

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Addyston, Ohio

Facility: **Monsanto Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		207,821	429,378	291,216	99,244	191,898	1,219,557
Ammonia	Ohio River	170,000	200,000	190,000	1,200	4,100	565,300
Methanol	Ohio River	2,600	180,000	99,000	96,000	170,000	547,600
Formaldehyde	Ohio River	35,000	49,000	1,800	1,700	17,000	104,500
1,3-Butadiene	Ohio River	17	11	8	40	590	666
Methyl ethyl ketone	Ohio River	19	73	38	120	63	313
Antimony compounds	Ohio River		105	81	43	3	232
Styrene	Ohio River	31	26	86	17	44	204
Acrylonitrile	Ohio River	35	54	52	28	26	195
Barium compounds	Ohio River	57	51	68			176
Zinc compounds	Ohio River	28	24	54	28	28	162
n-Butyl alcohol	Ohio River			6	51	21	78
Butyl acrylate	Ohio River	11	12	13	10	10	56
Cadmium compounds	Ohio River	11	9	10	4	2	36
Maleic anhydride	Ohio River	6	6		3	6	21
Methyl methacrylate	Ohio River	5	6			5	16
Mercury compounds	Ohio River	1	1				2

City: Akron, Ohio

Facility: **Goodyear Tire & Rubber Co.**

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	250	1,250
Chlorine	Little Cuyahoga River	250	250	250	250	250	1,250

City: Akron, Ohio

Facility: **Republic Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		30	25	25	25	30	135
Antimony compounds	Little Cuyahoga River	5	5	5	5	5	25
Barium compounds	Little Cuyahoga River	5	5	5	5	5	25
Chromium compounds	Little Cuyahoga River	5	5	5	5	5	25
Lead compounds	Little Cuyahoga River	5	5	5	5	5	25
Zinc compounds	Little Cuyahoga River	5	5	5	5	5	25
Thiram	Little Cuyahoga River					5	5
Cadmium compounds	Little Cuyahoga River	5					5

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Alliance, Ohio

Facility: **Whitacre-Greer Fireproofing**

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

City: Alliance, Ohio

Facility: **Alliance Tubular 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	52	48	850
Zinc compounds	Ryan's Run	250	250	250	52	48	850

City: Archbold, Ohio

Facility: **Handy & Harman**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		255					255
Zinc (fume or dust)	Brush Creek	250					250
Lead	Brush Creek	5					5

City: Ashland, Ohio

Facility: **Abbott Laboratories**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		51	397	294	205	225	1,172
Zinc compounds	Town Run Creek	48	328	200	200	220	996
Ammonia	Town Run Creek		64	89			153
Di-(2-ethylhexyl) phthalate	Town Run Creek	3	5	5	5	5	23

City: Ashtabula, Ohio

Facility: **Elkem Metals Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10,434	25,373	130,455	26,013	200	192,475
Chlorine	Lake Erie	10,429	25,373	130,000	26,000	200	192,002
Manganese	Lake Erie			430	5		435
Chromium	Lake Erie			25	8		33
Manganese compounds	Lake Erie	5					5

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Ashtabula, Ohio

Facility: **L-tec Welding & Cutting Sys.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,372	1,107	1,208	969	5,432	10,088
Manganese compounds	Lake Erie	1,352	1,100	1,200	910	5,400	9,962
Copper compounds	Lake Erie	20	7	8	59	32	126

City: Ashtabula, Ohio

Facility: **Vygen Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,551	2,555	1,255			6,361
Vinyl acetate	Fields Brook	2,046	2,050	750			4,846
Vinyl chloride	Fields Brook	250	250	250			750
Trichloroethylene	Fields Brook	250	250	250			750
Sulfuric acid	Fields Brook	5	5	5			15

City: Ashtabula, Ohio

Facility: **Scm Chemicals Americas**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		80				6,000	6,080
Manganese compounds	Fields Brook					6,000	6,000
Hydrochloric acid	Fields Brook	80					80

