthalate	117840	0.463359420289855
Dinonyl phthalate	84764	
Dinoseb \ DNBP	88857	3.22886075949367
Dinoterb	1420071	
Diocetyl adipate	123795	
Dioxane, 1,4-	123911	6.19842722843615E-04
Dioxathion	78342	62.3202222222222
Dioxin and dioxin-like compounds	N150	6666666.666667
Diphacinone	82666	2.66666666666667E-02
Diphenamid	957517	0.00189
Diphenyl ether	101848	2.62910798122066E-02
Diphenyl sulfide	139662	
Diphenylamine	122394	2.26934277929155E-02

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Diphenyldisulfide	882337	0.509090909090909
Diphenylethane, 1,1-	612000	
Diphenyl-hydantoin, 5,5-	57410	
Diphenylhydrazine, 1,2-	122667	2.99620740740741
Diphenylmethane	101815	7.46666666666667E-03
Dipotassium endothall	2164070	
Dipropylamine, n-	142847	
Dipropyleneglycol methyl ether	12002254	
Diquat dibromide	85007	4.78632478632479E-02
Direct Black 38	1937377	3.11111111111111E-04
Direct Blue 6	2602462	3.11111111111111E-04
Direct Brown 95	16071866	6.91358024691358E-03
Disodium selenate	13410010	
Disulfoton	298044	128.1
Di-tert-butyl-4-methyl phenol, 2,6-	128370	0.002436
Di-tert-butyl-p-benzoquinone, 2,6-	719222	
Di-tert-butylphenol, 2,4-	96764	
Dithiazanine iodide	514738	
Dithiobiuret, 2,4-	541537	
Diuron / DCMU	330541	0.448
Docosane, n-	629970	8.23529411764706E-05
Dodecane, n-	112403	4.30769230769231E-03
Dodecanol	112538	
Dodecylguanidine monoacetate	2439103	7.62758620689655E-02
Dowicil 75	4080313	1.33333333333333E-03
Dysprosium	7429916	
Edetic Acid	60004	2.33333333333333E-04
Eicosane, n-	112958	4.30769230769231E-03
Elcacid Croceine Moo Dye	5413752	
Emetine, dihydrochloride	316427	
Endosulfan mixed isomers	115297	100.063
Endosulfan sulfate	1031078	100.063
Endosulfan, alpha-	959988	100.063
Endosulfan, beta-	33213659	100.063
Endothall	145733	0.400175

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Endothion	2778043	
Endrin	72208	162.436888888889
ENDRIN + ENDRIN ALDEHYDE (SUM)	901	168.2595556
Endrin alcohol	33058127	
Endrin aldehyde	7421934	174.082222222222
Endrin and metabolites	1177	
Endrin ketone	53494705	109.435757575758
Epichlorhydrin	106898	6.94621886792453E-03
Epinephreine (I)	51434	
EPN \ Santox	2104645	1864
Epoxyethyl benzene	96093	
EPTC	759944	6.06734299516908E-03
Erbium	7440520	
Ergocalciferol \ Calciferol \ Vitamin D2	50146	
Ergotamine tartrate	379793	
Erythritol anhydride	1464535	3.92
Ethalfuralin	55283686	7.46666666666667
Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	76131	5.85852631138976E-03
Ethanediamine, 1,2-	107153	3.00590445517982E-04
Ethanol	64175	5.83333333333333E-04
Ethanol, 2-(2-Butoxyethoxy)-	112345	3.43807173291094E-05
Ethanol, 2-(2-Ethoxyethoxy)-	111900	2.11320754716981E-06
Ethanol, 2-(2-Methoxyethoxy)-	111773	7.46666666666667E-06
Ethanone, 1-(1H-pyrrol-2-yl)-	1072839	
Ethephon	16672870	1.80064308681672E-04
Ethion \ Bladan	563122	284.2
Ethofumesate	26225796	0.0016
Ethoprophos	13194484	88.8888888888889
Ethoxyquin	91532	2.64150943396226E-02
Ethyl acetate	141786	5.83577547495682E-04
Ethyl acrylate	140885	5.17547130434783E-02
Ethyl benzyl ether	539300	
Ethyl bromide	74964	2.0837984669197E-04
Ethyl carbonate	105588	
Ethyl chloroformate	541413	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Ethyl cyanide	107120	
Ethyl laurate	106332	
Ethyl methacrylate	97632	
Ethyl methanesulfonate	62500	
Ethyl myristate	124061	
Ethyl n-butanoate	105544	
Ethyl palmitate	628977	
Ethyl phosphate	78400	
Ethyl thiocyanate	542905	
Ethyl-1-hexanol, 2-	104767	1.98581560283688E-03
Ethylamine	75047	1.53664626951678E-05
Ethylbenzene	100414	1.41239130434783E-03
Ethylbutanal, 2-	97961	
Ethyl-cyclohexane	1678917	
Ethylene	74851	3.65058670143416E-04
Ethylene dibromide	106934	119.00015781316
Ethylene fluorohydrin	371620	
Ethylene glycol	107211	1.34033333333333E-03
Ethylene glycol formal	646060	
Ethylene glycol monoethyl ether	110805	8.26632572319579E-06
Ethylene oxide	75218	5.06466666666667E-02
Ethylenebisdithiocarbamic acid, salts and esters	111546	
Ethylenebisdithiocarbamic acid, salts and esters	N171	8.74999999999999E-03
Ethyleneimine, N-(2-hydroxyethyl)-	1072522	
Ethylenethiourea	96457	0.156121212121212
Ethylmercuric phosphate	2235258	
Ethyl-m-xylene, 5-	934747	
Ethyl-naphthalene, 1-	1227760	
Ethyl-naphthalene, 2-	939275	
Ethyl-o-xylene, 3-	933982	
Ethylphenol, m-	620177	
Ethylphenol, o-	90006	
Ethylphenol, p-	123079	5.38461538461538E-03
Ethylpyridine, 2-	100710	1.35265700483092E-04
Ethylresorcinol, 4-	2896608	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Etridiazole	2593159	4.62809917355372E-02
Eugenol	97530	2.33333333333333E-03
Europium	7440531	
EXD	502556	
Famphur \ Famophos	52857	1.15463917525773E-02
Fenac \ Chlorfenac	85347	5.09090909090909E-02
Fenamiphos	22224926	0.592935353535354
Fenarimol \ Rubigan	60168889	6.15384615384615E-02
Fenbutatin oxide	13356086	
Fenchone	1195795	
Fenchyl alcohol	1632731	
Fenitrothion	122145	5.64573333333333
Fenoxaprop-Ethyl	66441234	0.180645161290323
Fenoxycarb	72490018	
Fenpropathrin	39515418	20
Fensulfothion \ Dasanit	115902	5.78666666666667
Fenthion \ Baytex	55389	936.553333333333
Fenuron	101428	
Fenvalerate \ Pydrin	51630581	15.5777144444444
Ferbam	14484641	0.622240422222222
Fluazifop-p-butyl	69806504	1.35790494665373E-04
Flucythrinate	70124775	80
Fluenetil	4301502	
Flumetralin	62924703	3.12849162011173
Fluometuron	2164172	9.77878787878788E-02
Fluomine	62207765	
Fluoranthene	206440	0.828982394366197
Fluorene	86737	0.70105
Fluorenone	486259	
Fluoride	16984488	0.035
Fluorine	7782414	
Fluoroacetamide, 2-	640197	0.0014
Fluoroacetic acid	144490	
Fluoroacetyl chloride	359068	
Fluorobiphenyl, 2-	321608	



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Fluorophenol, o-	367124	
Fluorouracil	51218	
Fluvalinate	69409945	164.705882352941
Folpet	133073	1.73871743589744
Fomesagen	72178020	7.46666666666667E-05
Fonofos	944229	28.105
Formaldehyde	50000	2.33065145228216E-03
Formaldehyde cyanohydrin	107164	
Formamide	75127	
Formetanate hydrochloride	23422539	0.64367816091954
Formic acid	64186	3.7051037037037E-04
Formic acid, 2-(4-(5-nitro-2-furyl)-2-thiazolyl)	3570750	
Formothion	2540821	
Formparanate	17702577	
Fosamine ammonium	25954136	1.48541114058355E-04
Fosetyl-Al	39148248	7.38786279683377E-04
Fosthietan	21548323	
Fuberidazole	3878191	
Fulvic acid	479663	
Furan	110009	9.18032786885246E-04
Furfural	98011	1.37055399061033E-02
Furfuryl alcohol	98000	3.73333333333333E-05
Gadolinium	7440542	
Gallium	7440553	0.134939759036145
Gallium trichloride	13450903	
gamma-chlordane	5566347	3868.52558139535
Germanium	7440564	18.6666666666667
Giv-gard	7166190	2.8
Glutaraldehyde	111308	7.46666666666667E-02
Glycidylaldehyde	765344	
Glycol ethers	N230	1.0667124594543E-04
Glyodin	556229	
Glyphosate \ Roundup	1071836	4.52469230769231E-02
Glyphosine	1333240	
Gold	7440575	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Gross alpha particle activity	4002	
HAE	34375285	1.31147540983607E-07
Hafnium	7440586	
Halomethane, NOS	1193	
Hexanedinitrile	111693	7.77777777777778E-05
Heneicosane, n-	629947	
Heptachlor	76448	8529.68421052632
Heptachlor epoxide	1024573	15742.4842105263
Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	67562394	85760
Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	55673897	3033984
Heptachlorodibenzofurans, total	38998753	
Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-	35822469	411136
Heptachlorodibenzo-p-dioxins, total	37871004	
Heptacosane, n-	593497	
Heptadecane, n-	629787	
Heptane, n-	142825	6.15384615384615E-02
Heptanoic acid	111148	
Heptanone, 2-	110430	4.33921593996636E-04
Hexachlorobenzene	118741	1947.72666666667
Hexachlorobiphenyl, 3,4,5,3',4',5'-	5005	
Hexachlorobutadiene	87683	0.632508137634409
Hexachlorocyclopentadiene	77474	1.07729921025641
Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648269	5760000
Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117449	14109440
Hexachlorodibenzofuran, 1,2,3,7,8,9-	72918219	47308800
Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851345	51204160
Hexachlorodibenzofurans, total	55684941	
Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	39227286	23498240
Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653857	9556480
Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	19408743	10595840
Hexachlorodibenzo-p-dioxins, total	34465468	
Hexachloroethane	67721	0.18069437037037
Hexachloronaphthalene	1335871	
Hexachlorophene	70304	1773.33333333333
Hexachloropropene	1888717	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Hexacosane, n-	630013	8.23529411764706E-05
Hexadecane, n-	544763	4.30769230769231E-03
Hexadecanol, n-	36653824	
Hexadecene, 1-	629732	
Hexaethyltetraphosphate	757584	
Hexamethylene diisocyanate	822060	
Hexamethylphosphoramide	680319	7.50862486239774E-06
Hexane, n-	110543	3.52396035242291E-02
Hexanoic acid	142621	3.6914963744232E-04
Hexanol, 1-	111273	5.73183213920164E-04
Hexanone, 2-	591786	3.7507739014099E-04
Hexazinone	51235042	5.64242424242424E-04
Hexyloxyethanol, 2-	112254	
Holmium	7440600	
HPMTS	41206160	
HPTMS	29803574	5.76131687242798E-03
Hyamine 2389	1399800	4.66666666666667E-02
Hyamine 3500	68424851	
Hydantoin, 5,5-diphenyl-monosodium salt	630933	
Hydrazine	302012	0.06272
Hydrazine sulfate	10034932	
Hydrochloric acid	7647010	2.43478260869565E-05
Hydrofluoric acid	7664393	0.0000056
Hydrogen cyanide	74908	1.07694967692308
Hydrogen peroxide	7722841	
Hydrogen selenide	7783075	
Hydrogen sulfide	7783064	2.80144666666667
Hydroquinone	123319	1.27412027272727
Hydroxy-3-methoxy benzaldehyde, 4-	121335	9.82456140350877E-04
Hydroxy-3-methoxyacetophenone, 4-	498022	
Hydroxy-3-methoxy-phenylacetic acid, 4-	306081	
Hydroxy-4-isopropyl-1-methylbenzene, 2-	499752	
Hydroxy-4-methyl-2-pentanone, 4-	123422	1.33333333333333E-04
Hydroxyacetophenone, o-	118934	
Hydroxy-benzaldehyde, p-	123080	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Hydroxydimethylarsine oxide	75605	0.23212
Imazalil	35554440	
Imazapyr	81334341	5.76725025746653E-05
Imazaquin	81335377	0.0002
Imazethapyr(Acid)	81335775	1.62790697674419E-04
Indanone, 1-	83330	
Indene	95136	0.004
Indeno(1,2,3-cd)pyrene	193395	30.66
Indium	7440746	
Indole	120729	
Indomethacin	53861	
Iodine	7553562	
Iodine cyanide	506785	
Iodomethane	74884	1.21052290266099E-04
Iodophenol, p-	540385	
Iprodione	36734197	0.014
Iridium	7439885	
Iridium tetrachloride	10025975	
Iron	7439896	0.0056
Iron dextran	9004664	
Iron pentacarbonyl	13463406	
Iron sulfate	7720787	0.0056
Isobenzan	297789	
Isoborneol	124765	
Isobutyl alcohol	78831	1.41026666666667E-03
Isobutyric acid	79312	
Isobutyronitrile	78820	
Isodrin (stereoisomer of Aldrin)	465736	14
Isofenphos	25311711	0.217
Isonicotinic acid hydrazide	54853	
Isophorone	78591	1.09163090909091E-03
Isophorone diisocyanate	4098719	
Isopropalin	33820530	0.617866666666667
Isopropanol	67630	0.0056
Isopropyl Acetate	108214	6.89995071463775E-05

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Isopropyl chloroformate	108236	
Isopropyl Ether	108203	6.10687022900763E-04
Isopropyl formate	625558	
Isopropyl-3,5-dimethylbenzene, 1-	4706905	
Isopropylidenediphenol, 4,4'-	80057	2.35407407407407E-03
Isopropylmethylpyrazolyl dimethylcarbate	119380	
Isopropyl naphthalene, 2-	2027170	7.17948717948718E-02
Isopropylphenol, meta-	618451	
Isopropylphenol, o-	88697	
Isopropylphenol, p-	99898	
Isoquinoline	119653	2.65402843601896E-03
Isosafrole	120581	1.39234211834908E-03
Jasmolin II	1172630	
Karbutilate	4849325	7.46666666666667E-04
Kepone	143500	4.66666666666667
Ketene	463514	
KN Methyl	137417	
Lactofen	77501634	
Lactonitrile	78977	6.22222222222222E-02
Landrin I	2686999	0.056
Landrin II / Trimethacarb	2655154	0.056
Lanthanum	7439910	
Lasiocarpine	303344	
Lauric acid	143077	
Lead	7439921	2.24
Lead acetate	301042	1.28440366972477E-03
Lead arsenate	3687318	
Lead compounds	N420	2.24
Lead phosphate	7446277	
Lead subacetate	1335326	
Lethane 384	112561	0.0175
Limonene	138863	
Linuron	330552	8.07644444444444E-02
Lithium	7439932	1.20689655172414E-02
Lithium carbonate	554132	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Lithium chromate	14307358	
Lithium hydride	7580678	
Longifolene	475207	
Lutetium	7439943	
m,p'-DDD; 3,4'-DDD	4329128	1894.293333333333
Magnesium	7439954	8.65533230293663E-04
Malachite green	569642	1.83606557377049
Malathion	121755	56.00644
Maleic anhydride	108316	5.01026075863303E-04
Maleic hydrazide	123331	0.00056028
Maleic hydrazide, Potassium salt	28382152	
Mancozeb	8018017	0.121907130434783
Maneb \ Vancide	12427382	0.164706162352941
Manganese	7439965	1.44329896907216E-02
Manganese compounds	N450	0.01443298969
MCPA	94746	4.02207801676996E-02
MCPB	94815	0.808516666666667
MCPP \ Mecoprop	7085190	1.77271288382399E-03
MCPP \ Mecoprop	93652	7.97213483146067E-03
Mefluidide	53780340	0.00056
Melamine	108781	1.55555555555556E-04
Melphalan	148823	
Menthol	1490046	
Mephosfolan	950107	
Mepiquat chloride	24307264	3.54430379746835E-05
Mercuric acetate	1600277	0.933333333333333
Mercury	7439976	117.118023272727
Mercury chloride	7487947	1.86666666666667
Mercury compounds	N458	117.118023273
Mercury fulminate	628864	0.00735
Mercury oxide	21908532	
Mercury(2+) acetate	1600427	
Merphos \ Folex	150505	67.3648160535117
Mestranol	72333	
Metalaxyl	57837191	2.87179487179487E-03

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Metaldehyde	108623	3.73831775700935E-04
Metam sodium	6734801	56
Metanil Yellow	587984	
Metasol DGH	13590971	
Metasol J26	53404629	
Methacrolein diacetate	10476956	
Methacrylic acid	79414	
Methacrylonitrile	126987	1.51133200795229E-03
Methacryloyl chloride	920467	
Methacryloyloxyethyl isocyanate	30674807	
Metham sodium \ Vapam	137428	2
Methamidophos	10265926	3.73739130434783E-03
Methane	74828	
Methanesulfonyl fluoride	558258	
Methanethiol	74931	
Methanol	67561	1.45798326444022E-05
Methapyrilene	91805	
Methazole	20354261	
Methiadathion \ Supracide	950378	25.5189454545455
Methiocarb	2032657	11.326
Methomyl \ Lannate	16752775	53.3333893333333
Methoprene	40596698	4.80756989247312E-02
Methoxone-sodium salt	3653483	
Methoxy-4-(prop-2-enyl)-phenol, 2-	97541	
Methoxyaniline, 4-	104949	9.67184801381693E-04
Methoxychlor	72435	198.310466666667
Methoxyethanol, 2-	109864	2.8267124594543E-04
Methoxyethylmercuric acetate	151382	
Methoxyphenol, o-	90051	
Methoxyphenol, p-	150765	2.94736842105263E-03
Methacrylic anhydride	760930	
Methyl 2-chloroacrylate	80637	
Methyl acrylate	96333	1.21739130434783E-02
Methyl anthracene, 2-	613127	
Methyl benzethonium chloride	15716026	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Methyl benzoate	93583	
Methyl benzyl alcohol, alpha-	98851	
Methyl caprate	110429	
Methyl chloroformate	79221	
Methyl chrysene, 5-	3697243	
Methyl disulfide	624920	
Methyl ether	115106	
Methyl ethyl ketone	78933	2.63110682937273E-05
Methyl ethyl ketone peroxide	1338234	
Methyl formate	107313	8.9065606361829E-06
Methyl heptyl ketone	821556	3.68421052631579E-03
Methyl indene	29036257	
Methyl isobutyl ketone	108101	1.53011993259986E-04
Methyl isobutyrate	547637	
Methyl isocyanate	624839	
Methyl isothiocyanate	556616	1.01818181818182
Methyl laurate	111820	
Methyl lignocerate	2442491	
Methyl linoleate	112630	
Methyl methacrylate	80626	2.99793717277487E-04
Methyl methanesulfonate	66273	
Methyl naphthalene	1321944	8.23529411764706E-03
Methyl oleate	112629	
Methyl palmitate	112390	
Methyl pentachlorophenyl ether	1825214	
Methyl phenkapton	3735237	
Methyl propanal, 2-	78842	2.14395099540582E-03
Methyl stearate	112618	
Methyl tert-butyl ether	1634044	8.44594594594595E-05
Methyl tetradecanoate	124107	
Methyl thiocyanate	556649	
Methyl trithion	953173	9.03225806451613
Methyl vinyl ketone	78944	
Methyl-(2,3-dihydroindene), 1-	767588	
Methyl-1,3-dioxolane, 4-	1072475	



**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Methyl-1-butanol, 3-	123513	
Methyl-1h-indene, 1-	767599	
Methyl-2,4-pentanediol, 2-	107415	5.23364485981308E-05
Methyl-2-butanol, 2-	75854	
Methyl-2-butanone, 3-	563804	6.48148148148148E-05
Methyl-2-ethylbenzene, 1-	611143	
Methyl-2-ethylhexanoate	816193	
Methyl-2-isopropylbenzene, 1-	527844	
Methyl-2-n-propylbenzene, 1-	1074175	
Methyl-2-propanol, 2-	75650	3.1638418079096E-05
Methyl-2-propenol, 2-	78853	
Methyl-2-pyrrolidone, n-	872504	
Methyl-3-butyn-2-ol, 2-	115195	1.70212765957447E-05
Methyl-3-ethylbenzene, 1-	620144	
Methyl-3-isopropylbenzene, 1-	535773	
Methyl-3-n-propylbenzene, 1-	1074437	
Methyl-3-penten-2-one, 4-	141797	
Methyl-4-chlorobenzene, 1-	106434	
Methyl-4-ethylbenzene, 1-	622968	
Methyl-5-ethylpyridine, 2-	104905	6.90505548705302E-04
Methylamine	74895	3.43558282208589E-04
Methylarsonic acid	124583	6.91358024691358E-05
Methylaziridine, 2-	75558	4.74576271186441E-06
Methylbenzothioazole, 2-	120752	
Methylbenzyl alcohol, o-	89952	
Methylbiphenyl, 2-	643583	
Methylbutanal, 3-	590863	1.72307692307692E-02
Methylcholanthrene, 3-	56495	
Methylcyantrene \ MMT	12108133	
Methylcyclohexane	108872	1.36585365853659E-03
Methylcyclohexanone, 4-	589924	
Methylcyclopent-2-ene-1-one, 3-	2758181	
Methylcyclopentane	96377	3.41463414634146E-02
Methyldecane, 2-	6975980	
Methyldecane, 4-	2847725	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Methylene bis(phenylisocyanate)	101688	
Methylene phenanthrene, 4,5-	203645	4.24242424242424E-02
Methylenebis (2-methyl)aniline, 4,4'-	838880	
Methylenebis (N,N-dimethyl) aniline, 4,4'-	101611	0.026046511627907
Methylene-bis(2-chloroaniline), 4,4'-	101144	0.110891089108911
Methylenedianiline, 4,4'-	101779	1.83606557377049E-03
Methylfluorene, 1-	1730376	0.048695652173913
Methylfluorene, 4-	1556996	
Methylhydrazine	60344	5.77319587628866E-02
Methylindan, 5-	874351	
Methylindole, 2-	95205	
Methylindole, 3-	83341	6.33484162895928E-03
Methylindole, 5-	614960	
Methylmercuric dicyandiamide	502396	
Methylmercury	22967926	23493.7068493151
Methylnaphthalene, 1-	90120	6.22222222222222E-03
Methylnaphthalene, 2-	91576	0.193049256594724
Methyl-N'-nitro-N-nitrosoguanidine, N-	70257	
Methyl-o-anisidine, 5-	120718	2.23731522173392E-03
Methylphenanthrene, 1-	832699	0.103703703703704
Methylphenanthrene, 2-	2531842	
Methylphenanthrene, 9-	883205	
Methylphosphonic dichloride	676971	
Methylpyrene, 2-	3442782	
Methylstyrene, alpha-	98836	
Methylstyrene, o-	611154	
Methylthiouracil	56042	
Methyltrichlorosilane	75796	
Metiram	9006422	0.00875
Metolachlor	51218452	0.028644
Metolcarb	1129415	
Metribuzin	21087649	1.39935632183908E-03
Metsulfuron Methyl	74223646	3.73333333333333E-04
Mevinphos \ Phosdrin	7786347	2800.00007127273
Mexacarbate \ Mexcarbole \ Zectran	315184	5.6

