

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Alcoa Center, Pennsylvania

Facility: **Alcoa**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	20		320	288	878
Ethylene glycol	Pine Run	250	20		320	270	860
Copper	Unnamed Tributary Of Pine Run					18	18

City: Aliquippa, Pennsylvania

Facility: **LTV Steel Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,644	5,800	4,500	4,700	2,100	23,744
Chromium compounds	Ohio River	3,395	3,800	2,300	2,500	2,100	14,095
Cyanide compounds	Ohio River	3,249	2,000	2,200	2,200		9,649

City: Allentown, Pennsylvania

Facility: **AT&T**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		9,524	9,640	13,800	23,040	18,210	74,214
Ammonia	Lehigh River		2,470	10,500	20,940	17,650	51,560
Ethylene glycol	Lehigh River		6,900	2,800	1,600	60	11,360
Ethylene glycol	Spring Run (tributary To Lehigh)	7,500					7,500
Glycol ethers	Lehigh River		270	500	500	500	1,770
Ammonia	Spring Run (tributary To Lehigh)	1,770					1,770
Glycol ethers	Spring Run (tributary To Lehigh)	250					250
Trichloroethylene	Spring Run (tributary To Lehigh)	4					4

City: Allentown, Pennsylvania

Facility: **Trimet Technical Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		851	638	1,380	363	12	3,244
Formaldehyde	Jordan Creek	851	638	1,380	363	12	3,244

City: Allentown, Pennsylvania

Facility: **Alpo Retfoods Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Zinc compounds	Lehigh River					250	250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Altoona, Pennsylvania

Facility: **Small Tube Prods. Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	500				1,000
Copper compounds	Juniata River	250	250				500
Nickel compounds	Juniata River	250	250				500

City: Ambridge, Pennsylvania

Facility: **United Coaters**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	5	250	5	5	515
Chromium compounds	Ohio River	250	5	250	5	5	515

City: Atglen, Pennsylvania

Facility: **Quebecor Printing Atglen Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		49	17	11	22	137	236
Zinc compounds	Valley Creek	15	13	9	4	129	170
Toluene	Unnamed Tributary To Valley	20	1				21
Copper compounds	Lower Valley Creek		2	2	8		12
Xylene (mixed isomers)	Unnamed Tributary To Valley	10	1				11
Toluene	Valley Creek	1			5	3	9
Copper compounds	Valley Creek	1				5	6
Xylene (mixed isomers)	Valley Creek				5		5
Cyclohexane	Unnamed Tributary To Valley	2					2

City: Auburn, Pennsylvania

Facility: **Reneer Films**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		341	254	139	75	11	820
Di-(2-ethylhexyl) phthalate	Dry Tributary To Schuylkill River	254	220	128	64		666
Di-(2-ethylhexyl) phthalate	Trout Run	64					64
Cadmium compounds	Trout Run	2	20	2	2	2	28
Cadmium compounds	Dry Tributary To Schuylkill River	8	7	4	4		23
Barium compounds	Dry Tributary To Schuylkill River	6	5	3	3		17
Cadmium compounds	Dry Tributary To Schuylkill River					4	4
Bis(2-ethylhexyl) adipate	Dry Tributary To Schuylkill River	4					4
Lead	Dry Tributary To Schuylkill River	1		1	1		3
Lead	Trout Run			1	1	1	3
Barium compounds	Dry Tributary To Schuylkill River					3	3
Lead	Dry Tributary To Schuylkill River					1	1
Lead compounds	Dry Tributary To Schuylkill River		1				1
Lead compounds	Trout Run		1				1
Bis(2-ethylhexyl) adipate	Trout Run	1					1
Barium compounds	Trout Run	1					1

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Avoca, Pennsylvania

Facility: **Kerr-mcgee Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					48	349	397
Creosote	Mill Creek				48	349	397

City: Beaver, Pennsylvania

Facility: **Cutler Hammer**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,560	500	250	250	250	2,810
Chlorine	Ohio River	1,300	250				1,550
Copper	Ohio River	250	250	250	250	250	1,250
Hydrochloric acid	Ohio River	5					5
1,1,1-Trichloroethane	Ohio River	5					5

City: Beaver Springs, Pennsylvania

Facility: **Beaver Springs Shoe Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		255	250	250	250		1,005
Acetone	Beaver Creek	250	250	250	250		1,000
Toluene	Beaver Creek	5					5

City: Bellefonte, Pennsylvania

Facility: **Cerro Metal Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,250	1,862	260	750	750	4,872
Sulfuric acid	Logan Branch		1,112				1,112
Zinc (fume or dust)	Logan Branch		250	250	250	250	1,000
Lead	Logan Branch		250	5	250	250	755
Zinc compounds	Logan Branch	750					750
Copper	Logan Branch		250	5		250	505
Copper	Long Branch Of Spring Creek				250		250
Copper compounds	Logan Branch	250					250
Lead compounds	Logan Branch	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Bethlehem, Pennsylvania
 Facility: **Bethlehem Steel Structural**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		68,605	50,900	77,750	12,151	3,900	213,306
Ethylene glycol	Lehigh River	43,100	47,400	69,000			159,500
Manganese compounds	Lehigh River	6,000	3,000	8,500	2,000	2,000	21,500
Ammonia	Lehigh River	15,000					15,000
Zinc compounds	Lehigh River	2,400	250		9,000		11,650
Lead compounds	Lehigh River				51	1,900	1,951
Nickel compounds	Lehigh River	1,100	250	250			1,600
Copper compounds	Lehigh River				1,100		1,100
Cyanide compounds	Lehigh River	1,000					1,000
Chromium compounds	Lehigh River	5					5

City: Bethlehem, Pennsylvania
 Facility: **Bethlehem Structural Prods.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,750	12,355	17,640	7,720	10,300	60,765
Ammonia	Lehigh River	12,000	12,000	17,000	7,200	8,600	56,800
Ammonia	Laubach Creek	750	350	640	520	1,700	3,960
Benzene	Lehigh River		5				5

City: Bethlehem, Pennsylvania
 Facility: **Bethforge Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	505	260	755	750	2,770
Manganese compounds	Lehigh River	250	250	250	250	250	1,250
Lead compounds	Lehigh River	250	250	5	5		510
Nickel compounds	Lehigh River		5	5	250	250	510
Zinc compounds	Lehigh River				250	250	500

City: Bloomsburg, Pennsylvania
 Facility: **Heinz Pet Prods.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		640					640
Phosphoric acid	Susquehanna River	640					640

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Boyertown, Pennsylvania

Facility: **Cabot Performance Materials**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		11,942	13,855	48,900	32,091	22,805	129,593
Methanol	West Swamp Creek	250	250	29,900	18,407	16,000	64,807
Ammonia	West Swamp Creek	8,081	10,100	12,000	9,336	1,700	41,217
Methyl isobutyl ketone	West Swamp Creek	3,611	3,500	7,000	4,343	5,100	23,554
Chlorine	West Swamp Creek		5		5	5	15

City: Brackenridge, Pennsylvania

Facility: **Allegheny Ludlum Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,015	1,515	1,015	1,015	1,515	6,075
Nickel compounds	Allegheny River	250	750	250	250	750	2,250
Chromium compounds	Allegheny River	250	250	250	250	250	1,250
Lead compounds	Allegheny River	250	250	250	250	250	1,250
Zinc (fume or dust)	Allegheny River		250	250	250	250	1,000
Zinc compounds	Allegheny River	250					250
Hydrogen fluoride	Allegheny River	5	5	5	5	5	25
Sulfuric acid	Allegheny River	5	5	5	5	5	25
Nitric acid	Allegheny River	5	5	5	5	5	25

City: Braddock, Pennsylvania

Facility: **USS Mon Valley Works**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,100	4,705	2,492	118	4,140	15,555
Ammonia	Monongahela River	4,100	4,700	2,300			11,100
Zinc compounds	Monongahela River			190	110	3,900	4,200
Manganese compounds	Monongahela River					240	240
Cyanide compounds	Monongahela River		5	2	8		15

City: Bradford, Pennsylvania

Facility: **Zippo Mfg. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	1,000	1,000	1,000		3,750
Nickel	East Branch Tunungwant Creek	250	250	250	250		1,000
Chromium	East Branch Tunungwant Creek	250	250	250	250		1,000
Copper	East Branch Tunungwant Creek	250	250	250	250		1,000
Lead	East Branch Tunungwant Creek		250	250	250		750

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Bradford, Pennsylvania

Facility: **Witco Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,200					2,200
Methyl ethyl ketone	Tunungwant Creek	2,200					2,200

City: Bridgeville, Pennsylvania

Facility: **Universal Stainless & Alloy**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		154	1,000	1,005	1,005	781	3,945
Manganese compounds	Chartiers Creek	7	250	250	250	530	1,287
Copper compounds	Chartiers Creek	24	250	250	250	110	884
Nickel compounds	Chartiers Creek	14	250	250	250	110	874
Chromium compounds	Chartiers Creek	72	250	250	250	1	823
Cobalt compounds	Chartiers Creek	37		5	5		47
Molybdenum trioxide	Chartiers Creek					30	30

City: Bridgeville, Pennsylvania

Facility: **Ge Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				243	416	264	923
Lead compounds	Chartiers Creek			140	150	160	450
Cadmium compounds	Chartiers Creek			85	88	95	268
Zinc compounds	Chartiers Creek			8	168	9	185
Antimony compounds	Chartiers Creek			5	5		10
Barium compounds	Chartiers Creek			5	5		10

City: Bristol, Pennsylvania

Facility: **Rohm & Haas Delaware Valley**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		11,055	30,188	7,577	29,105	1,982	79,907
Ammonia	Hog Run Creek	4,380			24,523	198	29,101
Glycol ethers	Hog Run Creek		23,754	750	250	21	24,775
Formaldehyde	Hog Run Creek	250	1,934	2,077	1,282	1,127	6,670
Methanol	Hog Run Creek	2,920			5	12	2,937
Acrylamide	Hog Run Creek	250	750	750	5	12	1,767
Zinc compounds	Hog Run Creek		250	250	750	302	1,552
Acrylonitrile	Hog Run Creek	250	250	250	250	58	1,058
Methyl ethyl ketone	Hog Run Creek	250	250	250	250	12	1,012
Vinyl acetate	Hog Run Creek	250	250	250	250	12	1,012
Ethyl acrylate	Hog Run Creek	250	250	250	250	12	1,012
Butyl acrylate	Hog Run Creek	250	250	250	250	12	1,012
Methyl methacrylate	Hog Run Creek	250	250	250	250	9	1,009
Styrene	Hog Run Creek	250	250	250	250	3	1,003
Dimethyl phthalate	Hog Run Creek		250	250	250	30	780
Methyl acrylate	Hog Run Creek	250	250	250	5	12	767
Xylene (mixed isomers)	Hog Run Creek	250	250	250	5	1	756

Source: Environmental Working Group. Compiled from U.S. Environmental Protection Agency, Toxics Release Inventory 1990-1994.