City: Ashtabula, Ohio

Facility: **Rmi Titanium Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		337	232	15	82	13	679
Copper	Fields Brook	203	200	5	51	13	472
Chlorine	Fields Brook	119	32	10	31		192
Chlorine	Unknown	15					15

City: Ashtabula, Ohio

Facility: **Scm Chemicals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		500	35				535
Hydrochloric acid	Fields Brook	250	35				285
Sulfuric acid	Fields Brook	250					250

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Ashtabula, Ohio

Facility: **Detrex Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		500					500
Hydrochloric acid	Fields Brook	250					250
Chlorine	Fields Brook	250					250

City: Auburn Township, Ohio

Facility: **Johnsonite**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					250	140	390
Barium compounds	Unknown				250	140	390

City: Barberton, Ohio

Facility: **Preferred Rubber Compounding**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					100	100	200
Zinc compounds	Mud Run				100	100	200

City: Belpre, Ohio

Facility: **Shell Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		58,755	53,762	52,693	4,017	13,549	182,776
Ammonia	Ohio River	56,000	51,000	50,000	700	1,100	158,800
Methanol	Ohio River	1,700	1,700	1,700	2,500	2,200	9,800
Styrene	Ohio River		5	5	11	5,000	5,021
Cyclohexane	Ohio River	510	520	450	11	2,500	3,991
1,2-Dibromoethane	Ohio River					2,500	2,500
Chlorine	Ohio River	354	320	330	460	99	1,563
Nickel compounds	Ohio River	150	120	150	190	35	645
Zinc compounds	Ohio River	39	92	53	140	110	434
Ethylbenzene	Ohio River	2	5	5	5	5	22

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Brook Park, Ohio

Facility: **S. K. Wellman Ltd. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					750	1,000	1,750
Lead	Big Creek				250	250	500
Copper	Big Creek				250	250	500
Zinc (fume or dust)	Big Creek				250	250	500
Nickel	Big Creek					250	250

City: Cambridge, Ohio

Facility: **Champion Spark Plug Co.**

		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	5	760
Copper compounds	Crooked Creek	250	250	250	5	5	760

City: Canton, Ohio

Facility: **Ashland Petroleum Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,720	15,520	11,141	7,366	2,565	41,312
Ammonia	Herford Run		11,000	10,948	5,633		27,581
Ammonia	Hurford Run	4,200				278	4,478
Ethylene	Herford Run		1,400	15	524		1,939
1,3-Butadiene	Herford Run		1,400	15	524		1,939
Propylene	Herford Run		1,400	15	524		1,939
Ethylene	Hurford Run	14				612	626
1,3-Butadiene	Hurford Run	14				612	626
Propylene	Hurford Run	14				612	626
Zinc compounds	Hurford Run					298	298
Cumene	Herford Run		175	8	9		192
Nickel	Hurford Run	168					168
Chromium	Hurford Run	168					168
Naphthalene	Herford Run		29	29	17	20	95
Biphenyl	Herford Run		29	29	17		75
1,2,4-Trimethylbenzene	Herford Run		29	29	17		75
Xylene (mixed isomers)	Herford Run		23	9	27		59
Xylene (mixed isomers)	Hurford Run	14				32	46
Cyclohexane	Herford Run		7	10	11		28
Cobalt	Hurford Run	28					28
Cyclohexane	Hurford Run	14				13	27
Benzene	Hurford Run	14				11	25
Ethylbenzene	Hurford Run	14				11	25
Styrene	Herford Run		7	9	9		25
Styrene	Hurford Run	14				11	25
Toluene	Herford Run		7	9	9		25
Toluene	Hurford Run	14				11	25
Benzene	Herford Run		7	8	9		24
Ethylbenzene	Herford Run		7	8	9		24
1,2,4-Trimethylbenzene	Hurford Run	1				20	21
1,1,1-Trichloroethane	Herford Run				17		17
Naphthalene	Hurford Run	14					14

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

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Companies reporting toxic discharges to water (1990-1994)