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
MGK 11	126158	
MGK 264	113484	2.15384615384615E-02
MGK 326	136458	8.40840840840841E-03
Michler's ketone	90948	1.42493638676845E-02
Mirex \ Dechlorane	2385855	5614.98
Mitomycin C	50077	
Molinate	2212671	0.308666666666667
Molybdenum	7439987	0.201438848920863
Molybdenum trioxide	1313275	0.0008
Monochloropentafluoroethane	76153	
Monocrotophos \ Azodrin	6923224	0.186666666666667
Monuron	150685	6.28507295173962E-04
Monuron TCA	140410	0.00056
Muscimol	2763964	
Mustard gas	505602	
Myclobutanil	88671890	2.33333333333333E-02
N,N-Dimethylaniline	121697	7.81336238198983E-03
Nabam	142596	0.287179487179487
Nabonate	138932	
Nalco D-2303	6317186	0.8
Naled \ Dibrom	300765	1400.0049
Naphthalene	91203	1.58701351351351E-02
Naphthalenediamine, 1,5-	2243621	
Naphthol, 1-	90153	2.15384615384615E-02
Naphthol, 2-	135193	
Naphthoquinone, 1,4-	130154	
Naphthyl-2-thiourea, 1-	86884	
Naphthylamine, 1-	134327	4.08460977388767E-03
Naphthylamine, 2-	91598	4.08460977388767E-03
Napropamide	15299997	7.61358024691358E-03
Naptalam	132661	7.36842105263158E-04
Neburon	555373	
Neodymium	7440008	
Nerolidol	142507	
Niacide	15339363	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Nickel	7440020	0.108914307692308
Nickel ammonium sulfate	15699180	
Nickel chloride	7718549	
Nickel compounds	N495	0.108914307692308
Nickel cyanide	557197	
Nickel hydroxide	12054487	
Nickel nitrate	13478007	
Nickel subsulfide	12035722	
Nickel sulfate	7786814	
Nickel tetracarbonyl	13463393	
Nicosulfuron	111991094	0.000056
Nicotine	54115	
Nicotine and salts	N503	
Nicotine sulfate	65305	4.59016393442623E-03
Nindazole \ Nitrodazole	61574	
Nithiazide	139946	
Nitrapyrin	1929824	9.6551724137931E-03
Nitrate	14797558	0.0056
Nitrate compounds	N511	0.000062
Nitric acid	7697372	
Nitric oxide	10102439	
Nitrilotriacetic acid	139139	1.11221449851043E-04
Nitrites	14797650	0.373333333333
Nitroacenaphthene, 5-	602879	
Nitroaniline, 2-	88744	5.28301886792453E-04
Nitroaniline, 3-	99092	
Nitroaniline, 4-	100016	5.50098231827112E-04
Nitrobenzene	98953	1.02458461538462E-02
Nitrobenzene, 1-(chloromethyl)-4-	100141	
Nitrobiphenyl, 4-	92933	8.81889763779528E-03
Nitrocyclohexane	1122607	
Nitrofen \ TOK	1836755	4.78223740392827E-02
Nitrogen	17778880	
Nitrogen dioxide	10102440	
Nitrogen mustard	51752	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Nitrogen mustard	538078	
Nitrogen mustard N-oxide	126852	
Nitrogen mustard N-oxide, hydrochloride salt	302705	
Nitroglycerin	55630	4.05797101449275E-02
Nitromethane	75525	8.61538461538462E-05
Nitro-o-anisidine, 5-	99592	1.02344792294899E-04
Nitro-o-toluidine, 5-	99558	7.85413744740533E-04
Nitro-p-cresol, 2-	119335	
Nitrophenol, 2-	88755	1.62271805273834E-03
Nitrophenol, 4-	100027	4.88694230769231E-03
Nitropropane, 2-	79469	2.66666666666667E-04
Nitropyridine 1-oxide, 4-	1124330	
Nitroquinoline-1-oxide, 4-	56575	
Nitrosamine, NOS	35576911	
Nitrosobenzene	586969	
Nitrosodiethanolamine, N-	1116547	
Nitrosodiethylamine, N-	55185	4.20054901960784
Nitrosodimethylamine, N-	62759	0.18704
Nitrosodi-n-butylamine, N-	924163	2.55528
Nitrosodi-n-propylamine, N-	621647	1.1074
Nitrosodiphenylamine, 4-	156105	
Nitrosodiphenylamine, N-	86306	0.098896
Nitrosomethylethylamine, N-	10595956	
Nitrosomethylphenylamine, N-	614006	
Nitrosomethylvinylamine, N-	4549400	6.08695652173913E-03
Nitrosomorpholine, N-	59892	1.59433283007458E-06
Nitroso-N-ethylurea, N-	759739	2.464
Nitroso-N-methylurea, N-	684935	101.92
Nitroso-N-methylurethane, N-	615532	
Nitrosornicotine, N-	16543558	
Nitrosopiperidine, N-	100754	1.98165553164987E-05
Nitrosopyrrolidine, N-	930552	0.01617
Nitrososarcosine, N-	13256229	
Nitrotoluene, 2-	88722	2.94736842105263E-03
Nitrotoluene, 4-	99990	2.94736842105263E-03

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
N-Methylolacrylamide	924425	
Nonachlor, cis-	5003	
Nonachlor, trans-	39765805	
Nonadecane	629925	
Nonane, n-	111842	0.4
Nonanoic acid	112050	5.38461538461538E-04
Nonylphenol 12 Mole Ethoxylate	9016459	1.19148936170213E-02
Nonylphenol, p-	104405	0.430769230769231
Norbormide	991424	
Norea \ Noruron	18530568	0.04
Norflurazon	27314132	0.00028
o,p'-DDD; 2,4'-DDD	53190	1894.29333333333
o,p'-DDE; 2,4'-DDE	3424826	2551.41333333333
o,p'-DDT; 2,4'-DDT	789026	8151.36
Octachlorodibenzofuran	39001020	2020.96
Octachlorodibenzo-p-dioxin	3268879	6585.6
Octachloronaphthalene	2234131	1.05660377358491E-04
Octachlorostyrene	5001	
Octachlorostyrene	29082744	
Octacosane, n-	630024	8.23529411764706E-05
Octadecane, n-	593453	4.30769230769231E-03
Octadecanol, 1-	112925	
Octamethylpyrophosphoramidate	152169	
Octane, n-	111659	0.155555555555556
Octanoic acid-methyl ester	111115	
Octhilinone	26530201	
Octylphenol 3 Mole Ethoxylate	9036195	9.82456140350877E-04
Organorhodium complex	3380	
Orotic acid \ Whey factor	65861	
Oryzalin	19044883	0.296388842105263
Osmium	7440042	
Osmium tetroxide	20816120	
Ouabain \ Strophanthin G	630604	
Oxadiazon	19666309	4.66666666666667E-02
Oxamyl \ Vydate	23135220	0.114830158730159

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Oxychlorane	5002	
Oxydianiline, 4,4'-	101804	2.7972027972028E-03
Oxydisulfoton	2497076	
Oxyfluorofen	42874033	0.885161290322581
Ozone	10028156	0.448
PAH Compounds	1000	34.02
Palladium	7440053	
Palmitic acid	57103	
Parachlorometacresol	59507	1.33150769230769
Paraldehyde	123637	
Paraoxon \ p-Oxon	311455	
Paraquat \ PP148 \ Gramoxone	1910425	4.66666666666667E-02
Paraquat methosulfate	2074502	0.014
Parathion ethyl	56382	430.869564102564
Parathion methyl	298000	0.415664516129032
Paris green	12002038	
PCB-1016	12674112	9136
PCB-1221	11104282	9136
PCB-1232	11141165	9136
PCB-1242	53469219	9136
PCB-1248	12672296	9136
PCB-1254	11097691	9136
PCB-1260	11096825	9136
p-Chloro-o-toluidine	95692	
p-Chlorophenyl isocyanate	104121	
Pebulate \ Tillam	1114712	7.56756756756757E-03
Pendimethalin \ Prowl	40487421	0.175333333333333
Pentaborane (9)	19624227	
Pentachlorobenzene	608935	3.76965909090909
Pentachlorobiphenyl	25429292	
Pentachlorobiphenyl, 3,4,5,3',4'-	5004	
Pentachlorodibenzofuran, 1,2,3,7,8-	57117416	7632640
Pentachlorodibenzofuran, 2,3,4,7,8-	57117314	557312000
Pentachlorodibenzofurans, total	30402154	
Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321764	692928000

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Pentachlorodibenzo-p-dioxins, total	36088229	
Pentachloroethane	76017	7.7777777777778E-03
Pentachloronitrobenzene \ Quintozene	82688	38.5252
Pentachlorophenol	87865	0.55813333333333
Pentachlorophenol, sodium salt	131522	1.51351351351351
Pentacosane, n-	629992	
Pentadecanamine, 1-	2570265	
Pentadecane	629629	
Pentadecanoic acid	1002842	
Pentamethylbenzene	700129	5.49019607843137E-02
Pentanal, n-	110623	4.51612903225806E-03
Pentane, n-	109660	
Pentanol, 1-	71410	1.55081694821379E-04
Pentanone, 2-	107879	4.51612903225806E-05
Pentene, 1-	109671	
Pentetic acid	67436	0.00056
Pentobarbital sodium	57330	
Pentylbenzene	538681	3.27485380116959E-02
Peracetic acid	79210	1.77215189873418E-06
Perchloromethylmercaptan	594423	
Perfluidone	37924132	1.79487179487179E-04
Permethrin	52645531	
Permethrin \ Ambush \ Pounce	52645532	24.3513260869565
Permethrin I	61949766	6.3
Permethrin II	61949777	9.02222222222222
Perthane\Ethylan	72560	14
Perylene	198550	
Petroleum Naptha	8030306	6.6666666666667E-02
Phenacetin	62442	
Phenanthrene	85018	0.294736842105263
Phenazopyridine hydrochloride	136403	
Phenesterine	3546109	
Phenmedipham \ Bentanal	13684634	3.39393939393939E-03
Phenobarbitol	50066	1.15702479338843E-04
Phenol	108952	2.8003266666667E-02



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Phenols	999	
Phenothiazine	92842	2.82828282828283E-02
Phenoxarsine, 10,10'-oxydi-	58366	31.1111111111111
Phenoxyethanol, 2-	122996	4.14814814814815E-04
Phentermine	122098	
Phenyl benzoate	93992	
Phenyl ethanol, 2-	60128	
Phenyl-1-naphthalenamine, n-	90302	
Phenyl-1-propene, 3-	300572	
Phenyl-2-propanol, 2-	617947	
Phenylacetamide, 2-	103811	
Phenylacetic acid	103822	
Phenylanisole, o-	86260	
Phenylarsonic acid	98055	
Phenylenediamine	25265763	
Phenylhydrazine hydrochloride	59881	
Phenylmercury acetate	62384	1.54618018018018
Phenyl-naphthalene, 1-	605027	0.151351351351351
Phenyl-naphthalene, 2-	612942	0.151351351351351
Phenylphenol, o-	90437	2.82489148580968E-02
Phenylpropanol, 3-	122974	
Phenylpropionic acid	501520	
Phenylsilatrane	2097190	
Phenylthiourea, N-	103855	0.0000147
Phlogiston	6660663	
PHMB	32289580	2.54545454545455E-02
Phorate \ Famophos \ Thimet	298022	97.7433333333333
Phosacetin	4104147	
Phosalone \ Azofone	2310170	0.757633333333333
Phosfolan	947024	
Phosgene	75445	
Phosmet \ Imidan	732116	28.00581
Phosphamidon \ Dimecron	13171216	20.0056
Phosphate	14265442	
Phosphine	7803512	0.03577

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Phosphoric acid	7664382	
Phosphorothioic acid, methyl-, O-(4-nitrophenyl) O-	2665307	
Phosphorothioic acid, methyl-, O-ethyl O-[4-(methylthio)	2703131	
Phosphorus (As PO4)	-7723140	
Phosphorus (elemental)	7723140	21
Phosphorus chloride	10026138	
Phosphorus pentoxide	1314563	
Phosphorus trichloride	7719122	
Phosphoryl chloride	10025873	
Phosvel \ Leptophos	21609905	10.5660377358491
Photomirex	39801144	
Phthalic acid	88993	
Phthalic acid esters, NOS	1303	
Phthalic anhydride	85449	1.27964126984127E-04
Phthalide	87412	
Phylloquinone	84800	
Physostigmine	57476	
Physostigmine, salicylate (1:1)	57647	
Picloram	1918021	2.07412807407407
Picoline, 2-	109068	9.6723491718051E-05
Picric acid	88891	1.24444444444444E-02
Picrotoxin	124878	
Pindone	83261	6.48899188876014E-04
Pinene, alpha-	80568	6.36363636363636E-04
Pinene, beta-	18172673	
Piperidine	110894	
Piperitone	89816	
Piperonyl butoxide	51036	0.152444444444444
Piperonyl sulfoxide	120627	0.031638418079096
Piprotal \ Piperonal bis[2-(2-butoxyetho	5281130	
Primifos-ethyl \ Primicid	23505411	
Primiphos-methyl	29232937	0.138613861386139
Platinum	7440064	
Platinum dichloride	10025657	
Platinum tetrachloride	13454961	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Polybrominated biphenyls (PBBs)	N575	
Polybrominated biphenyls, NOS	59536651	
Polychlorinated alkanes	N583	
Polychlorinated biphenyls, NOS	1336363	34033.6
Polycyclic aromatic compounds	N590	100.66
Polyethylene Glycol 600	25322683	0.000056
Polymethylhydrosiloxane	63148572	
Polyoxyethylene (4) Stearic Acid (monoester)	9004993	
Polyphase \ Guardsan 388	55406536	7.96586059743954E-04
Potassium	7440097	1.05263157894737E-03
Potassium Acetate	127082	
Potassium arsenate	7784410	
Potassium arsenite	10124502	
Potassium bichromate	7778509	3.18181818181818E-03
Potassium bromate	7758012	
Potassium chromate	7789006	1.2280701754386E-03
Potassium cyanide	151508	0.16973126969697
Potassium silver cyanide	506616	0.00000588
Potassium-40	13966002	
p-Phenylenediamine	106503	1.54701947322726E-04
Praseodymium	7440100	
Previcur N	25606411	2.59297872340426E-04
Primisulfuron methyl	86209510	1.03703703703704E-02
Profenofos \ Curacron	41198087	70
Promecarb	2631370	
Prometon \ Pramitol	1610180	0.107333333333333
Prometyrn \ Caparol	7287196	8.71390134529148E-02
Pronamide	23950585	1.31088957456755E-03
Propachlor	1918167	0.330919457013575
Propanal	123386	4.30769230769231E-04
Propane sultone, 1,3-	1120714	
Propanedinitrile	109773	0.1
Propanil	709988	5.54278260869565E-02
Propanoic acid	79094	0.00112
Propanol, 1-	71238	2.72532606579716E-05

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Propargite/BPPS	2312358	0.562128
Propargyl alcohol	107197	3.88888888888889E-02
Propargyl bromide	106967	
Propazine	139402	7.82700464520263E-03
Propenylbenzene	637503	
Propetamphos	31218834	16.969696969697
Propham	122429	1.15733333333333E-02
Propiconazole	60207901	0.04
Propiolactone, beta-	57578	
Propionamide, 2-(m-Chlorophenoxy)	5825876	2.66666666666667E-03
Propiophenone	93550	
Propoxur \ Baygon	114261	4.31098510769231
Propyl chloroformate	109615	
Propylamine, n-	107108	1.81818181818182E-04
Propylbenzene, n-	103651	
Propylene	115071	7.03164239075841E-04
Propylene Glycol	57556	5.72128571428571E-05
Propylene glycol, allyl ether	1331175	
Propylene oxide	75569	2.12291631205674E-02
Propylouracil	51525	
Prothoate	2275185	0.0028
Pyrene	129000	9.32032786885246E-02
Pyrethrin I	121211	40.06979
Pyrethrin II	121299	40.009625
Pyrethrins	8003347	40.0294
Pyridinamine, 4-	504245	
Pyridine	110861	0.003024
Pyridine, 5-ethenyl-2-methyl	140761	
Pyrimidinone	67485294	0.622222222222222
Pyriminil	53558251	
Quinoline	91225	13.3462
Quinolinol sulfate	134316	
Quinomethionate/Oxythioquinox	2439012	0.756756756756757
Quizalofop,Ethyl	76578148	0.121739130434783
Radium 226	13982633	4135600

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Radium 228	15262201	942368000
Radon	10043922	
Reserpine	50555	
Resmethrin	10453868	10.2869290909091
Resorcinol	108463	0.000175
Rhenium	7440155	
Rhodium	7440166	
Rhodium trichloride	10049077	
Ricomide Tartrazine Ex Conc Dye	1934210	
Ronnel	299843	0.56
Rotenone \ Mexide	83794	21.6051457489879
Ruthenium	7440188	
Ryanodine	15662336	0.0175
Saccharin	81072	1.66666666666667E-05
Safrole	94597	9.7053726169844E-04
Salcomine	14167181	
Salicylaldehyde	90028	3.73333333333333E-02
Salicylic acid	69727	
Samarium	7440199	
Santalene, beta-	511591	
Sarin	107448	
Scandium	7440202	
sec-Butyl alcohol	78922	1.32481665483795E-05
Seleninyl chloride	7791233	
Selenious acid	7783008	0.00833
Selenium	7782492	1.121344
Selenium compounds	N725	1.121344
Selenium disulfide	7488564	
Selenium sulfide	7446346	
Selenourea	630104	0.000294
Semicarbazide	57567	
Semicarbazide hydrochloride	563417	
Sethoxydim	74051802	4.66666666666667E-02
Siduron	1982496	3.11111111111111E-03
Silica	7631869	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Silicon	7440213	
Silver	7440224	16.4707282352941
Silver compounds	N740	16.4707282353
Silver cyanide (AgCN)	506649	0.01715
Silvex Isooctyl Ester	32534955	
Simazine	122349	0.64232
Sodium	7440235	5.49019607843137E-06
Sodium 2-mercaptobenzothiazole	2492264	7.67123287671233E-02
Sodium 2-phenylphenate	132274	1.47368421052632E-02
Sodium Acetate	127093	1.6969696969697E-05
Sodium anthraquinone-1-sulfonate	128563	
Sodium arsenate	7631892	7.56756756756757E-02
Sodium arsenite	7784465	6.37087599544937E-02
Sodium azide	26628228	
Sodium bentazon	50723803	
Sodium Benzoate	532321	1.15702479338843E-04
Sodium bichromate	10588019	0.0056
Sodium Chloride (salt)	7647145	
Sodium chromate	7775113	1.38271604938272E-04
Sodium cyanide	143339	0.373343133333333
Sodium dicamba	1982690	
Sodium fluoroacetate	62748	
Sodium Formate	141537	1.6969696969697E-05
Sodium Hydroxide	1310732	7.78859527121001E-04
Sodium hypochlorite	7681529	9.49152542372881E-03
Sodium nitrite	7632000	0.373333333333333
Sodium selenite	10102188	2.06642066420664E-03
Sodium Sulfate	7757826	3.94366197183099E-04
Sodium tellurate	10102202	
Squalene	7683649	
Stearic acid	57114	
Streptomycin	57921	
Streptomycin sequisulfate	3810740	3.11111111111111E-03
Streptozotocin	18883664	
Strobane	8001501	112

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Strontium	7440246	2.21666666666667E-05
Strontium chromate	7789062	
Strontium sulfide	1314961	
Strychnine	57249	0.147667816091954
Strychnine and salts	N746	0.095307816091954
Strychnine, sulfate	60413	
Styrene	100425	1.40248482587065E-02
Sulfate \ CDEC	95067	0.048695652173913
Sulfate	14808798	0.0000056
Sulfide	18496258	2.80144666666667
Sulfite	14265453	
Sulfometuron Methyl	74222972	4.59996714309183E-06
Sulfur	7704349	0.0000056
Sulfur dioxide	7446095	
Sulfur tetrafluoride	7783600	
Sulfur trioxide	7446119	
Sulfuric acid	7664939	1.33333333333333E-03
Sulfuric acid, dithallium(1+) salt	7446186	
Sulfuryl fluoride	2699798	
Sulprofos oxon	38527901	
Sumithrin	26002802	42
Surfactants (MBAS)	101	
Swep	1918189	
Syringaldehyde	134963	
Tabun	77816	
Tantalum	7440257	5.95744680851064E-02
Tebuthiuron	34014181	0.00058
Tefluthrin	79538322	350
Tellurium	13494809	0.0448
Tellurium hexafluoride	7783804	
Temephos \ Abate	3383968	5.6
Terbacil	5902512	1.13689193807673E-03
Terbium	7440279	
Terbufos \ Counter	13071799	13.7452121212121
Terbutylazine	5915413	0.035