Page 6 of 53

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Bristol, Pennsylvania

Facility: **Rohm & Haas Delaware Valley**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		11,055	30,188	7,577	29,105	1,982	79,907
Acetone	Hog Run Creek	5	250	250	250		755
Toluene	Hog Run Creek		250	250	5	58	563
Ethylbenzene	Hog Run Creek		250	250	5	6	511
Naphthalene	Hog Run Creek		250	250	5		505
Ethylene glycol	Hog Run Creek			250	5	1	256
Cadmium	Hog Run Creek	250					250
Barium	Hog Run Creek	250					250
Acrylic acid	Hog Run Creek	250					250
Zinc (fume or dust)	Hog Run Creek	250					250
n-Butyl alcohol	Hog Run Creek				5	49	54
sec-Butyl alcohol	Hog Run Creek				5	21	26
Hydroquinone	Hog Run Creek					14	14

City: Burnham, Pennsylvania

Facility: **Standard Steel**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		190	130				320
Manganese compounds	Kishacoquillas Creek	190	130				320

City: Butler, Pennsylvania

Facility: **Armco Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		9,196	6,260	6,545	5,796	5,036	32,833
Manganese	Connoquenessing Creek	1,700	1,700	1,700	1,700	1,700	8,500
Nickel	Connoquenessing Creek	1,700	1,900	2,800	1,300	780	8,480
Molybdenum trioxide	Connoquenessing Creek	970	140	170	970	970	3,220
Chromium	Connoquenessing Creek	220	290	510	450	410	1,880
Chlorine	Sawmill Run	750	250	250	250	250	1,750
Molybdenum trioxide	Sawmill Run	140	970	140	140	140	1,530
Manganese	Sawmill Run	300	300	300	300	300	1,500
Sulfuric acid	Connoquenessing Creek	1,300					1,300
Chlorine	Connoquenessing Creek		250	250	250	250	1,000
Hydrochloric acid	Connoquenessing Creek	930				29	959
Phosphoric acid	Connoquenessing Creek	5	250	250	250		755
Nitric acid	Connoquenessing Creek	620				40	660
Hydrogen fluoride	Connoquenessing Creek	330				8	338
Copper	Connoquenessing Creek	50	50	50	50	50	250
Chromium	Sawmill Run	69	40	32	44	39	224
Nickel	Sawmill Run	37	37	37	35	20	166
Zinc (fume or dust)	Connoquenessing Creek	34	31	33	37	9	144
Copper	Sawmill Run	23	23	23		23	92
Zinc (fume or dust)	Sawmill Run	18	29		20	18	85

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Butler, Pennsylvania

Facility: **Armco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		330	993	550	491	532	2,896
Chromium	Connoquenessing Creek		180	220	310	490	1,200
Nickel	Connoquenessing Creek		330	330	120	42	822
Nitric acid	Connoquenessing Creek		230		29		259
Sulfuric acid	Connoquenessing Creek		180		23		203
Chromium	Sullivan Run	180					180
Nickel	Sullivan Run	150					150
Hydrogen fluoride	Connoquenessing Creek		73		9		82

City: Canonsburg, Pennsylvania

Facility: **Cooper Power Sys.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		49	11	46	147	3	256
Copper	Chartiers Creek	49	11	46	147	3	256

City: Carlisle, Pennsylvania

Facility: **Bedford Shoe Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		255	750	750	500		2,255
Acetone	Conodoguinet Creek	250	250	250	250		1,000
Toluene	Conodoguinet Creek	5	250	250	250		755
Methyl ethyl ketone	Conodoguinet Creek		250	250			500

City: Charleroi, Pennsylvania

Facility: **Corning Consumer Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		92	53	10	10		165
Lead compounds	Monongahela River	54	35	5	5		99
Cadmium compounds	Monongahela River	38	18	5	5		66

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Chester, Pennsylvania

Facility: **North America Silica**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Sulfuric acid	Delaware River	250					250

City: Clairton, Pennsylvania

Facility: **USS Clairton Works**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,086	27,148	26,219	25,214	26,848	109,515
Cyanide compounds	Monongahela River	3,100	27,000	25,000	24,000	23,000	102,100
Phenol	Monongahela River	970	120	1,200	1,200	1,200	4,690
Ammonia	Monongahela River					2,600	2,600
Naphthalene	Monongahela River	8	22	12	8	20	70
Benzene	Monongahela River	8	6	7	6	28	55

City: Clairton, Pennsylvania

Facility: **Aristech Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,056	2,254	2,245	1,044	970	7,569
Phenol	Peters Creek	1,024	2,188	2,200	999	947	7,358
Benzene	Peters Creek	32	66	45	45	23	211

City: Coatesville, Pennsylvania

Facility: **Lukens Steel Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,670	1,649	1,268	773	594	5,954
Zinc (fume or dust)	Brandywine Creek	780	1,100				1,880
Zinc compounds	Brandywine Creek			590	190	330	1,110
Nickel compounds	Brandywine Creek			370	370	120	860
Nickel	Brandywine Creek	140	265				405
Chlorine	Brandywine Creek	400					400
Chromium compounds	Brandywine Creek			133	120	65	318
Manganese	Brandywine Creek	250					250
Copper compounds	Brandywine Creek			89	59	70	218
Lead	Brandywine Creek	40	120				160
Chromium	Brandywine Creek	60	99				159
Lead compounds	Brandywine Creek			86	34	9	129
Copper	Brandywine Creek		65				65

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Columbia, Pennsylvania

Facility: **Grinnell Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		88	60	64	84	492	788
Zinc compounds	Unnamed Tributary To The			62	83	450	595
Zinc compounds	Unnamed Tributary To Shawnee	83	59				142
Lead compounds	Unnamed Tributary To The			2	1	39	42
Methanol	Unnamed Tributary To Shawnee	3					3
Zinc compounds	Susquehanna River					2	2
Lead compounds	Unnamed Tributary To Shawnee	2					2
Lead compounds	Unnamed Tributary To Shawner		1				1
Lead compounds	Susquehanna River					1	1

City: Conshohocken, Pennsylvania

Facility: **Lonza Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		32,800	20,110	15,540	29,000	23,830	121,280
Ethylene glycol	Schuylkill River	29,000	19,000	14,000	24,000	22,000	108,000
Methanol	Schuylkill River	1,300	660	1,300	3,900	430	7,590
Ammonia	Schuylkill River	1,300	250			1,400	2,950
Toluene	Schuylkill River	1,200	200	240			1,640
n-Butyl alcohol	Schuylkill River				1,100		1,100

City: Conshohocken, Pennsylvania

Facility: **Freedom Textile Chemicals Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						250	250
Phosphoric acid	Schuylkill River					250	250

City: Conshohocken, Pennsylvania

Facility: **Lukens Steel Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		16	16	16	21	88	157
Nickel compounds	Schuylkill River					62	62
Chromium compounds	Schuylkill River			16	16	6	38
Chromium	Schuylkill River	16	16				32
Manganese compounds	Schuylkill River				5	20	25

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Cressona, Pennsylvania
 Facility: **Cressona Aluminum Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		100	20	5	2	4	131
Chromium	Schuylkill River	50					50
Manganese	Schuylkill River	50					50
Manganese	West Branch Schuylkill River		15				15
Chromium	West Branch Schuylkill River		5		2	4	11
Chromium	West Branch - Schuylkill River			5			5

City: Curwensville, Pennsylvania
 Facility: **Howes Leather Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		70,989	33,612	28,000	35,000	35,000	202,601
Ammonia	Susquehanna River	59,989	33,612	28,000	35,000	35,000	191,601
Ammonium sulfate (solution)	Susquehanna River	11,000					11,000

City: Delaware Water Gap, Pennsylvania
 Facility: **Rock-tenn Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		36,050	4	620			36,674
Ammonium sulfate (solution)	Broadhead Creek	36,050					36,050
Ammonia	Broadhead Creek		4	620			624

City: Donora, Pennsylvania
 Facility: **Ireco/Dyno Nobel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				160,000	12,600	14,400	187,000
Ammonium nitrate (solution)	Monongahela River			80,000	6,600	7,500	94,100
Ammonia	Monongahela River			80,000	6,000	6,900	92,900

City: Downingtown, Pennsylvania
 Facility: **Sonoco Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	300	215	230	230	1,225
Ammonia	Brandywine Creek	250	150	115	115	230	860
Chlorine	Brandywine Creek		150	100	115		365

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Dravosburg, Pennsylvania

Facility: **USS Mon Valley Works**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,000	810	870	410	1,265	4,355
Zinc compounds	Monongahela River	660	390	570	300	420	2,340
Lead compounds	Monongahela River	340	420	300	110	830	2,000
Nickel compounds	Monongahela River					15	15

City: Du Bois, Pennsylvania

Facility: **Triangle Auto Spring Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			755	500	500	500	2,255
Nickel	Pentz Run		250	250	250	250	1,250
Chromium	Pentz Run		5	250	250	250	1,005

City: Dunmore, Pennsylvania

Facility: **GNB Techs. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			260	410		72	742
Lead compounds	Roaring Brook			400		9	409
Lead compounds	Unknown		250				250
Antimony	Roaring Brook			5		63	68
Antimony compounds	Unknown		5				5
Barium compounds	Unknown		5				5
Barium compounds	Roaring Brook			5			5

City: Duryea, Pennsylvania

Facility: **Schott Glass Techs. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				51	55	49	155
Zinc compounds	Duryea Storm Sewer To			43	47	42	132
Barium compounds	Duryea Storm Sewer To			5	5	5	15
Lead compounds	Duryea Storm Sewer To			3	3	2	8

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: East Greenville, Pennsylvania

Facility: **Brown Printing Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Glycol ethers	Perkiomen Creek					250	250

City: East Stroudsburg, Pennsylvania

Facility: **Cooper Power Sys.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1	990	1,335	250	255	2,831
Sulfuric acid	Unnamed Tributary Of Brodhead		990	1,025			2,015
Zinc compounds	Unnamed Tributary Of Brodhead				250	250	500
Zinc compounds	Unnammed Tributary Of			310			310
Lead	Unnamed Tributary Of Brodhead	1				5	6