City: Canton, Ohio

Facility: **Ashland Petroleum Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		4,720	15,520	11,141	7,366	2,565	41,312
Cumene	Hurford Run	14					14
Carbon tetrachloride	Hereford Run					12	12
1,1,1-Trichloroethane	Hurford Run					12	12
Carbon tetrachloride	Herford Run				10		10
Biphenyl	Hurford Run	1					1

City: Canton, Ohio

Facility: **Republic Engineered Steels**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		736	925	853	673	657	3,844
Manganese compounds	Nimishillen Creek	500	720	430	320	270	2,240
Zinc compounds	Nimishillen Creek	120	94	290	240	250	994
Nickel compounds	Nimishillen Creek	42	66	51	51	56	266
Chromium compounds	Nimishillen Creek	19	6	38	38	43	144
Lead compounds	Nimishillen Creek	25	5	21	17	32	100
Copper compounds	Nimishillen Creek	28	31	22	7	6	94
Cobalt compounds	Nimishillen Creek	2	3	1			6

City: Canton, Ohio

Facility: **Timken Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		949	598	599	946	292	3,384
Nickel	Hurford Run	790	510	500	788	207	2,795
Copper	Hurford Run		51	48	93	59	251
Chromium	Hurford Run	78	31	49	48	15	221
Copper	Unknown	78					78
Lead	Hurford Run		6	2	17	11	36
Lead	Unknown	3					3

City: Canton, Ohio

Facility:

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			360	363	297	148	1,168
Nickel	Hurford Run		340	330	280	138	1,088
Chromium	Hurford Run		20	33	17	10	80

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Canton, Ohio

Facility: **Timken Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				770			770
Sulfuric acid	Domer Ditch			770			770

City: Canton, Ohio

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		126	104	110	95	54	489
Nickel	Hurford Run	97	94	92	79	38	400
Copper	Hurford Run	8	9	9	9	11	46
Chromium	Hurford Run	8		9	5	3	25
Lead	Hurford Run	13	1				14
Lead	Hurford Stream				2	2	4

City: Celina, Ohio

Facility: **Huffy Bicycle Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		34,250	250				34,500
Phosphoric acid	Waugh Ditch	18,000					18,000
Hydrochloric acid	Waugh Ditch	16,000					16,000
Barium compounds	Waugh Ditch	250	250				500

City: Chagrin Falls, Ohio

Facility: **Ivex Of Ohio Onc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,743					3,743
Formaldehyde	Chagrin River	3,743					3,743

City: Chagrin Falls, Ohio

Facility: **Stock Equipment Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Chromium	Chagrin River					250	250

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Chillicothe, Ohio

Facility: **Mead Fine Paper Div.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		37,050	25,700	20,250	32,715	120,360	236,075
Ammonia	Paint Creek	30,000	21,900	16,000	26,000	9,600	103,500
Methanol	Paint Creek	950	1,550	2,400	560	98,000	103,460
Ethylene glycol	Paint Creek					10,000	10,000
Chloroform	Paint Creek	1,700	1,600	1,500	820	1,300	6,920
Zinc compounds	Paint Creek				5,100	440	5,540
Acetone	Paint Creek	4,300	500	200	230		5,230
Acetaldehyde	Paint Creek					900	900
Catechol	Paint Creek	100	140	140	5	60	445
Formaldehyde	Paint Creek					60	60
Methyl ethyl ketone	Paint Creek		10	10			20

City: Cincinnati, Ohio

Facility: **Trinity Ind. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,100	12,321				24,421
Nitric acid	East Fork Of Mill Creek	12,100	12,321				24,421

City: Cincinnati, Ohio

Facility: **Senco Prods. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					1,930	2,840	4,770
Zinc compounds	Unknown				1,930	2,840	4,770

City: Cincinnati, Ohio

Facility: **Formica Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		400	1,144	442	99	813	2,898
Phenol	Mill Creek	400	1,144	442	99	813	2,898