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Terbutryn	886500	0.642292682926829
Terephthalic acid	100210	3.29411764705882E-04
Terphenyl	26140603	
Terpinene, alpha-	99865	
Terpinene-4-ol	562743	
Terpineol	8000417	
Terpineol, alpha-	98555	1.14777618364419E-03
Terpinolene	586629	
Tetrabromobisphenol-A (TBBPA)	79947	
Tetrabromonaphthalene	88703315	
Tetrachloro-2-propanone, 1,1,3,3-	632213	
Tetrachloro-9H-Carbazole, 1,3,6,8-	7005	
Tetrachlorobenzene, 1,2,3,4-	634662	0.0175
Tetrachlorobenzene, 1,2,3,5-	634902	
Tetrachlorobenzene, 1,2,4,5-	95943	5.29666666666667
Tetrachlorobiphenyl	26914330	
Tetrachlorobiphenyl, 3,4,3',4'-	32598133	
Tetrachlorobiphenylene, 2,3,6,7-	7090417	
Tetrachlorobiphenylene, 2,3,7,8-	7004	
Tetrachlorocatechol, 3,4,5,6-	1198556	7.71349862258953E-02
Tetrachlorodibenzofuran, 2,3,7,8-	51207319	43819553.6842105
Tetrachlorodibenzofurans, total	55722275	
Tetrachlorodibenzo-p-dioxin, 2,3,7,8-	1746016	703584000
Tetrachlorodibenzo-p-dioxins, total	41903575	
Tetrachloroethane, 1,1,1,2-	630206	0.06244
Tetrachloroethane, 1,1,2,2-	79345	0.140811594202899
Tetrachloroethane, NOS	25322207	0.140811594202899
Tetrachloroethene	127184	0.233748392156863
Tetrachloroguaiacol, 3,4,5,6-	2539175	0.175
Tetrachloromethane	56235	0.342897058823529
Tetrachlorophene	1940438	0.306010928961749
Tetrachlorophenol	25167833	
Tetrachlorophenol, 2,3,4,6-	58902	5.47904504504504E-02
Tetrachlorophenol, 2,3,5,6-	935955	0.56
Tetrachlorvinphos \ Gardona \ Stirofos	22248799	0.143485891472868



**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Tetrachlorvinphos \ Gardona \ Stirofos	961115	0.143485891472868
Tetracosane, n-	646311	8.23529411764706E-05
Tetracycline hydrochloride	64755	
Tetradecane, n-	629594	4.30769230769231E-03
Tetradecanoic acid	544638	
Tetradecanol	112721	
Tetraethyl lead	78002	21440.3
Tetraethyldithiopyrophosphate	3689245	35.0784
Tetraethylene glycol dimethyl ether	143248	
Tetraethylpyrophosphate	107493	1.43589743589744
Tetraethyltin	597648	5.09090909090909
Tetrahydrofuran	109999	9.0541179337232E-05
Tetralone, 1-	529340	
Tetramethrin \ Neo-pynamin	7696120	15.1351351351351
Tetramethyl benzene	25619607	
Tetramethyl lead	75741	6.66666666666667E-04
Tetramethyl pentadecane, 2,6,10,14-	1921706	
Tetramethyl-3-pentanone, 2,2,4,4-	815247	
Tetramethylbenzene, 1,2,3,4-	488233	
Tetramethylbenzene, 1,2,3,5-	527537	
Tetramethylbenzene, 1,2,4,5-	95932	
Tetranitromethane	509148	
Thallic oxide	1314325	0.3724
Thallium	7440280	1.02705882352941
Thallium compounds	N760	1.02705882353
Thallium selenite	12039520	
Thallium sulfate	10031591	4.66666666666667E-04
Thallium(I)acetate	563688	0.04165
Thallium(I)carbonate	6533739	5.22666666666667E-03
Thallium(I)chloride	7791120	0.02254
Thallium(I)nitrate	10102451	0.00245
Thallos malonate	2757188	
Thiabendazole \ Mertect	148798	7.98856621004566E-03
Thianaphthene	95158	3.91882435269419E-03
Thifensulfuron methyl	79277273	0.00056

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Thioacetamide	62555	2.07407407407407E-04
Thiobencarb	28249776	
Thiobis(4,6-dichlorophenol), 2,2'-	97187	
Thiobis(4-chloro-6-methylphenol), 2,2'-	4418660	
Thiocarbazine	2231574	
Thiocyanate	302045	0.121739130434783
Thiodianiline, 4,4'-	139651	1.95804195804196E-03
Thiodicarb	59669260	2.07407407407407
Thiofanox	39196184	0.430769230769231
Thiometon \ Ekatin	640153	0.0175
Thiophanate ethyl	23564069	1.13131313131313E-03
Thiophanate methyl	23564058	1.16121348314607E-02
Thiosemicarbazide	79196	
Thiourea	62566	3.11111111111111E-02
Thiourea, (2-chlorophenyl)-	5344821	
Thiourea, (2-methylphenyl)-	614788	
Thioxanthone	492228	
Thiram	137268	0.565253333333333
Thorium	7440291	
Thorium dioxide	1314201	
Thulium	7440304	
Tin	7440315	0.301075268817204
Tirpate	26419738	
Titanium	7440326	2.93193717277487E-02
Titanium oxide	13463677	
Titanium tetrachloride	7550450	
Tokuthion \ Prothiofos	34643464	9.33333333333333E-03
Tolidine, o-	119937	0.035
Toluene	108883	0.00562782
Toluene diisocyanate	26471625	
Toluene diisocyanate, 2,4-	584849	3.40425531914894E-04
Toluene diisocyanate, 2,6-	91087	3.41463414634146E-04
Toluenediamine	25376458	0.3388
Toluenesulphonic acid, p-	104154	
Toluic acid, m-	99047	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Toluic acid, o-	118901	
Toluic acid, p- methyl ester	99752	
Toluidine hydrochloride, o-	636215	2.15384615384615E-03
Toluidine, o-	95534	0.25424
Tolyltriazole	29385431	1.80645161290323E-03
Total Petroleum Hydrocarbons	888	0.1
Toxaphene	8001352	30017.4
Tralomethrin	66841256	835.820895522388
Tranid	15271417	1.33333333333333E-02
Triacontane, n-	638686	8.23529411764706E-05
Triadimefon	43121433	6.01377777777778E-03
Tri-allate \ Far-Go	2303175	0.202375601926164
Triamiphos	1031476	
Triasulfuron	82097505	5.33333333333333E-05
Triazene, 3,3-dimethyl-1-(p-chlorophenyl)-	7203909	
Triaziquone	68768	1.47757255936675E-07
Triazofos	24017478	0.01
Tribenuron methyl	101200480	7.77777777777778E-05
Tribromoaniline, 2,4,6-	147820	
Tribromomethane	75252	4.56584752726729E-03
Tribromophenyl, 2,4,6-	118796	
Tributyltin (TBT)	688733	88.8888888888889
Tributyltin benzoate	4342363	0.875
Tributyltin fluoride	1983104	
Tributyltin methacrylate	2155706	
Tributyltin oxide	56359	51.2166666666667
Trichloro(chloromethyl)silane	1558254	
Trichloro(dichlorophenyl)silane	27137855	
Trichloroacetyl chloride	76028	
Trichloroanisole, 2,4,5-	7007	
Trichloroanisole, 2,4,6-	87401	
Trichlorobenzene	12002481	0.354946666666667
Trichlorobenzene, 1,2,3-	87616	0.186666666666667
Trichlorobenzene, 1,2,4-	120821	2.55084195804196E-02
Trichlorobenzene, 1,3,5-	108703	

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Trichlorocatechol, 3,4,5-	56961207	3.1111111111111111E-02
Trichlorocatechol, 3,4,6-	32139723	1.46596858638743E-02
Trichloroethane	25323891	4.30769230769231E-04
Trichloroethane, 1,1,1-	71556	4.69969230769231E-03
Trichloroethane, 1,1,2-	79005	3.63407692307692E-02
Trichloroethene	79016	1.90755043771044E-02
Trichloroethylsilane	115219	
Trichlorofluoromethane	75694	1.10202911208151E-03
Trichlorofon \ Dylox	52686	700.0002016
Trichloroguaiacol, 3,4,5-	57057837	7.46666666666667E-02
Trichloroguaiacol, 3,4,6-	60712449	1.85430463576159E-02
Trichloroguaiacol, 4,5,6-	2668248	0.182410423452769
Trichloromethane	67663	2.07838888888889E-03
Trichloromethanethiol	75707	
Trichloronate	327980	560
Trichlorophenol	25167822	0.655177777777778
Trichlorophenol, 2,3,6-	933755	1.64705882352941E-02
Trichlorophenol, 2,4,5-	95954	1.78190697674419E-02
Trichlorophenol, 2,4,6-	88062	0.497666666666667
Trichlorophenol, 3,4,5-	609198	
Trichlorophenoxyacetic acid, 2,4,5-	93765	0.2891
Trichlorophenoxypropionic acid, 2,4,5-	93721	0.210730882352941
Trichlorophenylsilane	98135	
Trichloropropane, 1,2,3-	96184	5.26432672112019
Trichloropropane, NOS	25735299	
Trichloropropanone, 1,1,1-	918003	
Trichloropropene	96195	0.00728
Trichlorosyringol, 3,4,5-	2539266	1.06060606060606E-02
Trichlorotrifluoroethane	26523648	
Triclopyr, triethylamine salt	57213691	5.09090909090909E-05
Triclosan	3380345	0.224
Tricosane, n-	638675	
Tricresylphosphate	78308	0.373333333333333
Tridecane	629505	4.30769230769231E-03
Tridecanoic acid	638539	

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Tridecanone, 2-	593088	0.155555555555556
Tridecene, 1-	2437561	
Tridiphane	58138082	0.224
Triethanolamine	102716	0.00035
Triethoxysilane	998301	
Triethylamine	121448	1.47259913747765E-04
Triethylene glycol n-butyl ether	143226	
Triethylphosphorothioate, O,O,O-	126681	
Trifluralin \ Treflan	1582098	6.55316487179487
Triforine	26644462	0.00224
Trimethoxybenzaldehyde, 3,4,5-	86817	
Trimethoxybenzene, 1,2,3-	634366	
Trimethyl benzene	25551137	
Trimethyl pyrazine	14667551	
Trimethyl pyridine, 2,4,6-	108758	
Trimethylacetophenone, 2,4,6-	1667012	
Trimethylaniline, 2,4,5-	137177	
Trimethylbenzenamine, 2,4,6-	88051	
Trimethylbenzene, 1,2,3-	526738	
Trimethylbenzene, 1,2,4-	95636	2.75862068965517E-02
Trimethylbenzene, 1,3,5-	108678	
Trimethylchlorosilane	75774	
Trimethyldihydroquinoline, 2,2,4-	147477	
Trimethylnaphthalene, 2,3,5-	2245387	
Trimethylnaphthalene, 2,3,6-	829265	
Trimethylolpropane phosphite	824113	
Trimethylpentane, 2,2,4-	540841	
Trimethylphenol, 2,3,5-	697825	
Trimethylphenol, 2,4,5-	496786	
Trimethylphenol, 2,4,6-	527606	4.30769230769231E-03
Trimethylphenol, 3,4,5-	527548	
Trimethylphosphate	512561	5.18798858773181E-03
Trimethyltin chloride	1066451	
Tri-n-butyl phosphate	126738	0.0112
Trinitrobenzene, 1,3,5-	99354	

**Table 4-A (Continued)**

Pollutant	CASNU	12/04 TWF
Trinitrotoluene	118967	2.17054263565891E-02
Trinitro-triazine, hexahydro-/	121824	
Trioxane, 1,3,5-	110883	9.41176470588235E-06
Triphenyl phosphate	115866	3.02702702702703E-02
Triphenylene	217594	0.35
Triphenylphosphine oxide	791286	1.04283054003724E-03
Triphenyltin chloride	639587	
Triphenyltin hydroxide	76879	
Tripropyleneglycolmethylether	20324338	8.18869083305307E-06
Tris(1-aziridinyl)phosphine sulfide	52244	
Tris(2,3-dibromopropyl)phosphate	126727	0.233333333333333
Tris(2-chloroethyl) phosphate	115968	
Tris(2-chloroethyl)amine	555771	
Tris-chlorophenyl methanol	7008	
Trithiane, 1,3,5-	291214	1.99457191500274E-05
Trypan blue	72571	
Tungsten	7440337	5.25328330206379E-03
Type I Ethylene Glycol Formulated Aircraft Deicing Fluid	103	1.51351351351351E-05
Type I Propylene Glycol Formulated Aircraft Deicing Fluid	105	3.5264483627204E-05
Type II Ethylene Glycol Formulated Aircraft Deicing Fluid	104	4.66666666666667E-04
Type II Propylene Glycol Formulated Aircraft Deicing Fluid	106	3.11111111111111E-03
Undecane, n-	1120214	4.30769230769231E-03
Undecanol, 1-	112425	
Undecanone, 2-	112129	3.73333333333333E-02
Uracil mustard	66751	
Uranium	7440611	
Urea	57136	0.000112
Urethane	51796	7.17652456293684E-06
Valeric acid	109524	1.24444444444444E-03
Valinomycin	2001958	
Vanadium	7440622	0.035
Vanadium compounds	N770	0.035
Vanadium pentoxide	1314621	
Vancide 51Z \ Zetax	155044	
Vancide TH	7779274	1.52588555858311E-02

**Table 4-A (Continued)**

<b>Pollutant</b>	<b>CASNU</b>	<b>12/04 TWF</b>
Vernolate	1929777	0.312078260869565
Vinclozolin	50471448	0.00056
Vinyl acetate	108054	0.0040028
Vinyl bromide	593602	2.66666666666667E-04
Vinylbornen	3048644	
Vinylpyridine, 2-	100696	
VX	50782699	
Warfarin	81812	2.24515306122449
Warfarin and salts	N874	1.86015306122449
Warfarin sodium	129066	
Xylene, m-	108383	1.58149743589744E-03
Xylene, m- & p-	179601231	4.79290290456431E-03
Xylene, o-	95476	4.3498042042042E-03
Xylene, o- & p-	136777612	4.79290290456431E-03
Xylene, p-	106423	4.79290290456431E-03
Xylenes	1330207	4.32470447761194E-03
Xylidine, 2,6-	87627	4.44444444444444E-03
Ytterbium	7440644	
Yttrium	7440655	
ZAC	7003	
Zinc	7440666	0.046886
Zinc compounds	N982	0.046886
Zinc cyanide	557211	0.003724
Zinc oxide	1314132	
Zinc phosphide	1314847	
Zinc, dichloro[4,4-dimethyl-5-[[[(methylamino) carbonyl]	58270089	
Zineb \ Dithane Z	12122677	6.24919587628866E-02
Zinophos \ Thionazin	297972	
Ziram \ Cymate	137304	3.11111118111111
Zirconium	7440677	0.54368932038835

Source: December 2004 TWFs; *Toxic Weighting Factor Development in Support of the 304(m) Planning Process*

## **Attachment 5**

### **SIC/PSC CROSSWALK DEVELOPMENT**

- Table 5-A - SIC/PSC Crosswalk table
- Table 5-B - 88 Chemicals in MPM rule
- Table 5-C - 48 TRI chemicals in MPM
- Table 5-D - PCS Parameters in MPM



**Table 5-A. SIC/PSC Crosswalk**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
0101	COCOA	SIC	1	Agricultural Production - Crops
0111	WHEAT	SIC	1	Agricultural Production - Crops
0112	RICE	SIC	1	Agricultural Production - Crops
0115	CORN	SIC	1	Agricultural Production - Crops
0116	SOYBEANS	SIC	1	Agricultural Production - Crops
0119	CASH GRAINS, NEC	SIC	1	Agricultural Production - Crops
0131	COTTON	SIC	1	Agricultural Production - Crops
0132	TOBACCO	SIC	1	Agricultural Production - Crops
0133	SUGARCANE AND SUGAR BEETS	SIC	1	Agricultural Production - Crops
0134	IRISH POTATOES	SIC	1	Agricultural Production - Crops
0139	CROPS, EXCEPT CASH GRAINS, NEC	SIC	1	Agricultural Production - Crops
0161	VEGETABLES AND MELONS	SIC	1	Agricultural Production - Crops
0171	BERRY CROPS	SIC	1	Agricultural Production - Crops
0172	GRAPES	SIC	1	Agricultural Production - Crops
0173	TREE NUTS	SIC	1	Agricultural Production - Crops
0174	CITRUS FRUITS	SIC	1	Agricultural Production - Crops
0175	DECIDUOUS TREE FRUITS	SIC	1	Agricultural Production - Crops
0179	FRUITS AND TREE NUTS, NEC	SIC	1	Agricultural Production - Crops
0181	ORNAMENTAL NURSERY PRODUCTS	SIC	1	Agricultural Production - Crops
0182	FOOD CROPS GROWN UNDER COVER	SIC	1	Agricultural Production - Crops
0191	GENERAL FARMS, PRIMARILY CROP	SIC	1	Agricultural Production - Crops
0211	BEEF CATTLE FEEDLOTS	PSC	412	CAFO
0212	BEEF CATTLE, EXCEPT FEEDLOTS	PSC	412	CAFO
0213	HOGS	PSC	412	CAFO
0214	SHEEP AND GOATS	PSC	412	CAFO

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**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
0219	GENERAL LIVESTOCK, NEC	PSC	412	CAFO
0241	DAIRY FARMS	PSC	412	CAFO
0251	BROIL, FRY AND ROAST CHICKENS	PSC	412	CAFO
0252	CHICKEN EGGS	PSC	412	CAFO
0253	TURKEY AND TURKEY EGGS	PSC	412	CAFO
0254	POULTRY HATCHERIES	PSC	412	CAFO
0259	POULTRY AND EGGS, NEC	PSC	412	CAFO
0271	FUR-BEARING ANIMALS & RABBITS	SIC	2	Agricultural Production - Livestock
0272	HORSES AND OTHER EQUINES	PSC	412	CAFO
0273	ANIMAL AQUACULTURE	PSC	451	Aquatic Animal Production Industry
0279	ANIMAL SPECIALTIES, NEC	SIC	2	Agricultural Production - Livestock
0291	FARMS, PRIMARILY LIVESTOCK	SIC	2	Agricultural Production - Livestock
0711	SOIL PREPARATION SERVICES	SIC	7	Agricultural Services
0721	CROP PLANTING & PROTECTION	SIC	7	Agricultural Services
0722	HARVESTING, PRIMARILY MACHINE	SIC	7	Agricultural Services
0723	CROP PREP SERVICES FOR MARKET	SIC	7	Agricultural Services
0724	COTTON GINNING	SIC	7	Agricultural Services
0741	VET SERVICES FOR LIVESTOCK	PSC	460	Health Services Industries
0742	VET SERV FOR ANIMAL SPECIALTY	PSC	460	Health Services Industries
0751	LIVESTOCK SERVICES, EXCEPT VET	SIC	7	Agricultural Services
0752	ANIMAL SPECIAL SERV EXCEPT VET	SIC	7	Agricultural Services
0761	FARM LABOR CONTRACT & CREW	SIC	7	Agricultural Services
0762	FARM MANAGEMENT SERVICES	SIC	7	Agricultural Services
0781	LANDSCAPE COUNSELING AND PLAN	SIC	7	Agricultural Services
0782	LAWN AND GARDEN SERVICES	SIC	7	Agricultural Services

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
0783	ORNAMENTAL SHRUB AND TREE SERV	SIC	7	Agricultural Services
0811	TIMBER TRACTS	SIC	8	Forestry
0831	FOREST PRODUCTS	SIC	8	Forestry
0851	FORESTRY SERVICES	SIC	8	Forestry
0912	FINFISH	SIC	9	Fishing, Hunting, & Trapping
0913	SHELLFISH	SIC	9	Fishing, Hunting, & Trapping
0919	MISCELLANEOUS MARINE PRODUCTS	SIC	9	Fishing, Hunting, & Trapping
0921	FISH HATCHERIES AND PRESERVES	PSC	451	Aquatic Animal Production Industry
0971	HUNT & TRAP & GAME PROPOGATION	SIC	9	Fishing, Hunting, & Trapping
1011	IRON ORES	PSC	440	Ore mining and dressing
1021	COPPER ORES	PSC	440	Ore mining and dressing
1031	LEAD AND ZINC ORES	PSC	440	Ore mining and dressing
1041	GOLD ORES	PSC	440	Ore mining and dressing
1044	SILVER ORES	PSC	440	Ore mining and dressing
1061	FERROALLOY ORES, EXCL VANADIUM	PSC	440	Ore mining and dressing
1081	METAL MINING SERVICES	PSC	440	Ore mining and dressing
1094	URANIUM-RADIUM-VANADIUM ORES	PSC	440	Ore mining and dressing
1099	METAL ORES, NEC	PSC	440	Ore mining and dressing
1221	BITUMINOUS COAL & LIG, SURFACE	PSC	434	Coal mining
1222	BITUMINOUS COAL & LIG, UNDERGR	PSC	434	Coal mining
1231	ANTHRACITE MINING	PSC	434	Coal mining
1241	COAL MINING SERVICE	SIC	12	Coal Mining - SIC 12
1311	CRUDE PETROLEUM & NATURAL GAS	PSC	435	Oil & Gas Extraction
1321	NATURAL GAS LIQUIDS	SIC	13	Natural Gas Liquids
1381	DRILLING OIL AND GAS WELLS	PSC	435	Oil & Gas Extraction

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
1382	OIL AND GAS FIELD EXPLORATION	PSC	435	Oil & Gas Extraction
1389	OIL AND & FIELD SERVICES, NEC	PSC	435	Oil & Gas Extraction
1411	DIMENSION STONE	PSC	436	Mineral Mining and Processing
1422	CRUSHED AND BROKEN LIMESTONE	PSC	436	Mineral Mining and Processing
1423	CRUSHED AND BROKEN GRANITE	PSC	436	Mineral Mining and Processing
1429	CRUSHED AND BROKEN STONE, NEC	PSC	436	Mineral Mining and Processing
1442	CONSTRUCTION SAND AND GRAVEL	PSC	436	Mineral Mining and Processing
1446	INDUSTRIAL SAND	PSC	436	Mineral Mining and Processing
1455	KAOLIN AND BALL CLAY	PSC	436	Mineral Mining and Processing
1459	CLAY, CERAMIC & REFRAC MAT NEC	PSC	436	Mineral Mining and Processing
1474	POTASH, SODA & BORATE MINERALS	PSC	436	Mineral Mining and Processing
1475	PHOSPHATE ROCK	PSC	436	Mineral Mining and Processing
1479	CHEM & FERT MINERA MINING, NEC	PSC	436	Mineral Mining and Processing
1481	NONMETAL MINERAL (EXCEPT FUELS	PSC	436	Mineral Mining and Processing
1499	MISC NONMETAL MINERALS, NEC	PSC	436	Mineral Mining and Processing
1521	CONTRACTORS-SINGLE FAMILY HOUS	SIC	15	General Building Contractors
1522	GEN CONTRACT-RES, NOT SINFA	SIC	15	General Building Contractors
1531	OPERATIVE BUILDERS	SIC	15	General Building Contractors
1541	GEN CONTRACT-INDUST. BLDGS.	SIC	15	General Building Contractors
1542	GEN CONTRACT, NON-RES BLDGS.	SIC	15	General Building Contractors
1611	HWY & ST CONST., EXC. ELEV HWY	SIC	16	Heavy Construction, Except Building
1622	BRIDGE, TUNNEL & ELEV HWY CONS	SIC	16	Heavy Construction, Except Building
1623	H2O, SEW, PIPE & COM. & POWR	SIC	16	Heavy Construction, Except Building
1629	HEAVY CONSTRUCTION, NEC	PNC	NA	Construction and Development
1711	PLUMB, HEAT & AIR CONDITIONING	SIC	17	Special Trade Contractors