City: East Stroudsburg, Pennsylvania

Facility: **Patterson Kelley Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		63	24	5	5	250	347
Copper	Broadhead Creek	63	24	5	5	250	347

City: Easton, Pennsylvania

Facility: **Harcros Pigments Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		94,545	27,088	38,241	32,797	327,628	520,299
Ammonium sulfate (solution)	Bushkill Creek	94,295				327,628	421,923
Ammonia	Bushkill Creek		27,083	37,991	32,797		97,871
Manganese	Bushkill Creek		5	250			255
Manganese compounds	Bushkill Creek	250					250

City: Easton, Pennsylvania

Facility: **Ashland Chemical Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,655	136	108		5	6,904
Ammonia	Lehigh River	6,375					6,375
Ethylene glycol	Lehigh River	250	10				260
Sulfuric acid	Lehigh River		25	29		5	59
Nitric acid	Lehigh River		25	28			53
Hydrogen fluoride	Lehigh River		25	25			50
Hydrochloric acid	Lehigh River		25	19			44
Phosphoric acid	Lehigh River		25	1			26
Xylene (mixed isomers)	Lehigh River	5		6			11
Tetrachloroethylene	Lehigh River	5	1				6
Trichloroethylene	Lehigh River	5					5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Easton, Pennsylvania

Facility: **Ashland Chemical Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,655	136	108		5	6,904
Acetone	Lehigh River	5					5
1,1,1-Trichloroethane	Lehigh River	5					5
Toluene	Lehigh River	5					5

City: Emlenton, Pennsylvania

Facility: **Petrowax PA Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					58,138	4,223	62,361
Methyl ethyl ketone	Allegheny River				47,718	2,338	50,056
Toluene	Allegheny River				10,420	504	10,924
Ammonia	Allegheny River					1,381	1,381

City: Erie, Pennsylvania

Facility: **International Paper Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			8,700	11,470	1,960	7,470	29,600
Chlorine	Lake Erie		8,100	10,000	1,700	7,200	27,000
Chloroform	Lake Erie		600	270	260	270	1,400
Sulfuric acid	Lake Erie			1,200			1,200

City: Erie, Pennsylvania

Facility: **Ge Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		651	352	482	433	359	2,277
Nickel	Lake Erie	240	180	175	260	130	985
Copper	Lake Erie	120	118	163	160	220	781
Sulfuric acid	Lake Erie	250					250
Manganese compounds	Lake Erie			135			135
Chromium	Lake Erie	41	22	9	13	9	94
Cyanide compounds	Unknown		32				32

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Evans City, Pennsylvania

Facility: **Mine Safety Appliances Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	260				760
Manganese compounds	Breakneck Creek	250	250				500
Copper compounds	Breakneck Creek	250	5				255
Glycol ethers	Breakneck Creek		5				5

City: Evansburg, Pennsylvania

Facility: **Superior Tube Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,030	1,285	1,285	1,285	1,010	6,895
Trichloroethylene	French Run	250	250	250	250	250	1,250
Nickel	French Run	250	250	250	250	250	1,250
Chromium	French Run	250	250	250	250	250	1,250
Trichloroethylene	Perkiomen Creek	250	250	250	250	5	1,005
1,1,1-Trichloroethane	Perkiomen Creek	250	250	250	250		1,000
Chromium	Perkiomen Creek	5	5	5	5	250	270
Hydrogen fluoride	French Run	250	5	5	5		265
Nitric acid	Perkiomen Creek	250	5	5	5		265
Copper	Perkiomen Creek	250					250
Nickel	Perkiomen Creek	5	5	5	5	5	25
1,1,1-Trichloroethane	French Run	5	5	5	5		20
Hydrogen fluoride	Perkiomen Creek	5	5	5	5		20
Nitric acid	French Run	5	5	5	5		20
Copper	French Run	5					5

City: Fairless Hills, Pennsylvania

Facility: **USS Fairless Works**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		7,543	7,046	1,119	3,040	2,570	21,318
Chromium compounds	Delaware River	5,600	4,100	770	360	690	11,520
Zinc compounds	Delaware River	1,900	2,900	270	280	180	5,530
Chlorine	Delaware River			79	2,400	1,700	4,179
Nickel compounds	Delaware River		46				46
Lead compounds	Delaware River	43					43



Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Fairless Hills, Pennsylvania

Facility: **Corco Chemical Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,005	1,250	1,250	1,250	1,250	6,005
Hydrochloric acid	Corco Lake #2	250	250	250	250	250	1,250
Ammonia	Corco Lake #2	250	250	250	250	250	1,250
Sulfuric acid	Corco Lake #2	250	250	250	250	250	1,250
Nitric acid	Corco Lake #2	250	250	250	250	250	1,250
Phosphoric acid	Corco Lake #2	5	250	250	250	250	1,005

City: Farrell, Pennsylvania

Facility: **Sharon Steel Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		113,583	72,200	50,267			236,050
Ammonia	Shenango River	58,919	20,000	15,117			94,036
Zinc compounds	Shenango River	14,886	19,000	9,882			43,768
Manganese	Shenango River	15,539	17,000				32,539
Manganese compounds	Shenango River			14,561			14,561
Nickel	Shenango River	6,054	6,400				12,454
Copper	Shenango River	5,055	2,100				7,155
Chromium	Shenango River	6,313					6,313
Nickel compounds	Shenango River			5,667			5,667
Chromium compounds	Shenango River		3,800	1,326			5,126
Lead	Shenango River	3,296	1,700				4,996
Phenol	Shenango River		2,200	1,942			4,142
Cobalt	Shenango River	3,521					3,521
Lead compounds	Shenango River			1,022			1,022
Copper compounds	Shenango River			750			750

City: Gibraltar, Pennsylvania

Facility: **Crompton & Knowles Colors Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		875	980	2,242	1,836	551	6,484
Ammonia	Schuylkill River	218	446	1,506	957		3,127
Copper compounds	Schuylkill River	302	291	538	610	299	2,040
Formaldehyde	Schuylkill River	92	94	93	78	76	433
Aniline	Schuylkill River	181	77				258
Cobalt compounds	Schuylkill River	32	51	47	54	57	241
Zinc compounds	Schuylkill River				126	100	226
o-Toluidine	Schuylkill River		5	50		3	58
Chromium compounds	Schuylkill River	41	5	1	2	9	58
3,3'-Dimethoxybenzidine	Schuylkill River	4	4	4		3	15
Phenol	Schuylkill River	4	4				8
Glycol ethers	Schuylkill River	1	2	2	2	1	8
o-Anisidine	Schuylkill River				7		7
Diethanolamine	Schuylkill River		1	1		2	4
Cyanide compounds	Schuylkill River					1	1

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Greenville, Pennsylvania

Facility: **Damascus Bishop Tube Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		545	510	510	510	265	2,340
Chromium compounds	Shenango River				250	250	500
Nickel compounds	Shenango River				250	5	255
Nickel	Shenango River		250				250
Chromium	Shenango River		250				250
Chromium compounds	Unnamed Tributary -big Run			250			250
Nickel compounds	Unnamed Tributary -big Run			250			250
Manganese	Unnamed Tributary - Big Run -	250					250
Nickel	Unnamed Tributary - Big Run -	156					156
Chromium	Unnamed Tributary - Big Run -	131					131
Trichloroethylene	Shenango River		5		5	5	15
Manganese compounds	Shenango River				5	5	10
Trichloroethylene	Unnamed Tributary - Big Run -	8					8
Trichloroethylene	Unnamed Tributary -big Run			5			5
Manganese	Shenango River		5				5
Manganese compounds	Unnamed Tributary -big Run			5			5

City: Grove City, Pennsylvania

Facility: **Cooper-bessemer Reciprocating**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,000	6,000	6,000	6,000		24,000
Sulfuric acid	Wolf Creek	6,000	6,000	6,000	6,000		24,000

City: Hamburg, Pennsylvania

Facility: **Exide Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	1		14	14	279
Lead compounds	Kaercher Creek	250			14	14	278
Lead compounds	Schuylkill River		1				1

City: Hazleton, Pennsylvania

Facility: **Kama Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				500	500	500	1,500
Ethylbenzene	Hazel Creek Via Storm Sewer			250	250	250	750
Styrene	Hazel Creek Via Storm Sewer			250	250	250	750

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Hollsopple, Pennsylvania

Facility: **Firstmiss Steel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,020	1,275	2,288	2,275	2,521	10,379
Zinc (fume or dust)	Stony Creek	750	250	1,008	750	750	3,508
Lead	Stony Creek	250	250	250	250	250	1,250
Manganese	Stony Creek	250	250	250	250	250	1,250
Manganese	Quemahoning Creek	250	250	250	250	250	1,250
Zinc (fume or dust)	Quemahoning Creek	250	250	250	250	250	1,250
Chromium	Stony Creek	5	5	250	250	250	760
Nickel	Stony Creek	5	5	5	250	250	515
Copper	Stony Creek	5	5	5	5	250	270
Phosphoric acid	Stony Creek	250					250
Lead	Quemahoning Creek	5	5	5	5	5	25
Chromium	Quemahoning Creek		5	5	5	5	20
Nickel	Quemahoning Creek			5	5	5	15
Copper	Quemahoning Creek			5	5	5	15
Cobalt	Stony Creek					1	1

City: Houston, Pennsylvania

Facility: **Washington Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		42,040	1,833	97	78	18	44,066
Ethylene glycol	Chartiers Creek	42,000	1,700				43,700
Nickel compounds	Chartiers Creek	25	91	60	44	18	238
Chromium compounds	Chartiers Creek	12	30	26	23		91
Manganese compounds	Chartiers Creek	3	12	11	11		37

City: Hunker, Pennsylvania

Facility: **Youngwood Electronic Metals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		25,000					25,000
Nitric acid	Buffalo Run	25,000					25,000

City: Indiana, Pennsylvania

Facility: **Schroth Ind.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				250	500	15	765
Chromium compounds	Whites Run (intermittent)			250	250		500
Arsenic compounds	Whites Run (intermittent)				250		250
Arsenic	Whites Run					5	5
Chromium	Whites Run					5	5
Copper	Whites Run					5	5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Indiana, Pennsylvania

Facility: **Season-all Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Chromium compounds	Stoney Run	250					250

City: Indianola, Pennsylvania

Facility: **American Refining Group Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,500	1,500	30	30	30	3,090
Benzene	Deer Creek	250	250	5	5	5	515
1,2,4-Trimethylbenzene	Deer Creek	250	250	5	5	5	515
Ethylbenzene	Deer Creek	250	250	5	5	5	515
Toluene	Deer Creek	250	250	5	5	5	515
Xylene (mixed isomers)	Deer Creek	250	250	5	5	5	515
Methyl tert-butyl ether	Deer Creek	250	250	5	5	5	515