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
1721	PAINTING AND PAPER HANGING	SIC	17	Special Trade Contractors
1731	ELECTRICAL WORK	SIC	17	Special Trade Contractors
1741	MASONRY, STONE SET, STONE WORK	SIC	17	Special Trade Contractors
1742	PLSTR, DRYWALL, ACOUS, & INSUL	SIC	17	Special Trade Contractors
1743	TERRAZZO, TILE, MARBLE, MOSAIC	SIC	17	Special Trade Contractors
1751	CARPENTRY WORK	SIC	17	Special Trade Contractors
1752	FLOOR LAY & OTHER FLOOR WORK	SIC	17	Special Trade Contractors
1761	ROOF, SIDE & SHEET METAL WORK	SIC	17	Special Trade Contractors
1771	CONCRETE WORK	SIC	17	Special Trade Contractors
1781	WATER WELL DRILLING	SIC	17	Special Trade Contractors
1791	STRUCTURAL STEEL ERECTION	SIC	17	Special Trade Contractors
1793	GLASS AND GLAZING WORK	SIC	17	Special Trade Contractors
1794	EXCAVATION WORK	SIC	17	Special Trade Contractors
1795	WRECKING AND DEMOLITION WORK	SIC	17	Special Trade Contractors
1796	INST OR ERECTION OF BLDG EQUIP	SIC	17	Special Trade Contractors
1799	SPECIAL TRADE CONTRACTORS, NEC	SIC	17	Special Trade Contractors
2011	MEAT PACKING PLANTS	PSC	432	Meat and Poultry Products
2013	SAUSAGES & PREPARED MEAT PROD	PSC	432	Meat and Poultry Products
2015	POULTRY SLAUGHTERING & PROCESS	PSC	432	Meat and Poultry Products
2021	CREAMERY BUTTER	PSC	405	Dairy products processing
2022	CHEESE, NATURAL AND PROCESSED	PSC	405	Dairy products processing
2023	CONDENSED AND EVAPORATED MILK	PSC	405	Dairy products processing
2024	ICE CREAM AND FROZEN DESSERTS	PSC	405	Dairy products processing
2026	FLUID MILK	PSC	405	Dairy products processing
2032	CANNED SPECIALTIES	PNC	NA	Miscellaneous Foods and Beverages

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**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2033	CANNED FRUITS, VEG, PRES, JAM	PSC	407	Fruits and vegetable processing
2034	DEHYDRATED FRUITS, VEG, SOUPS	PNC	NA	Miscellaneous Foods and Beverages
2035	PICKLED FRTS & VEG. SAUCES	PSC	407	Fruits and vegetable processing
2037	FROZEN FRTS, FRT JUICES & VEG	PSC	407	Fruits and vegetable processing
2038	FROZEN SPECIALTIES, NEC	PNC	NA	Miscellaneous Foods and Beverages
2041	FLOUR & OTHER GRAIN MILL PROD	PSC	406	Grain mills manufacturing
2043	CEREAL BREAKFAST FOODS	PSC	406	Grain mills manufacturing
2044	RICE MILLING	PSC	406	Grain mills manufacturing
2045	BLENDED AND PREPARED FLOUR	PSC	406	Grain mills manufacturing
2046	WET CORN MILLING	PSC	406	Grain mills manufacturing
2047	DOG AND CAT FOOD	PSC	406	Grain mills manufacturing
2048	PREP FEEDS & INGRED FOR ANIMA	SIC	20	Food & Kindred Products
2051	BREAD & OTHER BAKERY PRODUCTS	PNC	NA	Miscellaneous Foods and Beverages
2052	COOKIES AND CRACKERS	PNC	NA	Miscellaneous Foods and Beverages
2053	FROZEN BAKERY PRODUCTS	PNC	NA	Miscellaneous Foods and Beverages
2061	CANE SUGAR, EXCEPT REFINE ONLY	PSC	409	Sugar processing
2062	CANE SUGAR REFINING	PSC	409	Sugar processing
2063	BEET SUGAR	PSC	409	Sugar processing
2064	CANDY & OTHER CONFECTION PROD	PNC	NA	Miscellaneous Foods and Beverages
2066	CHOCOLATE AND COCOA PRODUCTS	PNC	NA	Miscellaneous Foods and Beverages
2067	CHEWING GUM	PNC	NA	Miscellaneous Foods and Beverages
2068	SALTED & ROASTED NUTS & SEEDS	PNC	NA	Miscellaneous Foods and Beverages
2074	COTTONSEED OIL MILLS	PNC	NA	Miscellaneous Foods and Beverages
2075	SOYBEAN OIL MILLS	PNC	NA	Miscellaneous Foods and Beverages
2076	VEG. OIL MILLS, EXCEPT CORN	PNC	NA	Miscellaneous Foods and Beverages

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2077	ANIMAL AND MARINE FATS & OILS	PSC	432	Meat and Poultry Products
2079	SHORT, TABLE OILS, MARGERINE	PNC	NA	Miscellaneous Foods and Beverages
2080		SIC	20	Food & Kindred Products
2082	MALT BEVERAGES	PNC	NA	Miscellaneous Foods and Beverages
2083	MALT	PNC	NA	Miscellaneous Foods and Beverages
2084	WINES, BRANDY & BRANDY SPIRIT	PNC	NA	Miscellaneous Foods and Beverages
2085	DIST, RECTIFIED & BLENDED LIQ	PNC	NA	Miscellaneous Foods and Beverages
2086	BOT & CAN SOFT DRNK & CARB WA	PNC	NA	Miscellaneous Foods and Beverages
2087	FLAV EXTR & FLAV SYRUPS, NEC	PNC	NA	Miscellaneous Foods and Beverages
2091	CANNED & CURED FISH & SEAFOOD	PSC	408	Canned and preserved seafood
2092	FRE OR FROZ PCK FISH, SEAFOOD	PSC	408	Canned and preserved seafood
2095	ROASTED COFFEE	PNC	NA	Miscellaneous Foods and Beverages
2096	POTATO CHIPS & SIMILAR SNACKS	PSC	407	Fruits and vegetable processing
2097	MANUFACTURED ICE	PNC	NA	Miscellaneous Foods and Beverages
2098	MACARONI, SPAGH, VERMI, NOODL	PNC	NA	Miscellaneous Foods and Beverages
2099	FOOD PREPARATIONS, NEC	PNC	NA	Miscellaneous Foods and Beverages
2111	CIGARETTES	PNC	NA	Tobacco Products
2121	CIGARS	PNC	NA	Tobacco Products
2131	TOBACCO (CHEW & SMOK) & SNUFF	PNC	NA	Tobacco Products
2141	TOBACCO STEMMING AND REDRYING	PNC	NA	Tobacco Products
2211	BROAD WOVEN FABRIC MILLS, COTT	PSC	410	Textile mills
2221	BROAD WOVEN FABRIC MILLS, SYNT	PSC	410	Textile mills
2231	BROAD WOVEN FABRIC MILLS, WOOL	PSC	410	Textile mills
2241	NARROW FAB & OTHER SMALLWARES	PSC	410	Textile mills
2251	WOMEN'S FULL/KNEE LENGTH HOSRY	PSC	410	Textile mills

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2252	HOSIERY, NEC	PSC	410	Textile mills
2253	KNIT OUTERWEAR MILLS	PSC	410	Textile mills
2254	KNIT UNDERWEAR MILLS	PSC	410	Textile mills
2257	CIRCULAR KNIT FABRIC MILLS	PSC	410	Textile mills
2258	WARP KNIT FABRIC MILLS	PSC	410	Textile mills
2259	KNITTING MILLS, NEC	PSC	410	Textile mills
2261	FINISH OF BRD WOV FAB OF COTTN	PSC	410	Textile mills
2262	FINISH OF BRD WOV FAB/MAN-MADE	PSC	410	Textile mills
2269	FINISHERS OF TEXTILES, NEC	PSC	410	Textile mills
2273	CARPETS AND RUGS, NEC	PSC	410	Textile mills
2281	YARN SPIN MILLS:COTTON, MM FIB	PSC	410	Textile mills
2282	YARN TEXT, THROW, TWIST & WIND	PSC	410	Textile mills
2284	THREAD MILLS	PSC	410	Textile mills
2295	COATED FABRICS, NOT RUBBERIZED	PSC	410	Textile mills
2296	TIRE CORD AND FABRIC	PSC	410	Textile mills
2297	NONWOVEN FABRICS	PSC	410	Textile mills
2298	CORDAGE AND TWINE	PSC	410	Textile mills
2299	TEXTILE GOODS, NEC	PSC	410	Textile mills
2311	MEN'S & BOY'S SUITS, COATS	SIC	23	Apparel & Other Textile Products
2321	MEN'S, & BOY'S SHIRTS	SIC	23	Apparel & Other Textile Products
2322	MEN'S & BOYS UNDERWEAR & NIGHT	PSC	410	Textile mills
2323	MEN'S, YOUTH'S & BOYS NECKWEAR	SIC	23	Apparel & Other Textile Products
2325	MEN & BOY SEP TROUSERS & SLACK	SIC	23	Apparel & Other Textile Products
2326	MEN'S & BOY'S WORK CLOTHING	SIC	23	Apparel & Other Textile Products
2329	MEN'S, YOUTH'S & BOY'S CLOTHNG	SIC	23	Apparel & Other Textile Products



**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2331	WOMEN, MIS, JR' BLSES, WAISTS	SIC	23	Apparel & Other Textile Products
2335	WOMEN'S, MISSES' & JRS' DRESS	SIC	23	Apparel & Other Textile Products
2337	WOMEN, MIS', JRS' SUITS, SHIRT	SIC	23	Apparel & Other Textile Products
2339	WOMEN'S, MISS' & JR' OUTERWEAR	SIC	23	Apparel & Other Textile Products
2341	WOMENS,MIS',CHLD'S,INF UNDERWE	SIC	23	Apparel & Other Textile Products
2342	BRASSIERS,GIRDLES & ALLIED GAR	SIC	23	Apparel & Other Textile Products
2353	HATS, CAPS AND MILLINERY	SIC	23	Apparel & Other Textile Products
2361	GIRLS, CHILDS & INFS OUTERWEAR	SIC	23	Apparel & Other Textile Products
2369	GIRLS, CHILDS & INFS OUTERWEAR	SIC	23	Apparel & Other Textile Products
2371	FUR GOODS	SIC	23	Apparel & Other Textile Products
2381	DRESS & WK GLOVE EXC KNIT/LEAT	SIC	23	Apparel & Other Textile Products
2384	ROBES & DRESSING GOWNS	SIC	23	Apparel & Other Textile Products
2385	RAINCOATS & RAINGEAR	SIC	23	Apparel & Other Textile Products
2386	LEATHER & SHEEP-LINED CLOTHING	SIC	23	Apparel & Other Textile Products
2387	APPAREL BELTS	SIC	23	Apparel & Other Textile Products
2389	APPAREL & ACCESSORIES, NEC	SIC	23	Apparel & Other Textile Products
2391	CURTAINS & DRAPERIES	SIC	23	Apparel & Other Textile Products
2392	HOUSEFURNISHINGS, EXC CURTAINS	SIC	23	Apparel & Other Textile Products
2393	TEXTILE BAGS	SIC	23	Apparel & Other Textile Products
2394	CANVAS & RELATED PRODUCTS	SIC	23	Apparel & Other Textile Products
2395	PLEATING, DECOR/NOVELTY STITCH	SIC	23	Apparel & Other Textile Products
2396	AUTOMOTIVE TRIMMINGS, APPAREL	PSC	410	Textile mills
2397	SCHIFFLI MACHINE EMBROIDERIES	SIC	23	Apparel & Other Textile Products
2399	FABRCATED TEXTILE PRODUCTS NEC	PSC	410	Textile mills
2411	LOGGING CAMPS/LOGGING CONTRACT	SIC	24	Lumber & Wood Products

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2421	SAWMILLS & PLANING MILLS, GEN	PSC	429	Timber products processing
2426	HARDWOOD DIMEN & FLOORING MILL	SIC	24	Lumber & Wood Products
2429	SPECIAL PRODUCT SAWMILLS NEC	SIC	24	Lumber & Wood Products
2431	MILLWORK	PSC	429	Timber products processing
2434	WOOD KITCHEN CABINETS	PSC	429	Timber products processing
2435	HARDWOOD VENEER AND PLYWOOD	PSC	429	Timber products processing
2436	SOFTWOOD VENEER AND PLYWOOD	PSC	429	Timber products processing
2439	STRUCTURAL WOOD MEMBERS, NEC	PSC	429	Timber products processing
2441	NAILED/LOCK CORNER WOOD BOXES	SIC	24	Lumber & Wood Products
2448	WOOD PALLETS AND SKIDS	SIC	24	Lumber & Wood Products
2449	WOOD CONTAINERS NEC	SIC	24	Lumber & Wood Products
2451	MOBILE HOMES	SIC	24	Lumber & Wood Products
2452	PREFAB WOOD BLDGS & COMPONENTS	SIC	24	Lumber & Wood Products
2491	WOOD PRESERVING	PSC	429	Timber products processing
2493	RECONSTITUTED WOOD PRODUCTS	PSC	429	Timber products processing
2499	WOOD PRODUCTS, NEC	PSC	429	Timber products processing
2511	WOOD HOUSEHOLD FURN, EXC UPHOL	PSC	429	Timber products processing
2512	WOOD HOUSEHOLD FURN, UPHOLSTER	PSC	429	Timber products processing
2514	METAL HOUSEHOLD FURNITURE	PSC	433	Metal Finishing
2515	MATTRESSES AND BEDSPRINGS	SIC	25	Furniture & Fixtures
2517	WOOD TV, RADIO, PHONO CABINET	PSC	429	Timber products processing
2519	HOUSEHOLD FURNITURE, NEC	SIC	25	Furniture & Fixtures
2521	WOOD OFFICE FURNITURE	PSC	429	Timber products processing
2522	METAL OFFICE FURNITURE	PSC	433	Metal Finishing
2531	PUBLIC BUILDING/RELATED FURNIT	PSC	433	Metal Finishing

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**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2541	WOOD PARTI,SHELF,LOCK,ETC	PSC	429	Timber products processing
2542	METAL PARTI,SHELF,LOCKERS	PSC	433	Metal Finishing
2591	DRAPE HARDWARE/WINDOW BLINDS	PSC	433	Metal Finishing
2599	FURNITURE AND FIXTURES, NEC	PSC	433	Metal Finishing
2611	PULP MILLS	PSC	430	Pulp, paper and paperboard
2621	PAPER MILLS	PSC	430	Pulp, paper and paperboard
2631	PAPERBOARD MILLS	PSC	430	Pulp, paper and paperboard
2649		SIC	26	Paper & Allied Products
2652	SET-UP PAPERBOARD BOXES	SIC	26	Paper & Allied Products
2653	CORRUGATED/SOLID FIBER BOXES	PSC	430	Pulp, paper and paperboard
2655	FIBER CANS, TUBES,DRUMS & PROD	PSC	430	Pulp, paper and paperboard
2656	SANITARY FOOD CONTAINERS	PSC	430	Pulp, paper and paperboard
2657	FOLDING PAPERBOARD BOXES	PSC	430	Pulp, paper and paperboard
2661		SIC	26	Paper & Allied Products
2671	COATED & LAMINATED PACKAGING	PSC	430	Pulp, paper and paperboard
2672	COATED & LAMINATED, NEC	PSC	430	Pulp, paper and paperboard
2673	BAGS, PLASTIC, LAMINA & COATED	SIC	26	Paper & Allied Products
2674	BAGS,UNCOATD PAPER & MULTIWALL	PSC	430	Pulp, paper and paperboard
2675	DIE-CUT PAPER,PAPERBRD/CARDBRD	SIC	26	Paper & Allied Products
2676	SANITARY PAPER PRODUCTS	SIC	26	Paper & Allied Products
2677	ENVELOPES	SIC	26	Paper & Allied Products
2678	STATIONERY, TABLETS & REL PROD	SIC	26	Paper & Allied Products
2679	CONV PAPER & PAPERBRD PRODUCTS	PSC	430	Pulp, paper and paperboard
2711	NEWSPAPERS: PUBLISHING & PRINT	PNC	NA	Printing & Publishing
2721	PERIODICALS: PUBLISHING & PRIN	PNC	NA	Printing & Publishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2731	BOOKS: PUBLISHING & PRINTING	PNC	NA	Printing & Publishing
2732	BOOK PRINTING	PNC	NA	Printing & Publishing
2741	MISCELLANEOUS PUBLISHING	PNC	NA	Printing & Publishing
2752	COMMERCIAL PRINT, LITHOGRAPHIC	PNC	NA	Printing & Publishing
2754	COMMERCIAL PRINTING, GRAVURE	PNC	NA	Printing & Publishing
2759	COMMERCIAL PRINTING, NEC	PNC	NA	Printing & Publishing
2761	MANIFOLD BUSINESS FORMS	PNC	NA	Printing & Publishing
2771	GREETING CARD PUBLISHING	PNC	NA	Printing & Publishing
2782	BLANKBOOKS,LOOSELEAF BINDERS	PNC	NA	Printing & Publishing
2789	BOOKBINDING & RELATED WORK	PNC	NA	Printing & Publishing
2791	TYPESETTING	PNC	NA	Printing & Publishing
2796	PLATEMAKING SERVICES	PSC	433	Metal Finishing
2800		SIC	28	Chemical & Allied Products
2810		SIC	28	Chemical & Allied Products
2812	ALKALIES AND CHLORINE	PSC	415	Inorganic chemicals
2813	INDUSTRIAL GASES	PSC	415	Inorganic chemicals
2816	INORGANIC PIGMENTS	PSC	415	Inorganic chemicals
2819	INDUSTRIAL INORGANIC CHEMICALS	PSC	415	Inorganic chemicals
2821	PLSTC MAT./SYN RESINS/NV ELAST	PSC	414	Organic chemicals, plastics and synthetic fibers
2822	SYN RUBBER (VULCAN ELASTOMERS)	PSC	428	Rubber Manufacturing
2823	CELLULOSIC MAN-MADE FIBERS	PSC	414	Organic chemicals, plastics and synthetic fibers
2824	SYN ORG FIBERS,EXCEPT CELLULOS	PSC	414	Organic chemicals, plastics and synthetic fibers
2831		SIC	28	Chemical & Allied Products
2833	MEDICINAL CHEM/BOTANICAL PRODU	PSC	439	Pharmaceutical manufacturing
2834	PHARMACEUTICAL PREPARATIONS	PSC	439	Pharmaceutical manufacturing

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**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2835	DIAGNOSTIC SUBSTANCES	PSC	439	Pharmaceutical manufacturing
2836	BIOLOGCAL PROD, EXCEPT DIAGNOS	PSC	439	Pharmaceutical manufacturing
2840		SIC	28	Chemical & Allied Products
2841	SOAP/DETERG EXC SPECIAL CLEANR	PSC	417	Soaps and detergents manufacturing
2842	SPECIALTY CLEANING, POLISHING	PSC	414	Organic chemicals, plastics and synthetic fibers
2843	SURF ACTIVE AGENT, FIN AGENTS	PSC	417	Soaps and detergents manufacturing
2844	PERFUMES,COSMETICS,TOILET PREP	PSC	414	Organic chemicals, plastics and synthetic fibers
2851	PAINTS/VARNISH/LACQUERS/ENAMEL	PSC	446	Paint formulating
2861	GUM AND WOOD CHEMICALS	PSC	454	Gum and wood chemicals
2865	CYCLIC CRUDES INTERM., DYES	PSC	414	Organic chemicals, plastics and synthetic fibers
2869	INDUST. ORGANIC CHEMICALS NEC	PSC	414	Organic chemicals, plastics and synthetic fibers
2873	NITROGEN FERTILIZERS	PSC	418	Fertilizer manufacturing
2874	PHOSPHATIC FERTILIZERS	PSC	422	Phosphate manufacturing
2875	FERTILIZERS, MIXING ONLY	PSC	418	Fertilizer manufacturing
2879	PESTICIDES & AGRICULTURAL CHEM	PSC	455	Pesticide chemicals manufacturing
2891	ADHESIVES AND SEALANTS	PSC	414	Organic chemicals, plastics and synthetic fibers
2892	EXPLOSIVES	PSC	457	Explosives
2893	PRINTING INK	PSC	447	Ink formulating
2895	CARBON BLACK	PSC	458	Carbon black manufacturing
2899	CHEMICALS & CHEM PREP, NEC	PSC	414	Organic chemicals, plastics and synthetic fibers
2911	PETROLEUM REFINING	PSC	419	Petroleum refining
2951	PAVING MIXTURES AND BLOCKS	PSC	443	Paving and roofing materials (tars and asphalt)
2952	ASPHALT FELT AND COATINGS	PSC	443	Paving and roofing materials (tars and asphalt)
2992	LUBRICATING OILS AND GREASES	PSC	419	Petroleum refining
2999	PROD OF PETROLEUM & COAL, NEC	PSC	419	Petroleum refining

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3011	TIRES AND INNER TUBES	PSC	428	Rubber Manufacturing
3021	RUBBER AND PLASTICS FOOTWEAR	PSC	428	Rubber Manufacturing
3050		SIC	30	Rubber and miscellaneous plastics products
3052	RUBBER & PLASTICS HOSE & BELT	PSC	428	Rubber Manufacturing
3053	GASKETS, PACKING & SEALING DEV	PSC	428	Rubber Manufacturing
3061	MECHANICAL RUBBER GOODS	PSC	428	Rubber Manufacturing
3069	FABRICATED RUBBER PRODUCTS,NEC	PSC	428	Rubber Manufacturing
3081	UNSUPPORTED PLSTICS FILM/SHEET	PSC	463	Plastic molding and forming
3082	UNSUPPORTED PLASTICS PROF SHAP	PSC	463	Plastic molding and forming
3083	LAMINATED PLASTICS PLATE/SHEET	PSC	463	Plastic molding and forming
3084	PLASTIC PIPE	PSC	463	Plastic molding and forming
3085	PLASTIC BOTTLES	PSC	463	Plastic molding and forming
3086	PLASTICS FOAM PRODUCTS	PSC	463	Plastic molding and forming
3087	CUSTOM COMPOUNDED PURCH. RESIN	PSC	463	Plastic molding and forming
3088	PLASTICS PLUMBING FIXTURES	PSC	463	Plastic molding and forming
3089	PLASTICS PRODUCTS, NEC	PSC	463	Plastic molding and forming
3111	LEATHER TANNING AND FINISHING	PSC	425	Leather tanning and finishing
3131	BOOT & SHOE CUT STOCK & FINDNG	SIC	31	Leather & Leather Products
3142	HOUSE SLIPPERS	SIC	31	Leather & Leather Products
3143	MEN'S FOOTWEAR,EXCEPT ATHLETIC	SIC	31	Leather & Leather Products
3144	WOMEN'S FOOTWEAR,EXCEPT ATHLET	SIC	31	Leather & Leather Products
3149	FOOTWEAR, EXCEPT RUBBER NEC	SIC	31	Leather & Leather Products
3151	LEATHER GLOVES AND MITTENS	SIC	31	Leather & Leather Products
3161	LUGGAGE	SIC	31	Leather & Leather Products
3171	WOMEN'S HANDBAGS AND PURSES	SIC	31	Leather & Leather Products

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3172	PERSONAL LEATHER GOODS,EXC HAN	SIC	31	Leather & Leather Products
3199	LEATHER GOODS NEC	SIC	31	Leather & Leather Products
3211	FLAT GLASS	PSC	426	Glass manufacturing
3221	GLASS CONTAINERS	PSC	426	Glass manufacturing
3229	PRESSED & BLOWN GLASS & GWARE	PSC	426	Glass manufacturing
3231	GLASS PROD MADE OF PURCH. GLAS	PSC	426	Glass manufacturing
3241	CEMENT, HYDRAULIC	PSC	411	Cement manufacturing
3251	BRICK AND STRUCTURAL CLAY TILE	PSC	436	Mineral Mining and Processing
3253	CERAMIC WALL AND FLOOR TILE	PSC	436	Mineral Mining and Processing
3255	CLAY REFRACTORIES	PSC	436	Mineral Mining and Processing
3259	STRUCTURAL CLAY PRODUCTS NEC	PSC	436	Mineral Mining and Processing
3261	VITREOUS CHINA PLUMBING FIXTUR	PSC	436	Mineral Mining and Processing
3262	VIT CHINA TABLE & KTCHN ARTICL	PSC	436	Mineral Mining and Processing
3263	FINE EARTHENWARE	PSC	436	Mineral Mining and Processing
3264	PORCELAIN ELECTRICAL SUPPLIES	PSC	436	Mineral Mining and Processing
3269	POTTERY PRODUCTS, NEC	PSC	436	Mineral Mining and Processing
3270		SIC	32	Stone, Clay, & Glass Products
3271	CONCRETE BLOCK & BRICK	SIC	32	Stone, Clay, & Glass Products
3272	CONCRETE PROD EXC BLCK & BRICK	PSC	411	Cement manufacturing
3273	READY-MIXED CONCRETE	PSC	411	Cement manufacturing
3274	LIME	PSC	436	Mineral Mining and Processing
3275	GYP SUM PRODUCTS	PSC	436	Mineral Mining and Processing
3281	CUT STONE & STONE PRODUCTS	SIC	32	Stone, Clay, & Glass Products
3291	ABRASIVE PRODUCTS	PSC	436	Mineral Mining and Processing
3292	ASBESTOS PRODUCTS	PSC	427	Asbestos manufacturing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3295	MINE & EARTHS, GROUND OR TREAT	PSC	436	Mineral Mining and Processing
3296	MINERAL WOOL	PSC	426	Glass manufacturing
3297	NONCLAY REFRACTORIES	PSC	436	Mineral Mining and Processing
3299	NONMETALLIC MINERAL PROD, NEC	PSC	436	Mineral Mining and Processing
3312	BLAST FURN/STEEL WORKS/ROLLING	PSC	420	Iron and steel manufacturing
3313	ELECTROMETALLURGICAL PRODUCTS	PSC	424	Ferroalloy manufacturing
3315	STEEL WIRE DRAW & STEEL NAILS	PSC	420	Iron and steel manufacturing
3316	COLD ROLLED STEEL SHEET/STRIP	PSC	420	Iron and steel manufacturing
3317	STEEL PIPE AND TUBES	PSC	420	Iron and steel manufacturing
3321	GRAY IRON FOUNDRIES	PSC	464	Metal molding and casting (foundries)
3322	MALLEABLE IRON FOUNDRIES	PSC	464	Metal molding and casting (foundries)
3324	STEEL INVESTMENT FOUNDRIES	PSC	464	Metal molding and casting (foundries)
3325	STEEL FOUNDRIES, NEC	PSC	464	Metal molding and casting (foundries)
3331	PRIMARY SMELTING & COPPER REFIN	PSC	421	Nonferrous metals manufacturing
3334	PRIMARY PRODUCTION OF ALUMINUM	PSC	421	Nonferrous metals manufacturing
3339	PRMRY SMELT/NONFERROUS METALS	PSC	421	Nonferrous metals manufacturing
3341	2NDARY SMELT/NONFERROUS METALS	PSC	421	Nonferrous metals manufacturing
3351	ROLL/DRAW/EXTRUDING OF COPPER	PSC	468	Copper forming
3353	ALUMINUM SHEET, PLATE AND FOIL	PSC	467	Aluminum forming
3354	ALUMINUM EXTRUDED PRODUCTS	PSC	467	Aluminum forming
3355	ALUMINUM ROLLING & DRAWING NEC	PSC	467	Aluminum forming
3356	ROLL, DRAW & EXTRUD NONFERROUS	PSC	471	Nonferrous metals forming and metal powders
3357	DRAW/INSULAT OF NONFERROUS WIR	PSC	467	Aluminum forming
3357	DRAW/INSULAT OF NONFERROUS WIR	PSC	468	Copper forming
3357	DRAW/INSULAT OF NONFERROUS WIR	PSC	471	Nonferrous metals forming and metal powders



**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3363	ALUMINUM DIE CASTING	PSC	467	Aluminum forming
3363	ALUMINUM DIE CASTING	PSC	471	Nonferrous metals forming and metal powders
3364	NONFERROUS DIE CAST, EXC. ALUM	PSC	464	Metal molding and casting (foundries)
3365	ALUMINUM FOUNDRIES	PSC	464	Metal molding and casting (foundries)
3366	COPPER FOUNDRIES	PSC	464	Metal molding and casting (foundries)
3369	NONFERROUS FOUNDRIES, EXC ALUM	PSC	464	Metal molding and casting (foundries)
3398	METAL HEAT TREATING	PSC	433	Metal Finishing
3399	PRIMARY METAL PRODUCTS, NEC	PSC	471	Nonferrous metals forming and metal powders
3411	METAL CANS	PSC	465	Coil coating
3412	METAL BARRELS, DRUMS AND PAILS	PSC	433	Metal Finishing
3421	CUTLERY	PSC	433	Metal Finishing
3423	HAND AND EDGE TOOLS, NEC	PSC	433	Metal Finishing
3425	HAND SAWS AND SAW BLADES	PSC	433	Metal Finishing
3429	HARDWARE, NEC	PSC	433	Metal Finishing
3431	METAL SANITARY WARE	PSC	433	Metal Finishing
3431	METAL SANITARY WARE	PSC	466	Porcelain Enameling
3432	PLUMB FIXTURE FITTINGS & TRIM	PSC	433	Metal Finishing
3433	HEATING EQUIP, EXCEPT ELECTRIC	PSC	433	Metal Finishing
3441	FABRICATED STRUCTURAL METAL	PSC	433	Metal Finishing
3442	METAL DOORS, SASH, AND TRIM	PSC	433	Metal Finishing
3443	FAB PLATE WORK (BOILER SHOPS)	PSC	433	Metal Finishing
3444	SHEET METAL WORK	PSC	433	Metal Finishing
3446	ARCHITECTURAL METAL WORK	PSC	433	Metal Finishing
3448	PREFABRICATED METAL BUILDINGS	PSC	433	Metal Finishing
3449	MISC. STRUCTUAL METAL WORK	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3451	SCREW MACHINE PRODUCTS	PSC	433	Metal Finishing
3452	BOLTS, NUTS, RIVETS & WASHERS	PSC	433	Metal Finishing
3462	IRON AND STEEL FORGINGS	PSC	433	Metal Finishing
3463	NONFERROUS FORGINGS	PSC	467	Aluminum forming
3463	NONFERROUS FORGINGS	PSC	468	Copper forming
3463	NONFERROUS FORGINGS	PSC	471	Nonferrous metals forming and metal powders
3465	AUTOMOTIVE STAMPINGS	PSC	433	Metal Finishing
3466	CROWNS AND CLOSURES	PSC	433	Metal Finishing
3468		PSC	433	Metal Finishing
3469	METAL STAMPINGS, NEC	PSC	433	Metal Finishing
3469	METAL STAMPINGS, NEC	PSC	466	Porcelain Enameling
3471	PLATING AND POLISHING	PSC	413	Electroplating
3479	METAL COATING & ALLIED SERVIC	PSC	433	Metal Finishing
3479	METAL COATING & ALLIED SERVIC	PSC	466	Porcelain Enameling
3482	SMALL ARMS AMMUNITION	PSC	433	Metal Finishing
3482	SMALL ARMS AMMUNITION	PSC	471	Nonferrous metals forming and metal powders
3483	AMMUNIT., EXC. FOR SMALL ARMS	PSC	433	Metal Finishing
3483	AMMUNIT., EXC. FOR SMALL ARMS	PSC	471	Nonferrous metals forming and metal powders
3484	SMALL ARMS	PSC	433	Metal Finishing
3489	ORDNANCE AND ACCESSORIES, NEC	PSC	433	Metal Finishing
3490		SIC	24	Lumber & Wood Products
3491	INDUSTRIAL VALVES	PSC	433	Metal Finishing
3492	FLUID POWER VALVES & HOSE FITT	PSC	433	Metal Finishing
3493	STEEL SPRINGS, EXCEPT WIRE	PSC	433	Metal Finishing
3494	VALVES AND PIPE FITTINGS, NEC	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3495	WIRE SPRINGS	PSC	433	Metal Finishing
3496	MISC. FABRICATED WIRE PRODUCTS	PSC	433	Metal Finishing
3497	METAL FOIL AND LEAF	PSC	433	Metal Finishing
3498	FABRICATED PIPE AND FITTINGS	PSC	433	Metal Finishing
3499	FABRICATED METAL PRODUCTS NEC	PSC	433	Metal Finishing
3511	TURBINES & TURBINE GENERATOR	PSC	433	Metal Finishing
3519	INTERNAL COMBUSTION ENGINES,	PSC	433	Metal Finishing
3523	FARM MACHINERY AND EQUIPMENT	PSC	433	Metal Finishing
3524	LAWN AND GARDEN EQUIPMENT	PSC	433	Metal Finishing
3531	CONSTRUCTION MACHINERY	PSC	433	Metal Finishing
3532	MINING MACHINERY	PSC	433	Metal Finishing
3533	OIL FIELD MACHINERY	PSC	433	Metal Finishing
3534	ELEVATORS AND MOVING STAIRWAYS	PSC	433	Metal Finishing
3535	CONVEYORS & CONVEYING EQUIPMEN	PSC	433	Metal Finishing
3536	CRANES/HOISTS/MONORAIL SYSTEMS	PSC	433	Metal Finishing
3537	INDUSTRIAL TRUCKS AND TRACTORS	PSC	433	Metal Finishing
3541	MACHINE TOOLS, METAL CUTTING	PSC	433	Metal Finishing
3542	MACHINE TOOLS, METAL FORMING	PSC	433	Metal Finishing
3543	INDUSTRIAL PATTERNS	PSC	433	Metal Finishing
3544	SPECIAL DIES/TOOLS/JIGS & FIXT	PSC	433	Metal Finishing
3545	MACHINE TOOL ACCESSORIES	PSC	433	Metal Finishing
3546	POWER DRIVEN HAND TOOLS	PSC	433	Metal Finishing
3547	ROLLING MILL MACHINERY	PSC	433	Metal Finishing
3548	WELDING APPARATUS	PSC	433	Metal Finishing
3549	METALWORKING MACHINERY, NEC	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3552	TEXTILE MACHINERY	PSC	433	Metal Finishing
3553	WOODWORKING MACHINERY	PSC	433	Metal Finishing
3554	PAPER INDUSTRIES MACHINERY	PSC	433	Metal Finishing
3555	PRINTING TRADES MACHINERY	PSC	433	Metal Finishing
3556	FOOD PRODUCTS MACHINERY	PSC	433	Metal Finishing
3559	SPECIAL INDUSTRY MACHINERY,NEC	PSC	433	Metal Finishing
3561	PUMPS AND PUMPING EQUIPMENT	PSC	433	Metal Finishing
3562	BALL AND ROLLER BEARINGS	PSC	433	Metal Finishing
3563	AIR AND GAS COMPRESSORS	PSC	433	Metal Finishing
3564	BLOWER AND FANS	PSC	433	Metal Finishing
3565	PACKAGING MACHINERY	PSC	433	Metal Finishing
3566	SPEED CHANGERS, DRIVES & GEARS	PSC	433	Metal Finishing
3567	INDUSTRIAL FURNACES AND OVENS	PSC	433	Metal Finishing
3568	POWER TRANSMISSION EQUIPMENT	PSC	433	Metal Finishing
3569	GENERAL INDUSTRIAL MACHINERY	PSC	433	Metal Finishing
3571	ELECTRONIC COMPUTERS	PSC	433	Metal Finishing
3572	COMPUTER STORAGE DEVICES	PSC	433	Metal Finishing
3575	COMPUTER TERMINALS	PSC	433	Metal Finishing
3577	COMPUTER PERIPHERAL EQUIP,NEC	PSC	433	Metal Finishing
3578	CALC & ACCOUNTING EQUIPMENT	PSC	433	Metal Finishing
3579	OFFICE MACHINES	PSC	433	Metal Finishing
3581	AUTOMATIC MERCHANDISING MACHIN	PSC	433	Metal Finishing
3582	COMMERCIAL LAUNDRY EQUIPMENT	PSC	433	Metal Finishing
3585	REFRIGERATION & HEATING EQUIP	PSC	433	Metal Finishing
3586	MEASURING & DISPENSING PUMPS	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3589	SERVICE INDUSTRY MACHINERY	PSC	433	Metal Finishing
3592	CARBURETORS,PISTONS,RINGS,VALV	PSC	433	Metal Finishing
3593	FLUID POWER CYLINDERS & ACTUAT	PSC	433	Metal Finishing
3594	FLUID POWER PUMPS AND MOTORS	PSC	433	Metal Finishing
3596	SCALES AND BALANCES, EXC. LAB	PSC	433	Metal Finishing
3599	INDUSTRIAL MACHINERY, NEC	PSC	433	Metal Finishing
3612	TRANSFORMERS	PSC	433	Metal Finishing
3613	SWITCHGEAR & SWITCHBOARD APPAR	PSC	433	Metal Finishing
3621	MOTORS AND GENERATORS	PSC	433	Metal Finishing
3624	CARBON AND GRAPHITE PRODUCTS	PSC	433	Metal Finishing
3625	RELAYS AND INDUSTRIAL CONTROLS	PSC	433	Metal Finishing
3629	ELECTRICAL INDUSTRIAL APPARATS	PSC	433	Metal Finishing
3631	HOUSEHOLD COOKING EQUIPMENT	PSC	433	Metal Finishing
3631	HOUSEHOLD COOKING EQUIPMENT	PSC	466	Porcelain Enameling
3632	HOUSEHOLD REFRIG. & FREEZERS	PSC	433	Metal Finishing
3632	HOUSEHOLD REFRIG. & FREEZERS	PSC	466	Porcelain Enameling
3633	HOUSEHOLD LAUNDRY EQUIPMENT	PSC	433	Metal Finishing
3633	HOUSEHOLD LAUNDRY EQUIPMENT	PSC	466	Porcelain Enameling
3634	ELECTRIC HOUSEWARES AND FANS	PSC	433	Metal Finishing
3635	HOUSEHOLD VACUUM CLEANERS	PSC	433	Metal Finishing
3639	HOUSEHOLD APPLIANCES, NEC	PSC	433	Metal Finishing
3639	HOUSEHOLD APPLIANCES, NEC	PSC	466	Porcelain Enameling
3641	ELECTRIC LAMPS	PSC	433	Metal Finishing
3643	CURRENT-CARRYING WIRING DEVICE	PSC	433	Metal Finishing
3644	NONCURRENT-CARRYING WIRING DEV	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3645	RESIDENTIAL LIGHTING FIXTURES	PSC	433	Metal Finishing
3646	COMMERCIAL LIGHTING FIXTURES	PSC	433	Metal Finishing
3647	VEHICULAR LIGHTING EQUIPMENT	PSC	433	Metal Finishing
3648	LIGHTING EQUIPMENT, NEC	PSC	433	Metal Finishing
3651	RADIO AND TV RECEIVING SETS	PSC	433	Metal Finishing
3652	PHONOGRAPH RECORDS	PSC	433	Metal Finishing
3661	TELEPHONE/TELEGRAPH APPARATUS	PSC	433	Metal Finishing
3663	RADIO & TV COMMUNICATION EQUIP	PSC	433	Metal Finishing
3669	COMMUNICATIONS EQUIPMENT, NEC.	PSC	433	Metal Finishing
3671	ELECTRON TUBES	PSC	469	Electrical and electronic components
3672	PRINTED CIRCUIT BOARD	PSC	433	Metal Finishing
3674	SEMICONDUCTORS & RELATED DEVIC	PSC	469	Electrical and electronic components
3675	ELECTRONIC CAPACITORS	PSC	433	Metal Finishing
3676	RESISTORS FOR ELEC APPLICATION	PSC	433	Metal Finishing
3677	ELEC COILS, TRANSF. & INDUCTOR	PSC	433	Metal Finishing
3678	CONNECTORS FOR ELEC APPLICATIO	PSC	433	Metal Finishing
3679	ELECTRONIC COMPONENTS, NEC	PSC	433	Metal Finishing
3691	STORAGE BATTERIES	PSC	461	Battery manufacturing
3692	PRIMARY BATTERIES, DRY & WET	PSC	461	Battery manufacturing
3694	ELEC EQUIP FOR INT COMBUS ENGI	PSC	433	Metal Finishing
3695	MAG & OPTICAL RECORDING MEDIA	PSC	433	Metal Finishing
3699	ELEC MACHINERY,EQUIP & SUPPLIE	PSC	433	Metal Finishing
3711	MOTOR VEHICLES & CAR BODIES	PSC	433	Metal Finishing
3713	TRUCK & BUS BODIES	PSC	433	Metal Finishing
3714	MOTOR VEHICLE PARTS & ACCESSOR	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3715	TRUCK TRAILERS	PSC	433	Metal Finishing
3716	MOTOR HOMES	PSC	433	Metal Finishing
3721	AIRCRAFT	PSC	433	Metal Finishing
3724	AIRCRAFT ENGINES & ENGINE PART	PSC	433	Metal Finishing
3728	AIRCRAFT PARTS AND EQUIP, NEC	PSC	433	Metal Finishing
3731	SHIP BUILDING AND REPAIRING	PSC	433	Metal Finishing
3732	BOAT BUILDING AND REPAIRING	PSC	433	Metal Finishing
3743	RAILROAD EQUIPMENT	PSC	433	Metal Finishing
3751	MOTORCYCLES, BICYCLES AND PART	PSC	433	Metal Finishing
3761	GUIDED MISSILES & SPACE VEHICL	PSC	433	Metal Finishing
3764	SPACE PROPULSION UNITS & PARTS	PSC	433	Metal Finishing
3769	SPACE VEHICLE EQUIPMENT, NEC	PSC	433	Metal Finishing
3792	TRAVEL TRAILERS AND CAMPERS	PSC	433	Metal Finishing
3795	TANKS AND TANK COMPONENTS	PSC	433	Metal Finishing
3799	TRANSPORTATION EQUIPMENT, NEC	PSC	433	Metal Finishing
3812	SEARCH & NAVIGATION EQUIPMENT	PSC	433	Metal Finishing
3821	LAB APPARATUS & FURNITURE	PSC	433	Metal Finishing
3822	ENVIRONMENTAL CONTROLS	PSC	433	Metal Finishing
3823	PROCESS CONTROL INSTRUMENTS	PSC	433	Metal Finishing
3824	FLUID METERS & COUNTING DEVICE	PSC	433	Metal Finishing
3825	INSTRUMENTS TO MEASURE ELECTRI	PSC	433	Metal Finishing
3826	ANALYTICAL INSTRUMENTS	PSC	433	Metal Finishing
3827	OPTICAL INSTRUMENTS AND LENSES	PSC	433	Metal Finishing
3829	MEASURING & CONTROLLING DEVICE	PSC	433	Metal Finishing
3841	SURGICAL & MEDICAL INSTRUMENTS	PSC	433	Metal Finishing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
3842	SURGICAL APPLIANCES & SUPPLIES	PSC	433	Metal Finishing
3843	DENTAL EQUIPMENT AND SUPPLIES	PSC	433	Metal Finishing
3844	X-RAY APPARATUS AND TUBES	PSC	433	Metal Finishing
3845	ELECTROMEDICAL EQUIPMENT	PSC	433	Metal Finishing
3851	OPHTHALMIC GOODS	PSC	433	Metal Finishing
3861	PHOTOGRAPHIC EQUIP & SUPPLIES	PSC	433	Metal Finishing
3873	WATCHES, CLOCKS & WATCHCASES	PSC	433	Metal Finishing
3911	JEWELRY, PRECIOUS METAL	PSC	433	Metal Finishing
3914	SILVERWARE AND PLATED WARE	PSC	433	Metal Finishing
3915	JEWELERS' MATERIALS & LAPIDARY	PSC	433	Metal Finishing
3931	MUSICAL INSTRUMENTS	PSC	433	Metal Finishing
3942	DOLLS	SIC	39	Misc. Manuf. Industries
3944	GAMES, TOYS & CHILDREN'S VEHIC	PSC	433	Metal Finishing
3949	SPORTING & ATHLETIC GOODS, NEC	PSC	433	Metal Finishing
3951	PENS & MECHANICAL PENCILS	PSC	433	Metal Finishing
3952	LEAD PENCILS AND ART GOODS	SIC	39	Misc. Manuf. Industries
3953	MARKING DEVICES	PSC	433	Metal Finishing
3955	CARBON PAPER AND INKED RIBBONS	SIC	39	Misc. Manuf. Industries
3961	COSTUME JEWELRY	PSC	433	Metal Finishing
3965	FASTENERS, BUTTONS, NEEDLES	PSC	433	Metal Finishing
3991	BROOMS AND BRUSHES	SIC	39	Misc. Manuf. Industries
3993	SIGNS AND ADVERTISING DISPLAYS	PSC	433	Metal Finishing
3995	BURIAL CASKETS	PSC	433	Metal Finishing
3996	HARD SURFACE FLOOR COVERINGS	PSC	443	Paving and roofing materials (tars and asphalt)
3999	MANUFACTURING INDUSTRIES, NEC	PSC	433	Metal Finishing