City: Johnsonburg, Pennsylvania

Facility: **Willamette Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		21,892	5,431	5,786	2,413	26,701	62,223
Methanol	Clarion River					17,700	17,700
Ammonia	Clarion River	15,391	158	373		377	16,299
Chloroform	Clarion River	5,366	4,170	4,283	1,969	235	16,023
Ammonium nitrate (solution)	Clarion River					8,044	8,044
Acetone	Clarion River	885	1,103	1,130	444		3,562
Acetaldehyde	Clarion River					316	316
Hydrochloric acid	Clarion River	250					250
Catechol	Clarion River					29	29

City: Johnstown, Pennsylvania

Facility: **J-Pitt Steel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		27,400	26,950	1,500	1,250		57,100
Zinc compounds	Little Conemaugh River	10,000	11,000				21,000
Manganese compounds	Little Conemaugh River	10,000	9,300		250		19,550
Lead compounds	Little Conemaugh River	2,100	2,600		250		4,950
Molybdenum trioxide	Little Conemaugh River	1,800	1,800				3,600
Nickel compounds	Little Conemaugh River	750	750	250	250		2,000
Copper compounds	Little Conemaugh River	750	250	250	250		1,500
Chromium compounds	Little Conemaugh River	750		250	250		1,250
Cobalt compounds	Little Conemaugh River		750	250			1,000
Dichloromethane	Little Conemaugh River	250	250	250			750
Cobalt	Little Conemaugh River	750					750
Silver compounds	Little Conemaugh River		250	250			500
Silver	Little Conemaugh River	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Johnstown, Pennsylvania

Facility: **Bethlehem Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,155	6,305	4,775			17,235

City: Johnstown, Pennsylvania

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
Zinc compounds	Conemaugh River	4,400	4,300	4,000			12,700
Lead compounds	Conemaugh River	250	750	250			1,250
Sulfuric acid	Conemaugh River	250	750	5			1,005
Nickel compounds	Conemaugh River	250	250	250			750
Hydrochloric acid	Conemaugh River	250	250	5			505
Manganese compounds	Conemaugh River	250		250			500
Chromium compounds	Conemaugh River	250		5			255
Copper compounds	Conemaugh River	250		5			255
Phosphoric acid	Conemaugh River		5	5			10
Nitric acid	Conemaugh River	5					5

City: Johnstown, Pennsylvania

Facility: **Johnstown Wire Techs.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					5,765	5,460	11,225
Zinc compounds	Conemaugh River				5,000	4,200	9,200
Lead compounds	Conemaugh River				250	750	1,000
Manganese compounds	Conemaugh River				250	250	500
Hydrochloric acid	Conemaugh River				5	250	255
Nickel compounds	Conemaugh River				250		250
Phosphoric acid	Conemaugh River				5	5	10
Chromium compounds	Conemaugh River				5	5	10

City: Johnstown, Pennsylvania

Facility: **Bethlehem Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,650	2,250	2,110			6,010
Lead compounds	Conemaugh River	1,400	1,500	1,100			4,000
Nickel compounds	Conemaugh River	250	750	250			1,250
Manganese compounds	Conemaugh River			750			750
Chromium compounds	Conemaugh River			5			5
Copper compounds	Conemaugh River			5			5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Johnstown, Pennsylvania

Facility: **SCM Metal Prods. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		882	477	409	528	652	2,948
Ammonium sulfate (solution)	Stony Creek		453	402	515	638	2,008
Ammonium sulfate (solution)	Stony Creek River	870					870
Copper	Stony Creek		19	3	8	10	40
Copper	Stony Creek River	10					10
Nickel	Stony Creek		2	1	1	1	5
Chromium	Stony Creek		3		1	1	5
Manganese	Stony Creek			1	2	1	4
Cobalt	Stony Creek			1	1	1	3
Chromium	Stoney Creek			1			1
Nickel	Stony Creek River	1					1
Chromium	Stony Creek River	1					1

City: Johnstown, Pennsylvania

Facility: **J-pitt Steel Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				760	1,250		2,010
Copper compounds	Little Conemaugh River			250	250		500
Lead compounds	Little Conemaugh River			250	250		500
Manganese compounds	Little Conemaugh River			250	250		500
Chromium compounds	Little Conemaugh River			5	250		255
Nickel compounds	Little Conemaugh River			5	250		255

City: Johnstown, Pennsylvania

Facility: **Circular Prods.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			20	270			290
Manganese compounds	Little Conemaugh River		5	250			255
Chromium compounds	Little Conemaugh River		5	5			10
Copper compounds	Little Conemaugh River		5	5			10
Nickel compounds	Little Conemaugh River		5	5			10
Lead compounds	Little Conemaugh River			5			5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Kane, Pennsylvania

Facility: **Stackpole Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			500	250			750
Barium compounds	E. Branch Of Tionesta Creek		250				250
Barium compounds	Tionesta Creek			250			250
Lead compounds	E. Branch Of Tionesta Creek		250				250

City: Karns City, Pennsylvania

Facility: **Pennzoil Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		760	250	250		250	1,510
Ammonia	Bear Creek		250	250		250	750
Ammonia	Tributary To S. Br. Bear Creek	750					750
Anthracene	Tributary To S. Br. Bear Creek	5					5
Sulfuric acid	Tributary To S. Br. Bear Creek	5					5

City: Langeloth, Pennsylvania

Facility: **Langeloth Metallurgical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		307	314	517	208	6,450	7,796
Molybdenum trioxide	Burgetts Fork	307	314	517	208	4,014	5,360
Zinc compounds	Burgetts Fork					2,381	2,381
Nickel compounds	Burgetts Fork					33	33
Copper compounds	Burgetts Fork					17	17
Cobalt compounds	Burgetts Fork					4	4
Chromium compounds	Burgetts Fork					1	1

City: Lansdale, Pennsylvania

Facility: **American Olean Tile Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		43	271	276	289	305	1,184
Barium compounds	Neshaminy Creek	41	120	143	111	126	541
Zinc compounds	Neshaminy Creek	2	117	104	135	139	497
Lead compounds	Neshaminy Creek		34	27	38	40	139
Chromium compounds	Neshaminy Creek			1	5		6
Cobalt compounds	Neshaminy Creek			1			1

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Latrobe, Pennsylvania

Facility: **Teledyne Allvac**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	750	520	5,400	765	7,685
Chromium	Saxman Run	250	250	250	2,100	250	3,100
Molybdenum trioxide	Saxman Run			250	1,800	250	2,300
Nickel	Saxman Run			5	750	250	1,005
Cobalt	Saxman Run		250	5	250	5	510
Manganese	Saxman Run			5	250	5	260
Copper	Saxman Run			5	250	5	260
Vanadium (fume or dust)	Saxman Run		250				250

City: Latrobe, Pennsylvania

Facility: **Standard Steel**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		637	536	589	463	350	2,575
Manganese compounds	Loyalhanna Creek	570	480	560	414	320	2,344
Chromium compounds	Loyalhanna Creek	30	25	29	22	30	136
Nickel compounds	Loyalhanna Creek	37	31		27		95

City: Latrobe, Pennsylvania

Facility: **Fansteel Hydro Carbide**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	250	500			1,000
Cobalt	Nine Mile Run	250	250	250			1,000

City: Latrobe, Pennsylvania

Facility: **Chestnut Ridge Foam Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			250	5	5	250	510
Zinc compounds	Saxman Run		250	5	5	250	510

City: Latrobe, Pennsylvania

Facility: **K-castings Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				5	250	5	260
Copper	Loyalhanna Creek			5	250	5	260

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Laureldale, Pennsylvania

Facility: **Exide Corp. Reading Sli**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,520			90	151	1,761
Lead compounds	Bernhard's Creek	250			90	151	1,756
Antimony	Unnamed Tributary To	5					5

City: Lebanon, Pennsylvania

Facility: **Alcoa**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				180	240	230	650
Manganese	Quittapahillia Creek			180	240	230	650

City: Leechburg, Pennsylvania

Facility: **Allegheny Ludlum Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,470	5,520	9,120	3,725	2,000	22,835
Chromium compounds	Kiskiminetas River	1,700		7,700	2,900	1,230	13,530
Nickel compounds	Kiskiminetas River	750	3,100	1,400	800	750	6,800
Lead compounds	Kiskiminetas River		2,400				2,400
Hydrogen fluoride	Kiskiminetas River	5	5	5	5	5	25
Sulfuric acid	Kiskiminetas River	5		5	10	5	25
Nitric acid	Kiskiminetas River	5	5	5	5	5	25
Manganese compounds	Kiskiminetas River	5	5	5		5	20
Sulfuric acid	Kickiminetus River		5				5
Manganese compounds	Kishiminetas River				5		5

City: Leetsdale, Pennsylvania

Facility: **Hussey Copper Ltd.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,005	3,033	515	760	2,255	7,568
Copper	Big Sewickley Creek	250	2,533	250	250		3,283
Copper	Ohio River			5	250	2,000	2,255
Nickel	Big Sewickley Creek	250	250	250	250		1,000
Lead	Big Sewickley Creek	5	250	5	5		265
Nickel	Ohio River			5	5	250	260
Zinc (fume or dust)	Big Sewickley Creek	250					250
Sulfuric acid	Big Sewickley Creek	250					250
Lead	Ohio River					5	5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Leola, Pennsylvania
Facility: **C & D Power Com**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		46	15	3	2	250	316
Lead compounds	Mill Creek	46	15		2	250	313
Lead compounds	Unnamed Tributary Of Mill Creek			3			3

City: Lock Haven, Pennsylvania
Facility: **International Paper Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		131	233	170		44	578
Ammonium nitrate (solution)	Bald Eagle Creek	131	233	170			534
Copper compounds	Bald Eagle Creek					44	44

City: Marietta, Pennsylvania
Facility: **Armstrong World Ind. Marietta**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			5	500	564	1,451	2,520
Ammonia	Susquehanna River		5	250	250	1,015	1,520
Phosphoric acid	Susquehanna River			250	250	408	908
Decabromodiphenyl oxide	Susquehanna River				45	3	48
Antimony compounds	Susquehanna River				19	20	39
Formaldehyde	Susquehanna River					5	5

City: Mc Adoo, Pennsylvania
Facility: **Consolidated Cigar Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,500					2,500
Ammonia	Celebration Creek	2,500					2,500

City: Mc Donald, Pennsylvania
Facility: **Pitt Metals & Chemicals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		50	250	255	250	250	1,055
Hydrochloric acid	Tributary Of Robinson Run	50	250		250	250	800
Hydrochloric acid	Unknown			250			250
Sulfuric acid	Tributary Of Robinson Run			5			5

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Meadville, Pennsylvania

Facility: **U.S. Bronze Fndy. & Machine**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		28	77	114			219
Lead	French Creek	28	43	39			110
Copper	French Creek		34	75			109

City: Mehoopany, Pennsylvania

Facility: **Procter & Gamble**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,351	730	15,400	16,060	15,000	48,541
Methanol	Susquehanna River			15,000	15,000	15,000	45,000
Chloroform	Susquehanna River	1,351	730	400	1,060		3,541

City: Mercersburg, Pennsylvania

Facility: **Mercersburg Tanning Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,000	900	500	680		3,080
Chromium compounds	Johnston Run	250	500	500	680		1,930
Acetone	Johnston Run	750	400				1,150

City: Midland, Pennsylvania

Facility: **J & L Specialty Steel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	750	647	162	229	2,538
Chromium	Ohio River	250	250	270	100	130	1,000
Nickel	Ohio River	250	250	350	47	78	975
Manganese	Ohio River	250	250	27	10	13	550
Zinc (fume or dust)	Ohio River				5	7	12
Lead	Ohio River					1	1

City: Mifflintown, Pennsylvania

Facility: **Empire Kosher Poultry**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			22,064	31,336	22,000	16,700	92,100
Chlorine	Juniata River		22,064	31,336	22,000	16,700	92,100

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Millersburg, Pennsylvania

Facility: **Johnson Baillie Shoe Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	500	500	500		2,000
Acetone	Black Creek	250	250	250	250		1,000
Toluene	Black Creek	250	250	250	250		1,000

City: Milton, Pennsylvania

Facility: **North Star Steel Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		859	20				879
Chromium compounds	Susquehanna River	740	5				745
Manganese compounds	Susquehanna River	57					57
Nickel compounds	Susquehanna River	20					20
Lead compounds	Susquehanna River	14	5				19
Copper compounds	Susquehanna River	17					17
Zinc compounds	Susquehanna River	11					11
Manganese compounds	W. Branch Susquehanna River		5				5
Zinc compounds	W. Branch Of Susquehanna		5				5

City: Miquon, Pennsylvania

Facility: **Simpson Paper Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				1,467	8,250	1,159	10,876
Ammonia	Schuylkill River			1,467	7,500	21	8,988
Diethanolamine	Schuylkill River				750	1,100	1,850
Copper compounds	Schuylkill River					38	38

City: Monaca, Pennsylvania

Facility: **Arco Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		933	3,760	4,330	61	81	9,165
Chlorine	Ohio River		3,200	4,300			7,500
Styrene	Ohio River		560				560
Zinc compounds	Raccoon Creek	237		30	61	81	409
Chromium compounds	Raccoon Creek	217					217
Styrene	Raccoon Creek	173					173
Chlorine	Raccoon Creek	161					161
Toluene	Raccoon Creek	53					53
Benzene	Raccoon Creek	48					48
Ethylbenzene	Raccoon Creek	44					44

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Monaca, Pennsylvania
 Facility: **Zinc Corp. Of America**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,000	2,677	1,611	670	536	7,494
Zinc compounds	Ohio River	750	750	946	430	300	3,176
Copper compounds	Ohio River	750	1,427	579	160	200	3,116
Cadmium compounds	Ohio River	250	250	59	30	21	610
Lead compounds	Ohio River	250	250	27	50	15	592

City: Monaca, Pennsylvania
 Facility: **Basf Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,601					4,601
Ammonia	Raccoon Creek	4,600					4,600
Styrene	Raccoon Creek	1					1

City: Monaca, Pennsylvania
 Facility: **Teledyne Vasco**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		505	500	250			1,255
Chromium	Ohio River	250	250	250			750
Vanadium (fume or dust)	Ohio River	250	250				500
Cobalt	Ohio River	5					5

City: Monaca, Pennsylvania
 Facility: **Pittsburgh Tool Steel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	250	250	250	250	1,005
Barium compounds	Ohio River		250	250	250	250	1,000
Hydrochloric acid	Storm Sewer To Ohio River	5					5

City: Monaca, Pennsylvania
 Facility: **Pittsburgh Tube Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3	61	66	39	43	212
Zinc compounds	Ohio River			66	39	43	148
Zinc compounds	Unnamed Trib. Of Ohio River	3	61				64

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Monessen, Pennsylvania

Facility: **Sharon Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		37,144	11,365	29,749			78,258
Ammonia	Monongahela River	33,810	9,500	24,769			68,079
Cyanide compounds	Monongahela River	2,362	1,600	4,965			8,927
Phenol	Monongahela River	918	250	5			1,173
Naphthalene	Monongahela River	31					31
2,4-Dinitrophenol	Monongahela River	14	5				19
Xylene (mixed isomers)	Monongahela River	5	5	5			15
Toluene	Monongahela River	3	5	5			13
Benzene	Monongahela River	1					1

City: Monessen, Pennsylvania

Facility: **Page Aluminized Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		255	51	250			556
Lead	Monongahela River	250	46	250			546
Hydrochloric acid	Monongahela River	5	5				10

City: Monongahela, Pennsylvania

Facility: **Flexsys America L.p**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	250	250	250	250	1,005
Carbon disulfide	Pigeon Creek	5	250	250	250	250	1,005

City: Morrisville, Pennsylvania

Facility: **Pre Finish Metals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		100,250	53	16	250	250	100,819
Sulfuric acid	Biles Creek	100,000					100,000
Chromium compounds	Biles Creek		53	16	250	250	569
Ethylene glycol	Biles Creek	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: New Castle, Pennsylvania

Facility: **Syracuse China Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Lead compounds	Shenango River	250					250

City: New Castle, Pennsylvania

Facility: **Markovitz Ents. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		39	38	39	43	32	191
Nickel	Unnamed Tributary To Big Run		18	19	14	19	70
Chromium	Unnamed Tributary To Big Run	13	12	10	17	12	64
Nickel compounds	Unnamed Tributary To Big Run	23					23
Trichloroethylene	Unnamed Tributary To Big Run	2	3	5	4	1	15
Copper	Unnamed Tributary To Big Run		4		7		11
Manganese	Unnamed Tributary To Big Run	1	1	1	1		4
Copper	Unnamed Tributary Big Run			4			4

City: New Columbia, Pennsylvania

Facility: **National Gypsum Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,300	250	750	750	250	4,300
Ammonia	Susquehanna River	2,300	250	750	750	250	4,300

City: New Stanton, Pennsylvania

Facility: **Robertshaw Controls Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260	1,000	1,000	87	86	2,433
Zinc compounds	Big Sewickley Creek		250	250	67	66	633
Nickel	Big Sewickley Creek		250	250			500
Chromium	Big Sewickley Creek		250	250			500
Copper	Big Sewickley Creek		250	250			500
Copper	Unnamed Tributary To Big	250					250
Copper compounds	Big Sewickley Creek				20	19	39
Hydrochloric acid	Unnamed Tributary Of Big	5					5
Sulfuric acid	Unnamed Tributary To Big	5					5
Trichloroethylene	Big Sewickley Creek					1	1

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Newell, Pennsylvania

Facility: **Welland Chemical Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						7,066	7,066
Nitric acid	Monongahela River					7,000	7,000
Ammonia	Monongahela River					66	66

City: Oakmont, Pennsylvania

Facility: **Edgewater Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			65	65	65	65	260
Nickel	Allegheny River		65	65	65	65	260

City: Oxford, Pennsylvania

Facility: **Keystone Wood Treating Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				260	5		265
Copper compounds	Intermit Stream Into Little Elk			250			250
Arsenic	Intr. Stream Into The Little Elk				5		5
Arsenic compounds	Intr. Stream Into Little Elk Creek			5			5
Chromium compounds	Intr. Stream Into Little Elk River			5			5

City: Palmerton, Pennsylvania

Facility: **Zinc Corp. Of America**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		31,083	9,178	40,886	27,731	50,903	159,781
Zinc compounds	Aquashicola Creek	15,553	8,516	36,000	24,000	47,000	131,069
Zinc compounds	Lehigh River	15,030	436	150	630	600	16,846
Manganese compounds	Aquashicola Creek		5	4,500	3,000	3,200	10,705
Copper compounds	Aquashicola Creek	250	73	38	64	28	453
Copper compounds	Lehigh River	250	7	1	5	6	269
Lead compounds	Aquashicola Creek		113	88			201
Manganese compounds	Lehigh River		5	6	32	69	112
Cadmium compounds	Aquashicola Creek			100			100
Lead compounds	Lehigh River		13	1			14
Nickel compounds	Aquashicola Creek		5				5
Nickel compounds	Lehigh River		5				5
Cadmium compounds	Lehigh River			2			2

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Palmerton, Pennsylvania

Facility: **Horsehead Resource Development**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		8,580	2,979	2,011	2,256	3,394	19,220
Zinc compounds	Aquashicola Creek	8,299	2,615	1,000	1,600	2,700	16,214
Manganese compounds	Aquashicola Creek	5	5	880	570	610	2,070
Lead compounds	Aquashicola Creek	250	194	67	22	28	561
Cadmium compounds	Aquashicola Creek		56	13	15	14	98
Nickel compounds	Aquashicola Creek		5	47	26	3	81
Copper compounds	Aquashicola Creek		32		21	5	58
Zinc compounds	Lehigh River	6	45	4	2	1	58
Chromium compounds	Aquashicola Creek	5	5			30	40
Manganese compounds	Lehigh River	5	5			2	12
Chromium compounds	Lehigh River	5	5				10
Lead compounds	Lehigh River	5	3				8
Nickel compounds	Lehigh River		5				5
Copper compounds	Lehigh River		2			1	3
Cadmium compounds	Lehigh River		2				2

City: Palmerton, Pennsylvania

Facility: **Carbonaire Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,400	845				4,245
Ammonia	Aquashicola Creek	3,400	845				4,245

City: Paoli, Pennsylvania

Facility: **Force Ind. Div.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			13	11	15	250	289
Zinc compounds	Little Valley Creek		13	11	15	250	289

City: Petrolia, Pennsylvania

Facility: **Witco Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15	554	567	750	750	2,636
Ammonia	Bear Creek	5	250	250	250	250	1,005
Barium compounds	Bear Creek	5	250	250	250	250	1,005
Methanol	Bear Creek	5	54	67	250	250	626