**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
4011	RAILROADS, LINE HAUL OPERATING	PSC	433	Metal Finishing
4013	RAILROAD SWITCHING & TERM ESTAB	PSC	433	Metal Finishing
4111	LOCAL AND SUBURBAN TRANSIT	SIC	41	Local & Interurban Passenger Transit
4119	LOCAL PASSENGER TRANSPORTATION	SIC	41	Local & Interurban Passenger Transit
4121	TAXICABS	SIC	41	Local & Interurban Passenger Transit
4131	INTERCITY & RURAL BUS TRANSPOR	SIC	41	Local & Interurban Passenger Transit
4141	LOCAL BUS CHARTER SERVICE	SIC	41	Local & Interurban Passenger Transit
4142	BUS CHARTER SERVICE, EXC LOCAL	SIC	41	Local & Interurban Passenger Transit
4151	SCHOOL BUSES	SIC	41	Local & Interurban Passenger Transit
4173	BUS TERMINAL & SERVICE FACILIT	SIC	41	Local & Interurban Passenger Transit
4212	LOCAL TRUCKING WITHOUT STORAGE	SIC	42	Trucking & Warehousing
4213	TRUCKING, EXCEPT LOCAL	SIC	42	Trucking & Warehousing
4214	LOCAL TRUCKING WITH STORAGE	SIC	42	Trucking & Warehousing
4215	COURIER SERVICES, EXCEPT AIR	SIC	42	Trucking & Warehousing
4221	FARM PROD WAREHOUSING & STORAG	SIC	42	Trucking & Warehousing
4222	REFRIGERTAED WAREHOUSING & STO	SIC	42	Trucking & Warehousing
4225	GENERAL WAREHOUSING & STORAGE	SIC	42	Trucking & Warehousing
4226	SPECIAL WAREHOUSING & STORAGE	SIC	42	Trucking & Warehousing
4231	TRUCKING TERMINAL FACILITIES	SIC	42	Trucking & Warehousing
4311	UNITED STATES POSTAL SERVICE	SIC	43	U.S. Postal Service
4412	DEEP SEA FOREIGN TRANSP OF FRE	SIC	44	Water Transportation
4424	DEEP SEA DOMES TRANSP OF FREIG	SIC	44	Water Transportation
4432	FREIGHT TRANSP ON THE GR LAKES	SIC	44	Water Transportation
4449	WATER TRANSP OF FREIGHT, NEC	SIC	44	Water Transportation
4481	DEEP SEA PAS TRANSP, EXC FERRY	SIC	44	Water Transportation

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
4482	FERRIES	SIC	44	Water Transportation
4489	WATER PASSENGER TRANSPORTATION	SIC	44	Water Transportation
4491	MARINE CARGO HANDLING	PSC	442	Transportation Equipment Cleaning
4492	TOWING AND TUGBOAT SERVICE	SIC	44	Water Transportation
4493	MARINAS	SIC	44	Water Transportation
4499	WATER TRANSPORTATION SERIVCES	PSC	442	Transportation Equipment Cleaning
4512	AIR TRANSPORTATION, SCHEDULED	SIC	45	Transportation by Air
4513	AIR COURIER SERVICES	SIC	45	Transportation by Air
4522	AIR TRANSP, NONSCHEDULED	SIC	45	Transportation by Air
4581	AIRPORTS, FLYING FIELDS & SER	PNC	NA	Airport Deicing
4612	CRUDE PETROLEUM PIPELINES	PSC	419	Petroleum refining
4613	REFINED PETROLEUM PIPELINE	SIC	46	Pipelines, Except Natural Gas
4619	PIPELINES, NEC	SIC	46	Pipelines, Except Natural Gas
4724	TRAVEL AGENCIES	SIC	47	Transportation Services
4725	TOUR OPERATORS	SIC	47	Transportation Services
4729	PASSENGER TRANSP ARRANGEMENT	SIC	47	Transportation Services
4731	FREIGHT TRANSP ARRANGEMENT	SIC	47	Transportation Services
4741	RENTAL OF RAILROAD CARS	PSC	442	Transportation Equipment Cleaning
4783	PACKING AND CRATING	SIC	47	Transportation Services
4785	INSPECTION & FIXED FACILITIE	SIC	47	Transportation Services
4789	TRANSPORTATION SERVICES, NEC	SIC	47	Transportation Services
4812	RADIOTELEPHONE COMMUNICATIONS	SIC	48	Communications
4813	TELEPHONE COM, EXCEPT RADIO	SIC	48	Communications
4822	TELEGRAPH & OTHER COMMUNICATI	SIC	48	Communications
4832	RADIO BROADCASTING, NEC	SIC	48	Communications

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
4833	TELEVISION BROADCASTING	SIC	48	Communications
4841	CABLE & OTHER PAY TV SERVICES	SIC	48	Communications
4899	COMMUNICATION SERVICES, NEC	SIC	48	Communications
4911	ELECTRICAL SERVICES	PSC	423	Steam electric power generation
4922	NATURAL GAS TRANSMISSION	SIC	49	Electric, Gas, & Sanitary Services
4923	NAT GAS TRANSMISSION & DISTRIB	SIC	49	Electric, Gas, & Sanitary Services
4924	NATURAL GAS DISTRIBUTION	SIC	49	Electric, Gas, & Sanitary Services
4925	MIXED,MANUFAC,OR LIQ GAS PROD	PSC	435	Oil & Gas Extraction
4931	ELEC & OTHER SERVICES COMBINED	PSC	423	Steam electric power generation
4932	GAS & OTHER SERVICES COMBINED	SIC	49	Electric, Gas, & Sanitary Services
4939	COMBINATION UTILITIES, NEC	PSC	423	Steam electric power generation
4941	WATER SUPPLY	PNC	NA	Drinking Water Treatment
4952	SEWERAGE SYSTEMS	SIC	4952	Sewerage Systems
4953	REFUSE SYSTEMS	PSC	444	Waste combustors (commercial incinerators combusting hazardous waste)
4953	REFUSE SYSTEMS	PSC	445	Landfills
4959	SANITARY SERVICES, NEC	SIC	4959	Sanitary Services
4961	STEAM & AIR-CONDITIONING SUP	PSC	423	Steam electric power generation
4971	IRRIGATION SYSTEMS	SIC	49	Electric, Gas, & Sanitary Services
5012	AUTOMOBILES AND OTHER VEHICLES	SIC	50	Wholesale Trade- Durable Goods
5013	MOTOR VEHICLE PARTS & NEW SUP	SIC	50	Wholesale Trade- Durable Goods
5014	TIRES AND TUBES	SIC	50	Wholesale Trade- Durable Goods
5015	MOTOR VEHICLE PARTS, USED	SIC	50	Wholesale Trade- Durable Goods
5021	FURNITURE	SIC	50	Wholesale Trade- Durable Goods
5023	HOMEFURNISHINGS	SIC	50	Wholesale Trade- Durable Goods

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5031	LUMBER, PLYWOOD, MILLWORK, & PANEL	SIC	50	Wholesale Trade- Durable Goods
5032	BRICK, STONE & RELATED MATERIALS	PSC	436	Mineral Mining and Processing
5033	ROOFING, SIDING AND INSULATION	SIC	50	Wholesale Trade- Durable Goods
5039	CONSTRUCTION MATERIALS, NEC	SIC	50	Wholesale Trade- Durable Goods
5043	PHOTOGRAPHIC EQUIP & SUPPLIES	SIC	50	Wholesale Trade- Durable Goods
5044	OFFICE EQUIPMENT	SIC	50	Wholesale Trade- Durable Goods
5045	COMPUTERS, PERIPHERALS, & SOFTWARE	SIC	50	Wholesale Trade- Durable Goods
5046	COMMERCIAL EQUIPMENT, NEC	SIC	50	Wholesale Trade- Durable Goods
5047	MEDICAL AND OFFICE EQUIPMENT	SIC	50	Wholesale Trade- Durable Goods
5048	OPHTHALMIC GOODS	SIC	50	Wholesale Trade- Durable Goods
5049	PROFESSIONAL EQUIPMENT, NEC	SIC	50	Wholesale Trade- Durable Goods
5051	METAL SERVICE CENTERS & OFFICE	SIC	50	Wholesale Trade- Durable Goods
5052	COAL & OTHER MINERALS & ORES	SIC	50	Wholesale Trade- Durable Goods
5063	ELECTRICAL APPARATUS AND EQUIP	SIC	50	Wholesale Trade- Durable Goods
5064	ELEC APPLIANCES/TV & RADIO SET	SIC	50	Wholesale Trade- Durable Goods
5065	ELECTRONIC PARTS AND EQUIPMENT	SIC	50	Wholesale Trade- Durable Goods
5072	HARDWARE	SIC	50	Wholesale Trade- Durable Goods
5074	PLUMB & HEAT EQUIP & SUPPLIES	SIC	50	Wholesale Trade- Durable Goods
5075	AIR HEAT & AIR-COND. EQUIP/SUP	SIC	50	Wholesale Trade- Durable Goods
5078	REFRIGERATION EQUIP & SUPPLIES	SIC	50	Wholesale Trade- Durable Goods
5082	CONST & MINING MACHINE & EQUIP	SIC	50	Wholesale Trade- Durable Goods
5083	FARM & GARDEN MACHINE & EQUIP	SIC	50	Wholesale Trade- Durable Goods
5084	INDUSTRIAL MACHINERY AND EQUIP	SIC	50	Wholesale Trade- Durable Goods
5085	INDUSTRIAL SUPPLIES	SIC	50	Wholesale Trade- Durable Goods
5087	SERVICE ESTABLISH EQUIP & SUPP	SIC	50	Wholesale Trade- Durable Goods

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5088	TRANS EQUIP & SUPP, EXC MOTOR	SIC	50	Wholesale Trade- Durable Goods
5091	SPORTING & RECREATIONAL GOODS	SIC	50	Wholesale Trade- Durable Goods
5092	TOYS & HOBBY GOODS & SUPPLIES	SIC	50	Wholesale Trade- Durable Goods
5093	SCRAP & WASTE MATERIALS	SIC	50	Wholesale Trade- Durable Goods
5094	JEWELRY, WATCHES, PRECIOUS STO	SIC	50	Wholesale Trade- Durable Goods
5099	DURABLE GOODS, NEC	SIC	50	Wholesale Trade- Durable Goods
5111	PRINTING AND WRITING PAPER	SIC	51	Wholesale Trade- Nondurable Goods
5112	STATIONERY AND OFFICE SUPPLIES	SIC	51	Wholesale Trade- Nondurable Goods
5113	INDUST & PERSONAL PAPER SERVIC	SIC	51	Wholesale Trade- Nondurable Goods
5122	DRUGS, DRUG PRPPRIE & SUNDRIES	SIC	51	Wholesale Trade- Nondurable Goods
5131	PIECE GOODS AND NOTIONS	SIC	51	Wholesale Trade- Nondurable Goods
5136	MALE'S CLOTHING & FURNISHINGS	SIC	51	Wholesale Trade- Nondurable Goods
5137	WOMEN'S, CHILD & INF CLOTHING	SIC	51	Wholesale Trade- Nondurable Goods
5139	FOOTWEAR	SIC	51	Wholesale Trade- Nondurable Goods
5141	GROCERIES, GENERAL LINE	SIC	51	Wholesale Trade- Nondurable Goods
5142	PACKAGED FROZEN FOODS	SIC	51	Wholesale Trade- Nondurable Goods
5143	DAIRY PROD, EXC DRIED & CANNED	SIC	51	Wholesale Trade- Nondurable Goods
5144	POULTRY AND POULTRY PRODUCTS	PNC	NA	Miscellaneous Foods and Beverages
5145	CONFECTIONERY	SIC	51	Wholesale Trade- Nondurable Goods
5146	FISH AND SEAFOODS	SIC	51	Wholesale Trade- Nondurable Goods
5147	MEATS AND MEAT PRODUCTS	SIC	51	Wholesale Trade- Nondurable Goods
5148	FRESH FRUITS AND VEGETABLES	SIC	51	Wholesale Trade- Nondurable Goods
5149	GROCERIES & RELATED PRODUCTS	SIC	51	Wholesale Trade- Nondurable Goods
5153	GRAIN AND FIELD BEANS	SIC	51	Wholesale Trade- Nondurable Goods
5154	LIVESTOCK	SIC	51	Wholesale Trade- Nondurable Goods

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5159	FARM-PRODUCT RAW MATERIALS	PSC	406	Grain mills manufacturing
5162	PLASTIC MATER & BASIC SHAPES	SIC	51	Wholesale Trade- Nondurable Goods
5169	CHEMICALS AND ALLIED PRODUCTS	PSC	414	Organic chemicals, plastics and synthetic fibers
5171	PETROLEUM BULK STATIONS & TERM	PSC	419	Petroleum refining
5172	PETROL & PET PROD WHOLESALERS	SIC	51	Wholesale Trade- Nondurable Goods
5181	BEER AND ALE	SIC	51	Wholesale Trade- Nondurable Goods
5182	WINE & DIST ALCOHOLIC BEVERAGE	PNC	NA	Miscellaneous Foods and Beverages
5191	FARM SUPPLIES	SIC	51	Wholesale Trade- Nondurable Goods
5192	BOOKS, PERIODICALS & NEWSPAPER	SIC	51	Wholesale Trade- Nondurable Goods
5193	FLOWERS AND FLORISTS' SUPPLIES	SIC	51	Wholesale Trade- Nondurable Goods
5194	TOBACCO AND TOBACCO PRODUCTS	SIC	51	Wholesale Trade- Nondurable Goods
5198	PAINTS, VARNISHES AND SUPPLIES	SIC	51	Wholesale Trade- Nondurable Goods
5199	NONDURABLE GOODS, NEC	SIC	51	Wholesale Trade- Nondurable Goods
5211	LUMBER & BUILD MATERIAL DEALER	SIC	52	Building Materials& Gardening Supplies
5231	PAINT, GLASS & WALLPAPER STORE	SIC	52	Building Materials& Gardening Supplies
5251	HARDWARE STORES	SIC	52	Building Materials& Gardening Supplies
5261	RET NURSERIES,LAWN/GARDN STORE	SIC	52	Building Materials& Gardening Supplies
5271	MOBILE HOME DEALERS	SIC	52	Building Materials& Gardening Supplies
5311	DEPARTMENT STORES	SIC	53	General Merchandise Stores
5331	VARIETY STORES	SIC	53	General Merchandise Stores
5399	MISCELLANEOUS GENERAL STORES	SIC	53	General Merchandise Stores
5411	GROCERY STORES	SIC	54	Food Stores
5421	MEAT AND FISH MARKETS	SIC	54	Food Stores
5431	FRUIT AND VEGETABLE MARKETS	SIC	54	Food Stores
5441	CANDY, NUT & CONFECTION STORES	SIC	54	Food Stores

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5451	DAIRY PRODUCTS STORES	SIC	54	Food Stores
5461	RETAIL BAKERIES	SIC	54	Food Stores
5499	MISCELLANEOUS FOOD STORES	SIC	54	Food Stores
5511	MOTOR VEH. DEALERS (NEW/USED)	SIC	55	Automotive Dealers & Service Stations
5521	MOTOR VEH. DEALERS (USED ONLY)	SIC	55	Automotive Dealers & Service Stations
5531	AUTO AND HOME SUPPLY STORES	SIC	55	Automotive Dealers & Service Stations
5541	GASOLINE SERVICE STATIONS	SIC	55	Automotive Dealers & Service Stations
5551	BOAT DEALERS	SIC	55	Automotive Dealers & Service Stations
5561	RECREATIONAL VEHICLE DEALERS	SIC	55	Automotive Dealers & Service Stations
5571	MOTORCYCLE DEALERS	SIC	55	Automotive Dealers & Service Stations
5599	AUTOMOTIVE DEALERS, NEC	SIC	55	Automotive Dealers & Service Stations
5611	MALE'S CLOTHING & ACCESS STORE	SIC	56	Apparel & Accessory Stores
5621	WOMEN'S CLOTHING STORES	SIC	56	Apparel & Accessory Stores
5632	WOMEN'S ACCESS & SPEC STORES	SIC	56	Apparel & Accessory Stores
5641	CHILDREN'S & INF WEAR STORES	SIC	56	Apparel & Accessory Stores
5651	FAMILY CLOTHING STORES	SIC	56	Apparel & Accessory Stores
5661	SHOE STORES	SIC	56	Apparel & Accessory Stores
5699	MISC APPAREL & ACCESS STORES	SIC	56	Apparel & Accessory Stores
5712	FURNITURE STORES	SIC	57	Furniture & Homefurnishings Stores
5713	FLOOR COVERING STORES	SIC	57	Furniture & Homefurnishings Stores
5714	DRAPE, CURTAIN & UPHOL STORES	SIC	57	Furniture & Homefurnishings Stores
5719	MISC HOMEFURNISHINGS STORES	SIC	57	Furniture & Homefurnishings Stores
5722	HOUSEHOLD APPLIANCE STORES	SIC	57	Furniture & Homefurnishings Stores
5731	RADIO, TV & ELECTRONICS STORES	SIC	57	Furniture & Homefurnishings Stores
5734	COMPUTER AND SOFTWARE STORES	SIC	57	Furniture & Homefurnishings Stores

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5735	RECORD & PRERECORDED TAPE STOR	SIC	57	Furniture & Homefurnishings Stores
5736	MUSICAL INSTRUMENT STORES	SIC	57	Furniture & Homefurnishings Stores
5812	EATING PLACES	PNC	NA	Food Service Establishments
5813	DRINKING PLACES (ALCOHOLIC BEV	SIC	58	Eating & Drinking Places
5912	DRUG STORES & PROPRIETARY STOR	SIC	59	Miscellaneous Retail
5921	LIQUOR STORES	SIC	59	Miscellaneous Retail
5932	USED MERCHANDISE STORES	SIC	59	Miscellaneous Retail
5941	SPORTING GOODS/BICYCLE STORES	SIC	59	Miscellaneous Retail
5942	BOOK STORES	SIC	59	Miscellaneous Retail
5943	STATIONERY STORES	SIC	59	Miscellaneous Retail
5944	JEWELERY STORES	SIC	59	Miscellaneous Retail
5945	HOBBY, TOY AND GAME SHOPS	SIC	59	Miscellaneous Retail
5946	CAMERA & PHOTO SUPPLY STORES	SIC	59	Miscellaneous Retail
5947	GIFT, NOVELTY & SOUVENIR SHOPS	SIC	59	Miscellaneous Retail
5948	LUGGAGE & LEATHER GOODS STORES	SIC	59	Miscellaneous Retail
5949	SEW/NEEDLEWK/PIECE GOODS STORE	SIC	59	Miscellaneous Retail
5961	CATALOG AND MAIL-ORDER HOUSES	SIC	59	Miscellaneous Retail
5962	AUTO MERCHANDIS MACHINE OPERAT	SIC	59	Miscellaneous Retail
5963	DIRECT SELLING ESTABLISHMENTS	SIC	59	Miscellaneous Retail
5983	FUEL OIL DEALERS	SIC	59	Miscellaneous Retail
5984	LIQ PETROL GAS (BOT GAS) DEALR	SIC	59	Miscellaneous Retail
5989	FUEL DEALERS, NEC	SIC	59	Miscellaneous Retail
5992	FLORISTS	SIC	59	Miscellaneous Retail
5993	TOBACCO STORES AND STANDS	SIC	59	Miscellaneous Retail
5994	NEWS DEALERS AND NEWSSTANDS	SIC	59	Miscellaneous Retail



**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
5995	OPTICAL GOODS STORES	SIC	59	Miscellaneous Retail
5999	MISCELLANEOUS RETAIL STORES	SIC	59	Miscellaneous Retail
6011	FEDERAL RESERVE BANKS	SIC	60	Depository Institutions
6019	CENTRAL RESERVE REPOSITORY	SIC	60	Depository Institutions
6021	NATIONAL COMMERCIAL BANKS	SIC	60	Depository Institutions
6022	STATE COMMERCIAL BANKS	SIC	60	Depository Institutions
6029	COMMERCIAL BANKS, NEC	SIC	60	Depository Institutions
6035	FEDERAL SAVINGS INSTITUTIONS	SIC	60	Depository Institutions
6036	SAVINGS INSTITUTIONS, EXC FED	SIC	60	Depository Institutions
6061	FEDERAL CREDIT UNIONS	SIC	60	Depository Institutions
6062	STATE CREDIT UNIONS	SIC	60	Depository Institutions
6081	FOREIGN BANK & BRANCHES & AGEN	SIC	60	Depository Institutions
6082	FOREIGN TRADE & INTERNAT BANKS	SIC	60	Depository Institutions
6091	NONDEPOSIT TRUST FACILTIES	SIC	60	Depository Institutions
6099	FUNCT RELATED TO DEP BANKING	SIC	60	Depository Institutions
6111	FEDERAL & FED-SPONSORED CREDIT	SIC	61	Nondepository Institutions
6141	PERSONAL CREDIT INSTITUTIONS	SIC	61	Nondepository Institutions
6153	SHORT-TERM BUS. CREDIT INSTITU	SIC	61	Nondepository Institutions
6159	MISC BUSINESS CREDIT INSTITUTI	SIC	61	Nondepository Institutions
6162	MORTG BANKERS & LOAN CORRESPON	SIC	61	Nondepository Institutions
6163	LOAN BROKERS	SIC	61	Nondepository Institutions
6211	SEC BROKERS/DEALERS/FLOTAT. CO	SIC	62	Security & Commodity Brokers
6221	COMMODITY CONTR BROKERS & DEAL	SIC	62	Security & Commodity Brokers
6231	SECURITY & COMMODITY EXCHANGES	SIC	62	Security & Commodity Brokers
6282	INVESTMENT ADVICE	SIC	62	Security & Commodity Brokers