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Philadelphia, Pennsylvania

Facility: **Sun Refining & Marketing Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		36,339	28,556	2,322	1,422	45,176	113,815
Ammonia	Schuylkill River	35,000	28,000	2,200	1,400	44,000	110,600
Zinc compounds	Schuylkill River	684	460	22	18	570	1,754
Chromium compounds	Schuylkill River	630	95	100	1	380	1,206
Ethylbenzene	Schuylkill River					99	99
Xylene (mixed isomers)	Schuylkill River					78	78
Phenol	Schuylkill River	25	1		3	44	73
Benzene	Schuylkill River					2	2
1,2,4-Trimethylbenzene	Schuylkill River					2	2
Toluene	Schuylkill River					1	1

City: Philadelphia, Pennsylvania

Facility:

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		129	7,377	14,914	2,377	10,040	34,837
Ammonia	Schuylkill River	113	7,300	14,856	2,330	10,000	34,599
Phenol	Schuylkill River	4	77	46	47	40	214
Benzene	Schuylkill River			10			10
Chromium compounds	Schuylkill River	7					7
Chlorine	Schuylkill River	5					5
Toluene	Schuylkill River			2			2

City: Philadelphia, Pennsylvania

Facility: **SPD Techs.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				1,752	3,459	3,684	8,895
Copper	Byberry Creek			1,752	3,459	3,684	8,895

City: Philadelphia, Pennsylvania

Facility: **Dickler Chemical Labs. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,500	1,000	3,000	1,000	1,000	7,500
Hydrochloric acid	Delaware River	250	250		250	250	1,000
Sulfuric acid	Delaware River	250	250		250	250	1,000
Glycol ethers	Delaware River	250	250		250	250	1,000
Hydrochloric acid	Unknown			750			750
Phosphoric acid	Unknown			750			750
Sulfuric acid	Unknown			750			750
Glycol ethers	Unknown			750			750
Phosphoric acid	Delaware River				250	250	500
Ammonia	Delaware River	250	250				500
Methanol	Delaware River	250					250
Diethanolamine	Delaware River	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Philadelphia, Pennsylvania

Facility: **Franklin Smelting & Refining**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,500	1,500	1,500	1,500	1,500	7,500

City: Philadelphia, Pennsylvania

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
Lead	Delaware River	250	250	250	250	250	1,250
Nickel	Delaware River	250	250	250	250	250	1,250
Cadmium	Delaware River	250	250	250	250	250	1,250
Chromium	Delaware River	250	250	250	250	250	1,250
Copper	Delaware River	250	250	250	250	250	1,250
Zinc (fume or dust)	Delaware River	250	250	250	250	250	1,250

City: Philadelphia, Pennsylvania

Facility: **Lerro Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	500		500	500	1,750
Ammonia	Delaware River	250	250		250	250	1,000
Chlorine	Delaware River		250		250	250	750

City: Philadelphia, Pennsylvania

Facility: **National Chemical Labs.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		110	255	270	275	265	1,175
Glycol ethers	Delaware River	100	250	250	250	250	1,100
Diethanolamine	Delaware River			5	10	10	25
Chlorophenols	Delaware River	10	5	5	5		25
Dibutyl phthalate	Delaware River			5	5	5	15
1,1,1-Trichloroethane	Delaware River			5	5		10

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Philadelphia, Pennsylvania

Facility: **Harry Miller Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750					750
Diethanolamine	Unknown	250					250
Glycol ethers	Unknown	250					250
Phosphoric acid	Unknown	250					250

City: Philadelphia, Pennsylvania

Facility: **Rohm & Haas DVI**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		260	250			3	513
Sulfuric acid	Frankford Inlet		250				250
1,2-Dichloroethane	Frankford Inlet	247					247
1,2-Dichloroethane	Delaware River	13					13
Hydrochloric acid	Delaware River					3	3

City: Pine Grove, Pennsylvania

Facility: **Gold Mills Inc. Penn Dye &**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,752	6,528	45	8	75	9,408
Biphenyl	Swatara Creek	2,502	2,128	23			4,653
1,2,4-Trimethylbenzene	Swatara Creek	250	3,700	12	8	7	3,977
Naphthalene	Swatara Creek		700	10			710
Decabromodiphenyl oxide	Swatara Creek					68	68

City: Pittsburgh, Pennsylvania

Facility: **Shenango Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		92,030	92,760	78,569	44,520	142,215	450,094
Ammonia	Ohio River	89,730	92,000	77,064	44,005	132,370	435,169
Benzene	Ohio River	21	5	250	250	7,301	7,827
Phenol	Ohio River	1,913	750	750	250	250	3,913
Toluene	Ohio River	5		250	5	1,794	2,054
Naphthalene	Ohio River	106	5	250	5	250	616
Xylene (mixed isomers)	Ohio River	5		5	5	250	265
Manganese	Ohio River	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Pittsburgh, Pennsylvania

Facility: **LTV Steel Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		82,341	80,710	63,450	59,360	56,230	342,091
Ammonia	Monongahela River	81,140	80,000	58,000	57,000	30,000	306,140
Cyanide compounds	Monongahela River	550	520	550	540	24,000	26,160
Phenol	Monongahela River	651	190	4,900		1,900	7,641
Naphthalene	Monongahela River				1,100	110	1,210
Phenol	Unknown				590		590
Benzene	Monongahela River				130	220	350

City: Pittsburgh, Pennsylvania

Facility: **Neville Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,520	4,380	4,995	961	956	13,812
Ammonia	Ohio River		3,100	4,200	45	2	7,347
Benzene	Ohio River	250	250	250	20	55	825
Xylene (mixed isomers)	Ohio River	250	250	250	20	52	822
Toluene	Ohio River	250	250	250	20	42	812
Naphthalene	Ohio River	250	250	5	39	5	549
Cumene	Ohio River	5	5	5	250	250	515
Biphenyl	Ohio River		5	5	250	250	510
Maleic anhydride	Ohio River				250	250	500
Styrene	Ohio River	250	5	5	38	43	341
Ethylbenzene	Ohio River	5	250	5	19	4	283
1,2,4-Trimethylbenzene	Ohio River	250	5	5	10	1	271
1,1,2,2-Tetrachloroethane	Ohio River	250	5	5			260
Chlorobenzene	Ohio River	250	5	5			260
Methyl ethyl ketone	Ohio River	250					250
Phenol	Ohio River	250					250
Allyl alcohol	Ohio River			5			5
Tetrachloroethylene	Ohio River	5					5
1,1,1-Trichloroethane	Ohio River	5					5
Anthracene	Ohio River					2	2

City: Pittsburgh, Pennsylvania

Facility: **Pittsburgh Flatroll Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750		1,000	563	67	2,380
Nickel compounds	Allegheny River	250		250	111	45	656
Manganese compounds	Allegheny River			250	398		648
Cobalt compounds	Allegheny River	250		250	30	9	539
Chromium compounds	Allegheny River	250		250	24	13	537

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Pittsburgh, Pennsylvania

Facility: **AMG Resources Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		94	250				344
Lead compounds	Ohio River	18	250				268
Copper compounds	Ohio River	71					71
Antimony compounds	Ohio River	5					5

City: Pittston, Pennsylvania

Facility: **Techneglas Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,672					1,672
Barium compounds	Lampblack & Gardners Creek	1,536					1,536
Arsenic compounds	Lampblack & Gardners Creek	108					108
Lead compounds	Lampblack & Gardners Creek	13					13
Antimony compounds	Lampblack & Gardners Creek	5					5
Sulfuric acid	Lampblack & Gardners Creek	5					5
Zinc compounds	Lampblack & Gardners Creek	5					5

City: Pottstown, Pennsylvania

Facility: **Doehler-Jarvis Pottstown Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10,500	505	505	750	750	13,010
Ethylene glycol	Schuylkill River	10,000	5	5			10,010
Copper	Schuylkill River	250	250	250	250	250	1,250
Zinc compounds	Schuylkill River	250	250	250	250	250	1,250
Manganese compounds	Schuylkill River				250	250	500

City: Pottstown, Pennsylvania

Facility: **A & L Handles Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						250	250
Diethyl phthalate	Unknown					250	250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Punxsutawney, Pennsylvania

Facility: **International Jensen Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	250		250	250	755
Zinc compounds	Mahoning Creek	5	250		250	250	755

City: Ransom, Pennsylvania

Facility: **Pope & Talbot Wis Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		74	28	23	35	32	192
Ammonia	Susquehanna River	74	28	23	35	32	192

City: Reading, Pennsylvania

Facility: **Glidden Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		26,215		15		140	26,370
Butyl acrylate	Bernhard's Creek	26,215					26,215
Zinc compounds	Bernhard's Creek			10		100	110
Methyl ethyl ketone	Bernhard's Creek					5	5
Ethylbenzene	Bernhard's Creek					5	5
Styrene	Bernhard's Creek					5	5
Vinyl acetate	Bernhard's Creek					5	5
Methyl isobutyl ketone	Bernhard's Creek					5	5
Toluene	Bernhard's Creek					5	5
Xylene (mixed isomers)	Bernhard's Creek					5	5
Barium compounds	Bernhard's Creek			5			5
Cobalt compounds	Bernhard's Creek					5	5

City: Reading, Pennsylvania

Facility: **Carpenter Technology Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,144	1,981	1,454	1,362	1,406	8,347
Manganese	Schuylkill River	707	707	707	707	707	3,535
Nickel	Schuylkill River	1,017	777	235	222	227	2,478
Chromium	Schuylkill River	141	189	277	238	267	1,112
Cobalt	Schuylkill River	100	101	101	101	102	505
Copper	Schuylkill River	138	137	88	61	71	495
Cyanide compounds	Schuylkill River	41	70	46	33	32	222

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Reading, Pennsylvania

Facility: **General Battery Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		385	647	658	911	866	3,467
Antimony	Bernhard's Creek	255	468	440	580		1,743
Antimony compounds	Bernhard's Creek					562	562
Lead compounds	Bernhard's Creek			170	188	61	419
Zinc (fume or dust)	Bernhard's Creek				76	191	267
Cadmium	Bernhard's Creek	72	92	40	31		235
Lead	Bernhard's Creek	53	80				133
Arsenic	Bernhard's Creek	5	7	8	36		56
Cadmium compounds	Bernhard's Creek					43	43
Arsenic compounds	Bernhard's Creek					9	9

City: Reading, Pennsylvania

Facility: **Baldwin Hardware Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		505	510	45	534	1,000	2,594
Copper	Schuylkill River	250	250	13	250	250	1,013
Trichloroethylene	Schuylkill River	250	250	22	29	250	801
Barium compounds	Schuylkill River			5	250	250	505
Lead	Schuylkill River		5	5	5	250	265
Zinc (fume or dust)	Schuylkill River	5	5				10