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
6289	SECURITY & COMMODITY SERVICES	SIC	62	Security & Commodity Brokers
6311	LIFE INSURANCE	SIC	63	Insurance Carriers
6321	ACCIDENT AND HEALTH INSURANCE	SIC	63	Insurance Carriers
6324	HOSPITAL & MEDICAL SERV PLANS	SIC	63	Insurance Carriers
6331	FIRE, MARINE & CASUALTY INSUR	SIC	63	Insurance Carriers
6351	SURETY INSURANCE	SIC	63	Insurance Carriers
6361	TITLE INSURANCE	SIC	63	Insurance Carriers
6371	PENSION, HEALTH & WELFARE FUND	SIC	63	Insurance Carriers
6399	INSURANCE CARRIERS, NEC	SIC	63	Insurance Carriers
6411	INSUR AGENTS, BROKERS, & SERVI	SIC	64	Insurance Agents, Brokers, & Service
6512	OPER OF NONRESIDENTIAL BLDGS	SIC	65	Real Estate
6513	OPERATORS OF APART BUILDINGS	SIC	65	Real Estate
6514	OPER OF DWELL OTHER THAN APART	SIC	65	Real Estate
6515	OPER OF RES MOBILE HOME SITES	SIC	65	Real Estate
6517	LESSORS OF RAILROAD PROPERTIES	SIC	65	Real Estate
6519	LESSORS OF REAL PROPERTY, NEC	SIC	65	Real Estate
6531	REAL ESTATE AGENTS & MANAGERS	SIC	65	Real Estate
6541	TITLE ABSTRACT OFFICES	SIC	65	Real Estate
6552	LAND SUBDIVIDERS & DEV, EX CEM	SIC	65	Real Estate
6553	CEMETERY SUBDIVIDERS & DEVELOP	SIC	65	Real Estate
6712	BANK HOLDING COMPANIES	SIC	67	Holding & Other Investment Offices
6719	HOLDING COMPANIES, NEC	SIC	67	Holding & Other Investment Offices
6722	MGMT INVEST. OFFICES, OPEN END	SIC	67	Holding & Other Investment Offices
6726	INVESTMENT OFFICES, NEC	SIC	67	Holding & Other Investment Offices
6732	EDUCAT.,RELIG & CHARITY TRUSTS	SIC	67	Holding & Other Investment Offices

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
6733	TRUSTS,EXC EDUCAT,RELIG & CHAR	SIC	67	Holding & Other Investment Offices
6792	OIL ROYALTY TRADERS	SIC	67	Holding & Other Investment Offices
6794	PATENT OWNERS AND LESSORS	SIC	67	Holding & Other Investment Offices
6798	REAL ESTATE INVESTMENT TRUSTS	SIC	67	Holding & Other Investment Offices
6799	INVESTORS, NEC	SIC	67	Holding & Other Investment Offices
7011	HOTELS AND MOTELS	SIC	70	Hotels & Other Lodging Places
7021	ROOMING AND BOARDING HOUSES	SIC	70	Hotels & Other Lodging Places
7032	SPORTING & RECREATIONAL CAMPS	SIC	70	Hotels & Other Lodging Places
7033	REC VEHICLE PARKS & CAMPSITES	SIC	70	Hotels & Other Lodging Places
7041	ORG. HOTEL & LODG HSE, ON MEMB	SIC	70	Hotels & Other Lodging Places
7211	POWER LAUNDRIES, RES & COMMERC	SIC	72	Personal Services- SIC 72
7212	GARM PRESSING/LAUNDRIES/DRYCLE	SIC	72	Personal Services- SIC 72
7213	LINEN SUPPLY	SIC	72	Personal Services- SIC 72
7215	COIN-OPERATED LAUNDRIES/DRYCLE	SIC	72	Personal Services- SIC 72
7216	DRYCLEAN PLANTS, EXC RUG CLEAN	SIC	72	Personal Services- SIC 72
7217	CARPET & UPHOLSTERY CLEANING	SIC	72	Personal Services- SIC 72
7218	INDUSTRIAL LAUNDERERS	PNC	NA	Industrial Laundries
7219	LAUNDRY & GARMENT SERVICES,NEC	SIC	72	Personal Services- SIC 72
7221	PHOTOGRAPHIC STUDIOS, POTRAIT	PNC	NA	Photo Processing
7221	PHOTOGRAPHIC STUDIOS, POTRAIT	PSC	459	Photographic
7231	BEAUTY SHOPS	SIC	72	Personal Services- SIC 72
7241	BARBER SHOPS	SIC	72	Personal Services- SIC 72
7251	SHOE REP SHOPS & SHOESHINE PAR	SIC	72	Personal Services- SIC 72
7261	FUNERAL SERVICES & CREMATORIES	SIC	72	Personal Services- SIC 72
7291	TAX AND PREPARATION SERVICES	SIC	72	Personal Services- SIC 72

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
7299	MISCELLANEOUS PERSONAL SERVICE	SIC	72	Personal Services- SIC 72
7311	ADVERTISING AGENCIES	SIC	73	Business Services
7312	OUTDOOR ADVERTISING AGENCIES	SIC	73	Business Services
7313	RADIO, TV & PUBLISHERS AD REPS	SIC	73	Business Services
7319	ADVERTISING, NEC	SIC	73	Business Services
7322	ADJUSTMENT & COLLECT SERVICES	SIC	73	Business Services
7323	CREDIT REPORTING SERVICES	SIC	73	Business Services
7331	DIRECT MAIL ADVERTIS SERVICES	SIC	73	Business Services
7334	PHOTOCOPYING/DUPLICATING SERV	SIC	73	Business Services
7335	COMMERCIAL PHOTOGRAPHY	PNC	NA	Photo Processing
7335	COMMERCIAL PHOTOGRAPHY	PSC	459	Photographic
7336	COMM ART & GRAPHIC DESIGN	PNC	NA	Photo Processing
7336	COMM ART & GRAPHIC DESIGN	PSC	459	Photographic
7338	SECRETARIAL & COURT REPORTING	SIC	73	Business Services
7342	DISINFECTING & EXTERMINAT SERV	SIC	73	Business Services
7349	BUILDING MAINTNENANCE SERVICE	SIC	73	Business Services
7352	MEDICAL EQUIPMENT RENTAL	SIC	73	Business Services
7353	HEAVY CONSTRUCTON EQUIP RENTAL	SIC	73	Business Services
7359	EQUIPMENT RENTAL AND LEASING,	SIC	73	Business Services
7361	EMPLOYMENT AGENCIES	SIC	73	Business Services
7363	HELP SUPPLY SERVICES	SIC	73	Business Services
7371	CUSTOM COMPUTER PROG SERVICES	SIC	73	Business Services
7372	PREPACKAGED SOFTWARE	SIC	73	Business Services
7373	COMPUTER INTEGRATED SYS DESIGN	SIC	73	Business Services
7374	DATA PROCESSING & PREPARATION	SIC	73	Business Services

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
7375	INFORMATION RETRIEVAL SERVICES	SIC	73	Business Services
7376	COMPUTER FACILITIES MANAGEMENT	SIC	73	Business Services
7377	COMPUTER RENTAL AND LEASING	SIC	73	Business Services
7378	COMPUTER MAINTENANCE & REPAIR	SIC	73	Business Services
7379	COMPUTER RELATED SERVICES, NEC	SIC	73	Business Services
7381	DETECTIVE & ARMORED CAR SERVIC	SIC	73	Business Services
7382	SECURITY SYSTEMS SERVICES	SIC	73	Business Services
7383	NEWS SYNDICATES	SIC	73	Business Services
7384	PHOTOFINISHING LABORATORIES	PNC	NA	Photo Processing
7384	PHOTOFINISHING LABORATORIES	PSC	459	Photographic
7389	BUSINESS SERVICES, NEC	SIC	73	Business Services
7513	TRUCK RENT & LEASE, NO DRIVERS	SIC	75	Auto Repair, Services, & Parking
7514	PASSENGER CAR RENTAL	SIC	75	Auto Repair, Services, & Parking
7515	PASSENGER CAR LEASING	SIC	75	Auto Repair, Services, & Parking
7519	UTILITY TRAILER & RV RENTAL	SIC	75	Auto Repair, Services, & Parking
7521	AUTOMOBILE PARKING	SIC	75	Auto Repair, Services, & Parking
7532	TOP & BODY REPAIR & PAINT SHOP	SIC	75	Auto Repair, Services, & Parking
7533	AUTO EXHAUST SYSTEM REP SHOPS	SIC	75	Auto Repair, Services, & Parking
7534	TIRE RETREADING & REPAIR SHOPS	SIC	75	Auto Repair, Services, & Parking
7536	AUTO GLASS REPLACEMENT SHOPS	SIC	75	Auto Repair, Services, & Parking
7537	AUTO TRANSMISSION REPAIR SHOPS	SIC	75	Auto Repair, Services, & Parking
7538	GENERAL AUTO REPAIR SHOPS	SIC	75	Auto Repair, Services, & Parking
7539	AUTOMOTIVE REPAIR SHOPS, NEC	SIC	75	Auto Repair, Services, & Parking
7542	CAR WASHES	SIC	75	Auto Repair, Services, & Parking
7549	AUTO SERV, EXC REP & CARWASHES	SIC	75	Auto Repair, Services, & Parking

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
7622	RADIO & TELEVISION REPAIR SHOP	SIC	76	Miscellaneous Repair Services
7623	REFRIG & AC SERV & REP SHOPS	SIC	76	Miscellaneous Repair Services
7629	ELEC & ELECTRONIC REPAIR SHOPS	SIC	76	Miscellaneous Repair Services
7631	WATCH, CLOCK & JEWELRY REPAIR	SIC	76	Miscellaneous Repair Services
7641	REUPHOLSTERY & FURNITURE REP	SIC	76	Miscellaneous Repair Services
7692	WELDING REPAIR	PSC	433	Metal Finishing
7694	ARMATURE REWINDING SHOPS	SIC	76	Miscellaneous Repair Services
7699	REPAIR SHOPS & RELATED SERVICE	PSC	442	Transportation Equipment Cleaning
7812	MOTION PICTURE & VIDEO PROD	SIC	78	Motion Pictures
7819	SERV. ALLIED TO MOTION PICTURE	SIC	78	Motion Pictures
7822	MOTION PICTURE & TAPE DISTRIB	SIC	78	Motion Pictures
7829	SERV ALLIED TO MOTION PIC DIST	SIC	78	Motion Pictures
7832	MOTION PIC THEA., EX DRIVE-IN	SIC	78	Motion Pictures
7833	DRIVE-IN MOTION PIC THEATRES	SIC	78	Motion Pictures
7841	VIDEO TAPE RENTAL	SIC	78	Motion Pictures
7911	DANCE STUDIOS, SCHOOLS & HALLS	SIC	79	Amusement & Recreation Services
7922	THEA. PROD (EXC MOTION PICTURE	SIC	79	Amusement & Recreation Services
7929	BANDS, ORCH, ACTORS & ENTERTAI	SIC	79	Amusement & Recreation Services
7933	BOWLING CENTERS	SIC	79	Amusement & Recreation Services
7941	PROF SPORTS CLUBS & PROMOTERS	SIC	79	Amusement & Recreation Services
7948	RACING, INCLUDING TRACK OPERA	SIC	79	Amusement & Recreation Services
7991	PHYSICAL FITNESS FACILITIES	SIC	79	Amusement & Recreation Services
7992	PUBLIC GOLF COURSES	SIC	79	Amusement & Recreation Services
7993	COIN OPERATED AMUSEMENT DEVI	SIC	79	Amusement & Recreation Services
7996	AMUSEMENT PARKS	SIC	79	Amusement & Recreation Services

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
7997	MEMBERSHIP SPORTS & REC CLUBS	SIC	79	Amusement & Recreation Services
7999	AMUSEMENT AND RECREATION, NEC	SIC	79	Amusement & Recreation Services
8011	OFFICES & CLINICS OF MED DOCT	PSC	460	Health Services Industries
8021	OUTPATIENT CARE FACILITIES	PSC	460	Health Services Industries
8031	OFFICES/CLINCS OF DOC OF OSTEO	PSC	460	Health Services Industries
8041	OFFICES & CLINICS OF CHIROPRACT	PSC	460	Health Services Industries
8042	OFFICES & CLINICS OF OPTOMETRI	PSC	460	Health Services Industries
8043	OFFICES & CLINICS OF PODIATRIS	PSC	460	Health Services Industries
8049	OFFICES OF HEALTH PRACTITIONER	PSC	460	Health Services Industries
8051	SKILLED NURSING CARE FACILITIE	PSC	460	Health Services Industries
8052	INTERMEDIATE CARE FACILITIES	PSC	460	Health Services Industries
8059	NURSING AND PERSONAL CARE, NEC	PSC	460	Health Services Industries
8062	GEN. MEDICAL/SURGICAL HOSPITAL	PSC	460	Health Services Industries
8063	PSYCHIATRIC HOSPITALS	PSC	460	Health Services Industries
8069	SPECIALTY HOSPITALS	PSC	460	Health Services Industries
8071	MEDICAL LABORATORIES	PSC	460	Health Services Industries
8072	DENTAL LABORATORIES	PSC	460	Health Services Industries
8082	HOME HEALTH CARE SERVICES	PSC	460	Health Services Industries
8092	KIDNEY DIALYSIS CENTERS	PSC	460	Health Services Industries
8093	SPECIALITY OUTPATIENT CLINICS	PSC	460	Health Services Industries
8099	HEALTH & ALLIED SERVICES, NEC	PSC	460	Health Services Industries
8111	LEGAL SERVICES	SIC	81	Legal Services
8211	ELEMENTARY & SECONDARY SCHOOLS	SIC	82	Educational Services
8221	COLLEGES, UNIV & PROF SCHOOLS	SIC	82	Educational Services
8222	JUNIOR COLLEGES & TECH INSTITU	SIC	82	Educational Services

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
8231	LIBRARIES	SIC	82	Educational Services
8243	DATA PROCESSING SCHOOLS	SIC	82	Educational Services
8244	BUSINESS & SECRETARIAL SCHOOLS	SIC	82	Educational Services
8249	VOCATIONAL SCHOOLS, NEC	SIC	82	Educational Services
8299	SCHOOLS & EDUCATIONAL SERVICES	SIC	82	Educational Services
8322	INDIVIDUAL AND FAMILY SERVICES	SIC	83	Social Services
8331	JOB TRAINING & VOC REHAB SERVI	SIC	83	Social Services
8351	CHILD DAY CARE SERVICES	SIC	83	Social Services
8361	RESIDENTIAL CARE	SIC	83	Social Services
8399	SOCIAL SERVICES, NEC	SIC	83	Social Services
8412	MUSEUMS AND ART GALLERIES	SIC	84	Museums, Botanical, Zoological Gardens
8422	BOTANICAL & ZOOLOGICAL GARDENS	SIC	84	Museums, Botanical, Zoological Gardens
8611	BUSINESS ASSOCIATIONS	SIC	86	Membership Organizations
8621	PROFESSIONAL MEMBERSHIP ORGAN	SIC	86	Membership Organizations
8631	LABOR UNIONS & LABOR ORGANIZA	SIC	86	Membership Organizations
8641	CIVIC, SOCIAL & FRATERNAL ASS.	SIC	86	Membership Organizations
8651	POLITICAL ORGANIZATIONS	SIC	86	Membership Organizations
8661	RELIGIOUS ORGANIZATIONS	SIC	86	Membership Organizations
8699	MEMBERSHIP ORGANIZATIONS, NEC	SIC	86	Membership Organizations
8711	ENGINEERING SERVICES	SIC	87	Engineering & Management Services
8712	ARCHITECTURAL SERVICES	SIC	87	Engineering & Management Services
8713	SURVEYING SERVICES	SIC	87	Engineering & Management Services
8721	ACC., AUDITING & BOOKKEEPING	SIC	87	Engineering & Management Services
8731	COMMERCIAL PHYSICAL RESEARCH	PNC	NA	Independent and Stand Alone Labs
8732	COMMERCIAL NONPHYSICAL RESEAR	SIC	87	Engineering & Management Services

A5-40



**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
8733	NONCOMMERCIAL RESEARCH ORGANI	SIC	87	Engineering & Management Services
8734	COMMERCIAL TESTING LABORATORY	PNC	NA	Independent and Stand Alone Labs
8741	MANAGEMENT SERVICES	SIC	87	Engineering & Management Services
8742	MANAGEMENT CONSULTING SERVICE	SIC	87	Engineering & Management Services
8743	PUBLIC RELATIONS SERVICES	SIC	87	Engineering & Management Services
8744	FACILITIES SUPPORT SERVICES	SIC	87	Engineering & Management Services
8748	BUSINESS CONSULTING, NEC	SIC	87	Engineering & Management Services
8811	PRIVATE HOUSEHOLDS	SIC	88	Private Households
8999	SERVICES, NEC	SIC	89	Services, Not Elsewhere Classified
9111	EXECUTIVE OFFICES	SIC	91	Executive, Legislative, & General
9121	LEGISLATIVE BODIES	SIC	91	Executive, Legislative, & General
9131	EXEC & LEGIS OFFICES COMBINED	SIC	91	Executive, Legislative, & General
9199	GENERAL GOVERNMENT, NEC	SIC	91	Executive, Legislative, & General
9211	COURTS	SIC	92	Justice, Public Order, & Safety
9221	POLICE PROTECTION	SIC	92	Justice, Public Order, & Safety
9222	LEGAL COUNSEL & PROSECUTION	SIC	92	Justice, Public Order, & Safety
9223	CORRECTIONAL INSTITUTIONS	SIC	92	Justice, Public Order, & Safety
9224	FIRE PROTECTION	SIC	92	Justice, Public Order, & Safety
9229	PUBLIC ORDER AND SAFETY, NEC	SIC	92	Justice, Public Order, & Safety
9311	PUBLIC FINANCE	SIC	93	Finance, Taxation, & Monetary Policy
9411	ADMINISTRATION OF EDUCAT PROG	SIC	94	Administration of Human Resources
9431	ADMIN OF PUB HEALTH PROGRAMS	SIC	94	Administration of Human Resources
9441	ADM OF SOCIAL/HUMAN RESOURCE	SIC	94	Administration of Human Resources
9451	ADM OF VET AFFAIRS, EX HEA/INS	SIC	94	Administration of Human Resources
9511	AIR & WATER RES & SOL WSTE MGT	SIC	95	Environmental Quality & Housing

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
9512	LAND, MIN, WILDLIFE/FOREST CON	SIC	95	Environmental Quality & Housing
9531	ADMIN OF HOUSING PROGRAMS	SIC	95	Environmental Quality & Housing
9532	ADM OF URB PLAN/COMM/RURL DEV	SIC	95	Environmental Quality & Housing
9611	ADMIN OF GENERAL ECONOMIC PRO	SIC	96	Administration of Economic Programs
9621	REG & ADMIN OF TRANS PROGRAMS	SIC	96	Administration of Economic Programs
9631	REG & ADM OF COMMS, ELEC, GAS	SIC	96	Administration of Economic Programs
9641	REG OF AGRI MARKETING & COMMOD	SIC	96	Administration of Economic Programs
9651	REG, LIC & INSP OF COMM SECTOR	SIC	96	Administration of Economic Programs
9661	SPACE RESEARCH AND TECHNOLOGY	SIC	96	Administration of Economic Programs
9711	NATIONAL SECURITY	SIC	97	National Security & International Affairs
9721	INTERNATIONAL SECURITY	SIC	97	National Security & International Affairs
9999	NONCLASSIFIABLE ESTABLISHMENTS	SIC	99	Non classifiable Establishments
2048g		PSC	406	Grain mills manufacturing
2048m		PSC	432	Meat and Poultry Products
2048P		PSC	455	Pesticide chemicals manufacturing
2048ph		PSC	439	Pharmaceutical manufacturing
2611-1	PULP MILLS- Phase I	PSC	430	Pulp, paper and paperboard
2611-2	PULP MILLS- Phase II	PSC	430	Pulp, paper and paperboard
2611-3	PULP MILLS- Phase III	PSC	430	Pulp, paper and paperboard
2621-1	PAPER MILLS- Phase I	PSC	430	Pulp, paper and paperboard
2621-2	PAPER MILLS- Phase II	PSC	430	Pulp, paper and paperboard
2621-3	PAPER MILLS- Phase III	PSC	430	Pulp, paper and paperboard
2631-1	PAPERBOARD MILLS- Phase I	PSC	430	Pulp, paper and paperboard
2631-2	PAPERBOARD MILLS- Phase II	PSC	430	Pulp, paper and paperboard
2631-3	PAPERBOARD MILLS- Phase III	PSC	430	Pulp, paper and paperboard

**Table 5-A (Continued)**

<b>SIC Code</b>	<b>SIC Description</b>	<b>Type of Grouping</b>	<b>40 CFR Part or SIC Group</b>	<b>Point Source Category</b>
2819N	INDUSTRIAL INORGANIC CHEMICALS	PSC	421	Nonferrous metals manufacturing
2819Ph	INDUSTRIAL INORGANIC CHEMICALS	PSC	422	Phosphate manufacturing
2821P		PSC	455	Pesticide chemicals manufacturing
2823P		PSC	455	Pesticide chemicals manufacturing
2824P		PSC	455	Pesticide chemicals manufacturing
2834P		PSC	455	Pesticide chemicals manufacturing
2842P		PSC	455	Pesticide chemicals manufacturing
2844P		PSC	455	Pesticide chemicals manufacturing
2865P		PSC	455	Pesticide chemicals manufacturing
2869P		PSC	455	Pesticide chemicals manufacturing
2874F	PHOSPHATIC FERTILIZERS	PSC	418	Fertilizer manufacturing
2891P		PSC	455	Pesticide chemicals manufacturing
2899P		PSC	455	Pesticide chemicals manufacturing
5169P		PSC	455	Pesticide chemicals manufacturing
CWT		PSC	437	Centralized Waste Treaters
MPM		PSC	438	Metal Products and Machinery
VCCA		REV	414.1	Vinyl Chloride and Chlor-Alkali
VCCAP		PSC	455	Pesticide chemicals manufacturing

PNC - Potential New Category.

**Table 5-B. List of 88 MP&M Organic and Conventional Pollutants**

Chemical	CAS No.	Chemical	CAS No.
BOD 5-DAY (CARBONACEOUS)	C003	DIBENZOTHIOPHENE	132650
N,N-DIMETHYLFORMAMIDE	68122	DIPHENYL ETHER	101848
N-DECANE	124185	DIPHENYLAMINE	122394
N-DOCOSANE	629970	HEXANOIC ACID	142621
N-DODECANE	112403	ISOBUTYL ALCOHOL	78831
N-EICOSANE	112958	M-XYLENE	108383
N-HEXACOSANE	630013	METHYL METHACRYLATE	80626
N-HEXADECANE	544763	OIL AND GREASE	
N-NITROSOPIPERIDINE	100754	OIL AND GREASE (AS HEM)	C036
N-OCTACOSANE	630024	ACENAPHTHENE	83329
N-OCTADECANE	593453	1,1,1-TRICHLOROETHANE	71556
N-TETRACOSANE	646311	1,1-DICHLOROETHANE	75343
N-TETRADECANE	629594	CHLOROETHANE	75003
N-TRIACONTANE	638686	ACROLEIN	107028
O+P XYLENE	136777612	4-CHLORO-3-METHYLPHENOL	59507
O-CRESOL	95487	CHLOROFORM	67663
P-CRESOL	106445	1,1-DICHLOROETHENE	75354
P-CYMENE	99876	2,4-DIMETHYLPHENOL	105679
PYRIDINE	110861	2,6-DINITROTOLUENE	606202
STYRENE	100425	ETHYLBENZENE	100414
1,4-DIOXANE	123911	FLUORANTHENE	206440
TRICHLOROFLUOROMETHANE	75694	METHYLENE CHLORIDE	75092
TRIPROPYLENEGLYCOL METHYL ETHER	20324338	ISOPHORONE	78591
M+P XYLENE	179601231	NAPHTHALENE	91203
O-XYLENE	95476	2-NITROPHENOL	88755
1-BROMO-2-CHLOROBENZENE	694804	4-NITROPHENOL	100027
1-BROMO-3-CHLOROBENZENE	108372	2,4-DINITROPHENOL	51285
1-METHYLFLUORENE	1730376	N-NITROSODIMETHYLAMINE	62759
1-METHYLPHENANTHRENE	832699	N-NITROSODIPHENYLAMINE	86306
2-BUTANONE	78933	PHENOL	108952
2-HEXANONE	591786	BIS(2-ETHYLHEXYL) PHTHALATE	117817
2-ISOPROPYLNAPHTHALENE	2027170	BUTYL BENZYL PHTHALATE	85687
2-METHYLNAPHTHALENE	91576	DI-N-BUTYL PHTHALATE	84742
2-PROPANONE	67641	DI-N-OCTYL PHTHALATE	117840

**Table 5-B (Continued)**

<b>Chemical</b>	<b>CAS No.</b>	<b>Chemical</b>	<b>CAS No.</b>
3,6-DIMETHYLPHENANTHRENE	1576676	CHLOROBENZENE	108907
4-METHYL-2-PENTANONE	108101	DIMETHYL PHTHALATE	131113
ACETOPHENONE	98862	ANTHRACENE	120127
ALPHA-TERPINEOL	98555	FLUORENE	86737
ANILINE	62533	PHENANTHRENE	85018
BENZOIC ACID	65850	PYRENE	129000
BENZYL ALCOHOL	100516	TETRACHLOROETHENE	127184
BIPHENYL	92524	TOLUENE	108883
CARBON DISULFIDE	75150	TRICHLOROETHENE	79016
DIBENZOFURAN	132649	TOTAL SUSPENDED SOLIDS	C009

**Table 5-C. List of 48 TRI Chemicals Counted as Releases from MP&M  
(for SIC Codes in Both MP&M and Metal Finishing)**

<b>Chemical</b>	<b>CAS No.</b>	<b>Chemical</b>	<b>CAS No.</b>
4-Nitrophenol	100027	Aniline	62533
Ethylbenzene	100414	N-Nitrosodimethylamine	62759
Styrene	100425	Chloroform	67663
N-Nitrosopiperidine	100754	N,N-Dimethylformamide	68122
2,4-Dimethylphenol	105679	1,1,1-Trichloroethane	71556
p-Xylene	106423	Chloroethane (Ethyl chloride)	75003
p-Cresol	106445	Dichloromethane	75092
Acrolein	107028	Carbon disulfide	75150
Methyl isobutyl ketone	108101	Ethylidene dichloride	75343
m-Xylene	108383	Vinylidene chloride	75354
Toluene	108883	CFC-11	75694
Chlorobenzene	108907	Methyl ethyl ketone	78933
Phenol	108952	Trichloroethylene	79016
Pyridine	110861	Methyl methacrylate	80626
Di(2-ethylhexyl) phthalate (Bis(2-ethylhexyl) phthalate)	117817	Dibutyl phthalate	84742
Anthracene	120127	Phenanthrene	85018
Diphenylamine	122394	N-Nitrosodiphenylamine	86306
1,4-Dioxane	123911	2-Nitrophenol	88755
Tetrachloroethylene (Perchloroethylene)	127184	Naphthalene	91203
Dimethyl phthalate	131113	Biphenyl	92524
Dibenzofuran	132649	o-Xylene	95476
Xylene (mixed isomers)	1330207	o-Cresol	95487
2,4-Dinitrophenol	51285	Acetophenone	98862
2,6-Dinitrotoluene	606202	Polycyclic aromatic compounds	N590

**Table 5-D. List of PCS Parameters Counted as Releases from MP&M in PCSLoads2002  
(for SIC Codes in Both MP&M and Metal Finishing)**

PCS Parameter Code	Parameter Name	CAS
00140	BOD, 5-DAY(20 DEG.C)PER PRODUCTION	
00152	OIL & GREASE PER PRODUCTION	
00181	OXYGEN DEMAND, ULTIMATE	
00310	BOD, 5-DAY (20 DEG. C)	
00311	BOD, 5-DAY DISSOLVED	
00314	BOD, NITROG INHIB 5-DAY (20 DEG. C)	
00319	BOD (ULT. ALL STAGES)	
00321	BOD (ULT. 2ND STAGE)	
00352	BOD 35-DAY (20 DEG. C)	
00530	SOLIDS, TOTAL SUSPENDED	
00550	OIL & GREASE (SOXHLET EXTR.) TOT.	
00552	OIL & GREASE, HEXANE EXTR METHOD	
00556	OIL & GREASE FREON EXTR-GRAV METH	
00560	OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	
03582	OIL & GREASE	
03821	DICHLOROMETHANE	75092
03980	4-ISOPROPYLTOLUENE	99876
32106	CHLOROFORM	67663
32270	CHLOROFORM EXTRACTABLES, TOTAL	67663
34010	TOLUENE	108883
34205	ACENAPHTHENE	83329
34208	ACENAPHTHENE, SED (DRY WEIGHT)	83329
34210	ACROLEIN	107028
34220	ANTHRACENE	120127
34292	BUTYL BENZYL PHTHALATE	85687
34301	CHLOROBENZENE	108907
34311	CHLOROETHANE, TOTAL WEIGHT	75003
34316	CHLOROFORM, DISSOLVED	67663
34341	DIMETHYL PHTHALATE	131113
34371	ETHYL BENZENE	100414
34376	FLUORANTHENE	206440
34381	FLUORENE	86737
34408	ISOPHORONE	78591
34423	DICHLOROMETHANE	75092
34425	DICHLOROMETHANE, SUSPENDED	75092
34433	N-NITROSODIPHENYL- AMINE	86306

**Table 5-D (Continued)**

PCS Parameter Code	Parameter Name	CAS
34438	N-NITROSODIMETHYL- AMINE	62759
34452	PARACHLOROMETA CRESOL	59507
34461	PHENANTHRENE	85018
34469	PYRENE	129000
34475	TETRACHLOROETHYLENE	127184
34481	TOLUENE, DISSOLVED	108883
34485	TRICHLOROETHYLENE, DISSOLVED	79016
34488	TRICHLOROFLUOROMETHANE	75694
34496	1,1-DICHLOROETHANE	75343
34501	VINYLDENE CHLORIDE (1,1-DICHLOROETHENE)	75354
34506	1,1,1-TRICHLOROETHANE	71556
34591	2-NITROPHENOL	88755
34596	DI-N-OCTYL PHTHALATE	117840
34606	2,4-DIMETHYLPHENOL	105679
34616	2,4-DINITROPHENOL	51285
34626	2,6-DINITROTOLUENE	606202
34646	4-NITROPHENOL	100027
34694	PHENOL, SINGLE COMPOUND	108952
34696	NAPHTHALENE	91203
34728	P-XYLENE, TOTAL	106445
37371	ETHYL BENZENE	100414
39100	BIS (2-ETHYLHEXYL) PHTHALATE	117817
39110	DI-N-BUTYL PHTHALATE	84742
39180	TRICHLOROETHYLENE	79016
46312	DIETHYLHEXYL PHTHALATE	117817
70012	4-CHLORO-3-METHYL PHENOL	59507
77033	ISOBUTYL ALCOHOL	78831
77041	CARBON DISULFIDE	75150
77045	PYRIDINE	110861
77089	ANILINE	62533
77103	2-HEXANONE	591786
77110	N,N-DIMETHYLFORMAMIDE	68122
77128	STYRENE, TOTAL	100425
77135	O-XYLENE	95476
77146	P-CRESOL	106445
78111	N,N-DIMETHYL FORMAMIDE	68122
78113	ETHYL BENZENE	100414



**Table 5-D (Continued)**

<b>PCS Parameter Code</b>	<b>Parameter Name</b>	<b>CAS</b>
78132	M-XYLENE	108383
78133	4-METHYL-2-PENTANONE	108101
78356	2-BUTANONE	78933
78389	TETRACHLOROETHENE	127184
78391	TRICHLOROETHENE	79016
78395	2-METHYLPHENOL	95487
78396	4-METHYLPHENOL	106445
78656	NITROSODIPHENYLAMINE	86306
79539	ACETONE IN WASTE	67641
80082	BOD, CARBONACEOUS 05 DAY, 20C	
80087	BOD, CARBONACEOUS 20 DAY, 20C	
80126	BOD, CARBONACEOUS 5 DAY,5 C	
80276	BOD, CARBONACEOUS, 28-DAY (20 DEG.C)	
80279	BOD, 5-DAY CARBONACEOUS / NH3-N	
81302	DIBENZOFURAN	132649
81513	BIPHENYL, TOTAL	92524
81551	XYLENES (MIXED ISOMERS)	1330207
81552	ACETONE	67641
81553	ACETOPHENONE	98862
81595	METHYL ETHYL KETONE	78933
81596	METHYL ISOBUTYL KETONE (MIBK)	108101
81597	METHYL METHACRYLATE	80626
81676	O-CRESOL	95487
81708	STYRENE	100425
81710	M-XYLENE	108383
81711	O-XYLENE	95476
82388	1,4-DIOXANE	123911
85002	BOD-5	
85811	CHLOROETHANE	75003
85814	TETRACHLOROETHYLENE	127184

## **Attachment 6**

### **QUALITY REVIEW**

- Table 6-A - QC Table for PCSLoads2002 queries
- Table 6-B - QC Table for TRIRelases2002 queries

**Table 6-A. Quality Check Table for Queries in PCSLoads2002**

Query Name	Function	QC Task Required	Auditor	Date
Counts 01 - SIC Counts - Group by NPID	This query groups records from PCS 2002 by NPID.	Check query design.	TJ	1/28/2005
Counts 02 - SIC Counts - Count Majors	Counts the number of major NPIDs (MADI=M) in Counts 01.	Check query design.	TJ	1/28/2005
Counts 03 - SIC Counts - Count Minors	Counts the number of non major NPIDs (MADI is Null) in Counts 01.	Check query design.	TJ	1/28/2005
Counts 04 - SIC Counts - Make Table Step 1	Creates the "Count of Facilities by SIC" Table by including all SICs and counts from Counts 03 and matching SICs' counts from Counts 02.	Check final table to see that no SIC codes from Counts 02 or 03 are excluded. Conduct spot check on one or two SIC codes. Also check that special SIC codes such as 2821P are accounted for.	TJ	1/28/2005
Counts 05 - SIC Counts - Make Table Step 2	Appends SIC counts from Counts 03 that are not included in Counts 04 query. (i.e. SIC codes that have counts of majors but no minors)	Check final table to see that no SIC codes from Counts 02 or 03 are excluded. Conduct spot check on one or two SIC codes. Also check that special SIC codes such as 2821P are accounted for.	TJ	1/28/2005
Counts 06 - PSC Counts - Count Majors	Creates the "Count of Facilities by SIC" Table by summing the SIC counts according to the PSC/SIC Crosswalk.	Conduct spot check on one or two PSCs.	TJ	1/28/2005
Toxic Weight 1 Calculate TWPE	Calculates TWPE on the NPID/DSCH/MLOC/PRAM level. This query should be used as the basis for future queries for calculating facility-specific TWPEs.	Check query design. Directional join between tables is necessary to ensure that conventionals and other non-toxics are not lost in the analysis.	TJ	1/28/2005
Ranking- Point Source Category	Sums TWPE for each PSC.	Conduct spot check on one or two PSCs.	TJ	1/28/2005
Ranking- SIC Code	Sums TWPE for each SIC Code.	Conduct spot check on one or two SICs.	TJ	1/28/2005

**Table 6-B. Quality Check Table for Queries in *TRIReleases2002***

Query Name	Description of Query	QC Tasks Required	Auditor	Date	Notes
101- TRI Chemicals by SIC Step 1	This query reports total pound and total TWPE for every chemical reported to TRI. Step 1 adds all the releases for each chemical at the SIC and facility level.	Please check the calculations: sums, counts, etc and proper groupings. Please do a few manual checks (filter the mater list for a particular chemical and add up the TWP's and compare with this query)	C. Itle	11/19/2004	Number of records: 24,284 24,270 when no SIC field because 14 chems have 2 SIC codes for same Facility. This is due to MPM only accounting for direct and not indirect
102- TRI Chemicals by SIC Step 2	This query reports total pound and total TWPE for every chemical reported to TRI as well as number of facilities reporting it. Step 2 adds all the releases for each chemical at the SIC Code level, and counts the number of facilities reporting the chemical.	Please check the calculations: sums, counts, etc and proper groupings. Please do a few manual checks (filter the mater list for a particular chemical and add up the TWP's and compare with this query)	C. Itle	11/19/2004	Number of records: 4319
103- TRI Facility Direct and Indirect Discharges	This query returns the total direct and indirect discharges for every facility and SIC Code.	Please check that this query returns total direct and total indirect discharges for each facility.	C. Itle	11/19/2004	Number of Records: 9356
104- TRI Facility Direct Discharges	This query lists total direct discharges for every TRI facility	Please check the number of records, you can filter query 103 for direct dischargers and compare.	C. Itle	11/19/2004	Number of Records: 3546
105- TRI Facility Indirect Discharges	This query lists total indirect discharges for every TRI facility	Please check the number of records, you can filter query 103 for indirect dischargers and compare.	C. Itle	11/19/2004	Number of Records: 5810

**Table 6-B (Continued)**

Query Name	Description of Query	QC Tasks Required	Auditor	Date	Notes
106- TRI Facility Direct and Indirect Discharges Step 1	This query returns direct discharges of all TRI direct facilities as well as any indirect discharges for those facilities	Please check that this query correctly includes all direct discharges and any possible indirect discharges for those facilities. The number of records should match the number of direct dischargers in 104.	C. Itle	11/19/2004	Number of records: 3546
107- TRI Facility Direct and Indirect Discharges Step 2	This query returns indirect discharges of all TRI indirect facilities as well as any direct discharges for those facilities	Please check that this query correctly includes all indirect discharges and any possible direct discharges for those facilities. The number of records should match the number of indirect dischargers in 105.	C. Itle	11/19/2004	Number of Records: 5810
108- TRI Facility Direct and Indirect Discharges Step 3	This query combines queries 106 and 107 for a complete list of all TRI facilities and their direct and indirect discharges reported side by side	Please run this query and paste into a excel spreadsheet (or run a query) to find the total direct discharges and total indirect discharges from all facilities. Then run a simple query on the master list to find the total direct and indirect discharges in	C. Itle	11/19/2004	Number of records: 8351 The number of records is not just Query 106(3546) + Query 107(5810) because than there would be double entries. There are 1004 faciiliities that report both direct and indirect. $3546+5810-1005 = 8351$
109- Make Point Source Ranking	This query creates the point source caterogy ranking table which ranks all PSCs according to their total TWPE. Creates "Point Source Rankings" table.	Please check that this query correctly returns total discharges for each point source category. It is hard to to manual calculations for categories with high numbers of SIC codes, however you can pick a category with low number of associated SIC codes and	C. Itle	11/19/2004	Number of records: 77

**Table 6-B (Continued)**

Query Name	Description of Query	QC Tasks Required	Auditor	Date	Notes
118- Make SIC Code Rankings	This query creates the SIC code rankings table which ranks all SIC codes according to their total TWPE. Total pounds discharged and total TWPE for each SIC code is reported	Please check the design of this query for ranking of all SIC codes based on total TWPE reported.	C. Itle	11/22/2004	Number of records: 441
119- SIC-Chemical Rankings	This query creates a ranking for reported discharges of each SIC Code.	Please check the design of this query for ranking of all facility-specific chemicals based on TWPE reported.	C. Itle	11/22/2004	Number of records: 5895
120- Counts of Facilities by SIC - Directs1	Queries 120 to 121 count the number of direct, indirect and both facilities for each SIC code. Query 120 creates a grouped list of all direct facilities for each SIC code. This query double counts facilities with multiple SIC Codes (e.g. different SICs for different chemicals)	Please check the design of this query for grouping of all direct facilities.	C. Itle	11/22/2004	Number of records in Query 120: 3546 Number of records in Query 121: 317 3546 ok because of double counting.
121- Counts of Facilities by SIC - Directs2	Query 121 counts the number of direct facilities for each SIC code. This query double counts facilities with multiple SIC Codes (e.g. different SICs for different chemicals)	Please check that this query correctly counts the number of direct facilities for each SIC codes. Please do a few spot checks: filter the master list for a particular SIC code and Code "3" and count the number of facilities.	C. Itle	11/22/2004	Total of count of TRI IDS: 3546
122- Counts of Facilities by SIC - Indirects1	This query creates a grouped list of all indirect facilities for each SIC code.	Please check the design of this query for grouping of all indirect facilities.	C. Itle	11/22/2004	Number of records: 5810
123- Counts of Facilities by SIC - Indirects2	This query counts the number of indirect facilities for each SIC code.	Please check that this query correctly counts the number of indirect facilities for each SIC codes. Please do a few spot checks: filter the master list for a particular SIC code and Code "6" and count the number of facilities.	C. Itle	11/22/2004	Number of records: 378

**Table 6-B (Continued)**

Query Name	Description of Query	QC Tasks Required	Auditor	Date	Notes
124- Counts of Facilities by SIC - Total 1	This query groups all TRI facilities reporting water direct or indirect discharges to TRI. This query double counts facilities with multiple SIC Codes (e.g. different SICs for different chemicals)	Please check the design of this query for grouping of all facilities.	C. Itle	11/22/2004	Number of records: 8351 5810 + 3546 - 1005 = 8351 Ok to have more because of double counting.
125- Counts of Facilities by SIC - Total 2	This query counts the number of TRI facilities that reported direct or indirect discharges for each SIC code	Please check that this query correctly counts the number of all water discharge reporting facilities for each SIC code. You can spot check by filtering the TRI master list for a particular SIC code and counting the number of unique facilities.	C. Itle	11/22/2004	Number of records: 428
126- Counts of Facilities by SIC - All 1	This query groups all TRI facilities for every SIC code. These facilities may or may not have reported water discharges.	Please check that all TRI facilities are correctly included in this query from the Master Facility List.	C. Itle	11/22/2004	Number of records: 24,376 Number of facilities in Master Facility List: 24,376
127- Counts of Facilities by SIC - All 2	This query counts the number of all TRI facilities for each SIC code. These facilities may or may not have reported water discharges	Please check that this query correctly counts the total number of TRI facilities from the TRI Master List	C. Itle	11/22/2004	Number of records: 522
128- Counts of Facilities by SIC step 1	This query combines the direct, indirect and total information from previous queries for each SIC code.	Please check that this query correctly labels direct, indirect and total discharges from the previous queries. Please do a few spot checks for SIC codes using queires 121, 123 and 125.	C. Itle	11/22/2004	Sum of total: 8351 Sum of directs: 3546 Sum of indirects: 5810

**Table 6-B (Continued)**

Query Name	Description of Query	QC Tasks Required	Auditor	Date	Notes
129- Counts of Facilities by SIC - Final	This query calculates the number of facilities reporting both discharges, the number of facilities reporting only direct discharges and the number of facilities reporting only indirect discharges. Creates "Counts of Facilities by SIC" table. This	Please check that this query correctly calculates both (direct+indirect -both=total) and also reports number of "all" discharges and also correctly calculates the number of "only direct" and "only indirect" facilities (only direct=direct-both)	C. Itle	11/22/2004	Sum of directs: 3757 Sum of indirects: 6165 Sum of only directs: 2475 Sum of only indirects: 4689 Sum of both: 1094 Sum of total: 8828 Sum of all: 25543
130- Counts of Facilities by PSC	This query counts the number of facilities for each point source category and returns the number of direct, indirect, both, total and all for each PSC. Creates "Counts of Facilities by PSC" table.	Please check the design of this query for counts of number of facilities for each point source category.	C. Itle	11/22/2004	Spot checks were correct. 139 PSCs, but 4 have no facilities, so only 135 PSCs in Query.