City: Reading, Pennsylvania

Facility: **Reading Tube Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	250	250	250	750	1,750
Copper	Schuylkill River	250	250	250	250	750	1,750

City: Reading, Pennsylvania

Facility: **At&t**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		141					141
Trichloroethylene	Bernhard's Creek	75					75
Dichloromethane	Bernhard's Creek	23					23
Tetrachloroethylene	Bernhard's Creek	16					16
Acetone	Bernhard's Creek	6					6
Methanol	Bernhard's Creek	5					5
Freon 113	Bernhard's Creek	5					5
Glycol ethers	Bernhard's Creek	5					5
Xylene (mixed isomers)	Bernhard's Creek	5					5
1,2-Dichlorobenzene	Bernhard's Creek	1					1

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Ridgway, Pennsylvania

Facility: **CDR Pigments & Dispersions**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		994	558	200	1,091	1,232	4,075
Barium compounds	Elk Creek	994	558	200	1,091	1,232	4,075

City: Riverside, Pennsylvania

Facility: **Merck & Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20,715	11,308	9,762	9,493	6,850	58,128
Ammonia	Susquehanna River	6,100	7,300	2,100	1,200	340	17,040
Ethylene glycol	Susquehanna River	6,600	1,900	3,300	1,800	1,400	15,000
Acetonitrile	Susquehanna River	15	15	2,200	2,300	3,300	7,830
Pyridine	Susquehanna River	6,800					6,800
Manganese compounds	Susquehanna River		670	1,100	2,600	1,300	5,670
Acetone	Susquehanna River	280	470	340	800		1,890
Methanol	Susquehanna River	340	360	410	330	290	1,730
Toluene	Susquehanna River	110	120	130	170	170	700
Chloromethane	Susquehanna River	84	87	25	170		366
1,2-Dichloroethane	Susquehanna River	110	160	75			345
Dichloromethane	Susquehanna River	130	170	19			319
Chloroform	Susquehanna River	44	27	3	100		174
Methyl ethyl ketone	Susquehanna River	10	29	60	23	50	172
Formaldehyde	Susquehanna River	92					92

City: Roaring Spring, Pennsylvania

Facility: **Appleton Papers Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10,060	8,910	10,021	15,350	13,370	57,711
Ammonia	Juniata River	5,900	5,800	6,100	11,000	10,000	38,800
Chloroform	Juniata River	2,300	1,300	2,200	2,900	2,800	11,500
Acetone	Juniata River	860	860	860	820		3,400
Zinc compounds	Juniata River	670	610	630	630	570	3,110
Phenol	Juniata River	220	210	91			521
Catechol	Juniata River	110	130	140			380

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Rouseville, Pennsylvania

Facility: **Pennzoil Prods. Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,023	3,300	35,775	11,279	1,342	53,719
Ammonia	Oil Creek			26,000	10,000	590	36,590
Methyl ethyl ketone	Oil Creek	1,600	3,000	7,400	1,100	530	13,630
Toluene	Oil Creek	51	41	1,900	40	69	2,101
Xylene (mixed isomers)	Oil Creek	120	90	140	46	76	472
Cyclohexane	Oil Creek	78	53	61	20	4	216
Cresol (mixed isomers)	Oil Creek	54	36	92	6	4	192
1,2,4-Trimethylbenzene	Oil Creek	38	27	66	15	23	169
Ethylbenzene	Oil Creek	63	38	15	3	10	129
Benzene	Oil Creek	16	13	28	21	28	106
Anthracene	Oil Creek	1		37	15		53
Cumene	Oil Creek	2	2	25	3	2	34
Naphthalene	Oil Creek			11	10	6	27

City: Rouseville, Pennsylvania

Facility:

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						250	250
Zinc compounds	Oil Creek					250	250

City: Saegertown, Pennsylvania

Facility: **Lord Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		331	295	525	525	525	2,201
Xylene (mixed isomers)	French Creek	36	250	250	250	250	1,036
Methyl ethyl ketone	French Creek	25	25	250	250	250	800
Dichloromethane	French Creek	250	1	5	5	5	266
Toluene	French Creek	5	9	5	5	5	29
Ethylbenzene	French Creek	5	5	5	5	5	25
Methyl isobutyl ketone	French Creek	5	4	5	5	5	24
Tetrachloroethylene	French Creek	5	1	5	5	5	21

City: Saint Marys, Pennsylvania

Facility: **Pure Carbon Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			753				753
Zinc compounds	Unnamed Tributary Of Elk Creek		753				753

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Saint Marys, Pennsylvania

Facility: **St. Marys Carbon Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		61	24	15	6	6	112
Copper	Iron Run	59	14	10	6	6	95
1,1,1-Trichloroethane	Iron Run	2	5	5			12
Lead	Iron Run		5				5

City: Saint Marys, Pennsylvania

Facility: **Keystone Carbon Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				74	4	23	101
Zinc compounds	Iron Run			25	3	13	41
Copper	Iron Run			10	1	10	21
Copper	Elk Creek			20			20
Zinc compounds	Elk Creek			19			19

City: Scranton, Pennsylvania

Facility: **Chamberlain Mfg. U.S. Army**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		5		255	814		1,074
Zinc compounds	Roaring Brook	5			522		527
Zinc compounds	Roaring Brook			250			250
Manganese compounds	Roaring Brook				180		180
Copper compounds	Roaring Brook			5	112		117

City: Scranton, Pennsylvania

Facility: **U.S. Army**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						197	197
Zinc compounds	Roaring Brook					127	127
Manganese compounds	Roaring Brook					53	53
Copper compounds	Roaring Brook					17	17

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Sharon, Pennsylvania

Facility: **Sharon Tube Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,750	1,500	1,500	750	500	6,000
Aluminum (fume or dust)	Shenango River	750	750	750			2,250
Lead	Shenango River	250	250	250	250	250	1,250
Zinc compounds	Shenango River	250	250	250	250	250	1,250
Manganese	Shenango River	250	250	250	250		1,000
Phosphorus (yellow or white)	Shenango River	250					250

City: Sharon, Pennsylvania

Facility: **Armco**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		104	114	750	500	109	1,577
Zinc (fume or dust)	Shenango River	58	44	250	250	71	673
Lead	Shenango River	46	53	250	250	38	637
Sulfuric acid	Shenango River		17	250			267

City: Sharpsville, Pennsylvania

Facility: **Sharpsville Quality Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	250	5		755
Manganese	Shenango River	250	250	250	5		755

City: Shoemakersville, Pennsylvania

Facility: **Brush Wellman Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		144	153	114	56	79	546
Copper	Unknown		137	99	46	68	350
Copper	Unnamed Tributary Of Schuylkill	133					133
Beryllium	Unknown		11	10	5	9	35
Nickel	Unknown		5	5	5	2	17
Beryllium	Unnamed Tributary Of Schuylkill	8					8
Nickel	Unnamed Tributary Of Schuylkill	3					3

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Smethport, Pennsylvania

Facility: **Petrowax PA Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		35,200	47,123	41,421	42,483	2,713	168,940
Methyl ethyl ketone	Potato Creek	30,300	38,650	33,973	34,869	1,830	139,622
Toluene	Potato Creek	4,900	8,473	7,448	7,614	403	28,838
Ammonia	Potato Creek					480	480

City: Somerset, Pennsylvania

Facility: **Fleetwood Folding Trailers**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			750	750			1,500
1,1,1-Trichloroethane	Coxes Creek			750			750
Dichloromethane	Coxes Creek		750				750

City: Souderton, Pennsylvania

Facility: **Moyer Packing Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			750	750	2,450	2,250	6,200
Chlorine	Skippack Creek				1,700	1,500	3,200
Ammonia	Skippack Creek		750	750	750	750	3,000

City: Spring Grove, Pennsylvania

Facility: **P. H. Glatfelter Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,250	4,350	4,350	6,532	1,943	21,425
Acetone	Codorus Creek	2,500	2,400	2,600	3,200		10,700
Chloroform	Codorus Creek	1,000	1,200	1,000	1,700	517	5,417
Ammonia	Codorus Creek	750	750	750	1,100	1,016	4,366
Sulfuric acid	Codorus Creek				527		527
Acetaldehyde	Codorus Creek					405	405
Catechol	Codorus Creek				5	5	10

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: State College, Pennsylvania

Facility: **Corning Asahi Video Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		251	240	66	15	279	851
Lead compounds	Logan Branch	251	240	66	15	9	581
Chromium compounds	Logan Branch					270	270

City: Steelton, Pennsylvania

Facility: **Bethlehem Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		12,898	13,211	13,133	11,359	10,800	61,401
Manganese compounds	Susquehanna River	8,233	8,433	8,383	7,251	6,300	38,600
Zinc compounds	Susquehanna River	3,293	3,373	3,353	2,900	2,000	14,919
Chromium compounds	Susquehanna River	549	562	559	483	750	2,903
Nickel compounds	Susquehanna River	549	562	559	483	250	2,403
Lead compounds	Susquehanna River	274	281	279	242	750	1,826
Copper compounds	Susquehanna River					750	750

City: Stowe, Pennsylvania

Facility: **Stanley G. Flagg & Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			126	126	96		348
Zinc (fume or dust)	Schuylkill River		121	121	91		333
Copper	Schuylkill River		5	5	5		15

City: Sykesville, Pennsylvania

Facility: **Symmco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						1,000	1,000
Copper	Stump Creek					750	750
Methanol	Stump Creek					250	250

City: Tamaqua, Pennsylvania

Facility: **ICI Explosives USA Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,250	750			255	2,255
Nitric acid	Schuylkill River	250	250			250	750
Nitroglycerin	Schuylkill River	250	250			5	505
Sulfuric acid	Schuylkill River	250	250				500
Copper	Schuylkill River	250					250
Zinc compounds	Schuylkill River	250					250

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Temple, Pennsylvania

Facility: **Giorgio Foods Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			14,300				14,300
Phosphoric acid	Willow Creek		14,300				14,300

City: Temple, Pennsylvania

Facility: **NGK Metals Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		283	229	145	114	47	818
Copper compounds	Laurel Run	260	220	140	110	45	775
Beryllium compounds	Laurel Run	23	9	5	4	2	43

City: Titusville, Pennsylvania

Facility: **Armco**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		906	2,255	2,255	1,520	500	7,436
Nickel compounds	Oil Creek	190	250	250	250	250	1,190
Copper compounds	Oil Creek	360	250	250	250		1,110
Chromium compounds	Oil Creek	90	250	250	250	250	1,090
Cobalt compounds	Oil Creek	100	250	250	250		850
Copper compounds	Church Run	56	250	250	250		806
Cobalt compounds	Church Run	29	250	250	250		779
Nickel compounds	Church Run	23	250	250	5		528
Manganese compounds	Oil Creek	20	250	250	5		525
Chromium compounds	Church Run	17	250	250	5		522
Manganese compounds	Church Run	6	5	5	5		21
Manganese compounds	Pine Creek	5					5
Cobalt compounds	Pine Creek	5					5
Nickel compounds	Pine Creek	5					5

City: Towanda, Pennsylvania

Facility: **Osram Sylvania Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		360,874	349,565	276,730	309,992	279,043	1,576,204
Ammonia	Susquehanna River	300,752	303,292	236,000	273,000	253,259	1,366,303
Molybdenum trioxide	Susquehanna River	59,136	41,496	36,000	32,000	20,709	189,341
Nickel compounds	Susquehanna River		2,126	2,200	2,100	1,701	8,127
Manganese compounds	Susquehanna River		1,447	1,400	1,500	1,300	5,647
Cobalt compounds	Susquehanna River	986	1,123	670	927	1,302	5,008
Zinc compounds	Susquehanna River			380	130	121	631
Copper compounds	Susquehanna River					334	334
Antimony compounds	Susquehanna River			50	50	159	259
Chromium	Susquehanna River				250		250
Chromium compounds	Susquehanna River					131	131
Barium compounds	Susquehanna River		30	30	35	27	122
Antimony	Susquehanna River		51				51

Source: Environmental Working Group. Compiled from U.S. Environmental Protection Agency, Toxics Release Inventory 1990-1994.

Page 46 of 53

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Trainer, Pennsylvania

Facility: **BP Exploration & Oil Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		32,040	44,171	66,972	66,988	79,419	289,590

City: Trainer, Pennsylvania

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
Ammonia	Delaware River	32,000	44,154	66,972	66,972	79,419	289,517
Toluene	Delaware River	16	10		5		31
Xylene (mixed isomers)	Delaware River	18			6		24
Benzene	Delaware River	6	7		2		15
1,2,4-Trimethylbenzene	Delaware River				2		2
Ethylbenzene	Delaware River				1		1

City: Transfer, Pennsylvania

Facility: **Greenville Metals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10	5	5	5	250	275
Copper	Shenango River	5	5	5	5	250	270
Zinc (fume or dust)	Shenango River	5					5

City: Walnutport, Pennsylvania

Facility: **American Nickeloid Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		23	510	65	50	24	672
Chromium	Lehigh River	5	250				255
Nickel	Lehigh River	1	250				251
Chromium compounds	Lehigh River			25	25	17	67
Nickel compounds	Lehigh River			20	20	5	45
Copper compounds	Lehigh River			5	5	1	11
Methyl ethyl ketone	Lehigh River	5	5				10
Nickel	Lehigh Canal	1	5				6
Chromium compounds	Lehigh Canal			5		1	6
Copper compounds	Lehigh Canal			5			5
Nickel compounds	Lehigh Canal			5			5
Chromium	Lehigh Canal	5					5
Toluene	Lehigh River	5					5
Copper	Lehigh River	1					1



Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Warren, Pennsylvania
Facility: **United Refining Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		15,898	26,505	8,505	8,505	54,505	113,918
Ammonia	Allegheny River		25,000	7,000	7,000	53,000	92,000
Ammonia	Glade Run	15,898					15,898
Benzene	Allegheny River		250	250	250	250	1,000
1,2,4-Trimethylbenzene	Allegheny River		250	250	250	250	1,000
Ethylbenzene	Allegheny River		250	250	250	250	1,000
Toluene	Allegheny River		250	250	250	250	1,000
Cyclohexane	Allegheny River		250	250	250	250	1,000
Xylene (mixed isomers)	Allegheny River		250	250	250	250	1,000
Propylene	Allegheny River		5	5	5	5	20

City: Warren, Pennsylvania
Facility: **Osram Sylvania Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		771	1,504	849	1,039	1,042	5,205
Nickel	Allegheny River	451	927	289	391	455	2,513
Copper	Allegheny River	272	425	362	546	504	2,109
Lead	Allegheny River	47	131	162	97	78	515
Zinc (fume or dust)	Allegheny River	1	16	31			48
Trichloroethylene	Allegheny River		5	5	5	5	20

City: Washington, Pennsylvania
Facility: **Molycorp Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		797	1,667	67	250	250	3,031
Molybdenum trioxide	Chartiers Creek	797		67	250	250	1,364
Sulfuric acid	Chartiers Creek		1,000				1,000
Molybdenum trioxide	Chartiers Creek		667				667

City: Washington, Pennsylvania
Facility: **Washington Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		525	557	60	95	518	1,755
Nickel compounds	Chartiers Creek	310	310	26	40	290	976
Chromium compounds	Chartiers Creek	170	195	27	43	180	615
Manganese compounds	Chartiers Creek	45	52	7	12	48	164

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Washington, Pennsylvania

Facility: **Jessop Steel Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		60	56	97	93	124	430
Nickel compounds	Chartiers Creek	30	31	61	59	74	255
Chromium compounds	Chartiers Creek	20	14	23	25	38	120
Copper compounds	Chartiers Creek	8	9	10	6	7	40
Manganese compounds	Chartiers Creek	2	2	3	3	5	15

City: Washington, Pennsylvania

Facility: **Cerdec Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			39	39	55	61	194
Antimony compounds	Chartiers Creek		17	17	20	23	77
Lead compounds	Chartiers Creek		14	14	17	19	64
Nickel compounds	Chartiers Creek		4	4	9	10	27
Copper compounds	Chartiers Creek		1	1	3	3	8
Cadmium compounds	Chartiers Creek		1	1	2	2	6
Chromium compounds	Chartiers Creek		1	1	2	2	6
Cobalt compounds	Chartiers Creek		1	1	2	2	6

City: West Chester, Pennsylvania

Facility: **Metallurgical Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						1,000	1,000
Manganese	Goose Creek, PA					250	250
Nickel	Goose Creek					250	250
Copper	Goose Creek					250	250
Phosphorus (yellow or white)	Goose Creek					250	250

City: West Chester, Pennsylvania

Facility: **Sartomer Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						130	130
Toluene	Goose Creek					130	130

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: West Elizabeth, Pennsylvania
 Facility: **Hercules Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15	265	2			282
Hydrochloric acid	Monongahela River		250				250
Toluene	Monongahela River	5	5	2			12
Ethylbenzene	Monongahela River	5	5				10
Xylene (mixed isomers)	Monongahela River		5				5
Phenol	Monongahela River	5					5

City: Westfield, Pennsylvania
 Facility: **Westfield Tanning Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		209	119	1,072	1,513	1,279	4,192
Ammonia	Cowanesque River	204	119	1,072	1,510	1,266	4,171
Phenol	Cowanesque River				3	13	16
Sulfuric acid	Cowanesque River	5					5

City: Wheatland, Pennsylvania
 Facility: **Wheatland Tube Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,750	1,500	1,505	1,005	1,505	7,265
Zinc compounds	Shenango River	250	750	750	250	750	2,750
Zinc (fume or dust)	Shenango River	750	250	250	250	250	1,750
Chromium compounds	Shenango River	250	250	250	250	250	1,250
Lead compounds	Shenango River	250	250	250	250	250	1,250
Sulfuric acid	Shenango River	250		5	5	5	265

City: Wheatland, Pennsylvania
 Facility: **Armco**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	64	250	250	57	871
Zinc compounds	Shenango River	250	64	250	250	57	871

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Williamsport, Pennsylvania

Facility: **Textron Lycoming**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		120	294	1,015	121	250	1,800
Ammonia	Lycoming Creek	75	250	250	25	19	619
Copper	Lycoming Creek			250	2	150	402
Ammonia	Cemetery Run			250	78	50	378
Methanol	Lycoming Creek	40	34	250	8	13	345
Trichloroethylene	Lycoming Creek	5	5	5	1	9	25
Copper	Cemetery Run			5	7	9	21
Trichloroethylene	Cemetery Run		5	5			10

City: Williamsport, Pennsylvania

Facility: **Williamsport Wirerope Works**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			5	5	5	250	265
Lead	Grafius Run		5	5	5	250	265

City: Williamstown, Pennsylvania

Facility: **AMP Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		19	28	13	14	250	324
Copper	Wiconisco Creek	19	28	13	14	250	324

City: Wrightsville, Pennsylvania

Facility: **Electro-Platers Of York Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		69	71	202	275	110	727
Zinc compounds	Susquehanna River	69	71	202	247	99	688
Cyanide compounds	Susquehanna River				28	11	39

City: York, Pennsylvania

Facility: **Harley-davidson Motor Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		281	765	765	7,210	760	9,781
1,1,1-Trichloroethane	Codorus Creek		250	250	6,700	250	7,450
Chromium	Codorus Creek	250	250	250	250	250	1,250
Nickel compounds	Codorus Creek	16	250	250	250	250	1,016
Methanol	Codorus Creek	5	5	5	5	5	25
Manganese	Codorus Creek	5	5	5	5	5	25
Chlorine	Codorus Creek	5	5	5			15

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: York, Pennsylvania

Facility: **Campbell Cooper Tools**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			265	265	265	265	1,060
Zinc compounds	Kreutz Creek		250	250	250	250	1,000
Nickel	Kreutz Creek		5	5	5	5	20
Chromium	Kreutz Creek		5	5	5	5	20
Copper	Kreutz Creek		5	5	5	5	20

City: York, Pennsylvania

Facility: **Mckay Welding Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				250	250		500
Manganese	Codorus Creek			250	250		500

City: York, Pennsylvania

Facility: **York Intl. Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		130	40	52	48	17	287
Nickel compounds	Codorus Creek	97	28	46	34	3	208
Copper compounds	Codorus Creek	33	12	6	14	14	79

City: York, Pennsylvania

Facility: **New York Wire Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5				255
Copper compounds	Codorus Creek	250	5				255

City: York, Pennsylvania

Facility: **Acco Chain & Lifting Products**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		75	35	20			130
Hydrochloric acid	Tyler Run	30	35	20			85
Sulfuric acid	Tyler Run	45					45

Table 9

Toxic water pollution in Pennsylvania

Companies reporting toxic discharges to water (1990-1994)

City: Youngwood, Pennsylvania

Facility: **Powerex Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5	8	12	5	280
Copper	Sewickly Creek	250	5	8	12	5	280