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Cincinnati, Ohio

Facility: **Ge Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		811	926	344	353	420	2,854
1,1,1-Trichloroethane	East Fork Mill Creek	620	610	10			1,240
Chromium compounds	East Fork Mill Creek	120	220	230			570
Chromium	Mill Creek					240	240
Nickel compounds	East Fork Mill Creek	51	90	97			238
Chromium compounds	Mill Creek				230		230
Cobalt	Mill Creek					120	120
Nickel compounds	Mill Creek				96		96
Nickel	Mill Creek					60	60
1,1,1-Trichloroethane	Mill Creek				20		20
Cobalt compounds	East Fork Mill Creek	4	6	7			17
1,4-Dioxane	East Fork Mill Creek	16					16
Cobalt compounds	Mill Creek				7		7

City: Cincinnati, Ohio

Facility: **Shepherd Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				412	391	421	1,224
Zinc compounds	Duck Creek			236	224	242	702
Cobalt compounds	Duck Creek			104	98	106	308
Nickel compounds	Duck Creek			18	17	18	53
Copper compounds	Duck Creek			17	16	18	51
Chromium compounds	Duck Creek			15	14	15	44
Cadmium compounds	Duck Creek			11	11	11	33
Lead compounds	Duck Creek			11	11	11	33

City: Cincinnati, Ohio

Facility: **Borden Packaging & Indl.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	153	143	96	104	996
Barium compounds	Mill Creek		153	143	96	104	496
Copper	Mill Creek	250					250
Barium	Mill Creek	250					250

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Cincinnati, Ohio

Facility: **Valvoline Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5		250	250	35	540
Zinc compounds	Ohio River	5		250	250	35	540

City: Circleville, Ohio

Facility: **Du Pont**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		43,955	47,227	44,729	161,413	36,439	333,763
Ethylene glycol	Scioto River	38,540	40,362	39,182	152,022	35,780	305,886
1,4-Dioxane	Scioto River	4,390	4,400	4,700	8,400		21,890
Biphenyl	Scioto River	250	1,592	5	5	2	1,854
4,4'-Diaminodiphenyl ether	Scioto River	250	337	312	216	217	1,332
Acetaldehyde	Scioto River	250	250	246	200	200	1,146
Dichloromethane	Scioto River	250	250	256	256	2	1,014
Pyridine	Scioto River	5	5	5	295	225	535
Antimony compounds	Scioto River	5	10	10	6	6	37
Methanol	Scioto River	5	5	6	6	6	28
Acetone	Scioto River	5	6	6	6		23
Acetamide	Scioto River	5	5	1	1	1	13
Chlorine	Scioto River		5				5

City: Circleville, Ohio

Facility: **Jefferson Smurfit Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		8,900		91	580	1,900	11,471
Ammonia	Scioto River	8,900		91	580		9,571
Methanol	Scioto River					1,900	1,900

City: Circleville, Ohio

Facility: **Thomson Consumer Electronics**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		510	168	434	456	480	2,048
Antimony compounds	Scioto River			370	361	394	1,125
Lead compounds	Un-named Tributary Of The	250	75				325
Barium compounds	Un-named Tributary Of The	250	5				255
Lead compounds	Scioto River			59	47	71	177
Antimony compounds	Un-named Tributary Of The	5	88				93
Barium compounds	Scioto River			5	48	15	68
Nickel compounds	Un-named Tributary Of Thr	5					5

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Circleville, Ohio

Facility: **Ppg 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
Ethylene glycol	Scippo Creek	250					250

City: Cleveland, Ohio

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		1,455,672	629,274	274,974	2,437	3,303	2,365,660
Ammonia	Cuyahoga River	1,440,655	610,000	270,000			2,320,655
Phenol	Cuyahoga River	12,045	16,000	2,700			30,745
Zinc compounds	Cuyahoga River	1,999	2,300	1,300	2,000	2,873	10,472
Chromium compounds	Cuyahoga River	606	610	610	240	234	2,300
Nickel compounds	Cuyahoga River	303	300	300	100	99	1,102
Manganese compounds	Cuyahoga River	64	64	64	64	64	320
Antimony compounds	Cuyahoga River				33	33	66

City: Cleveland, Ohio

Facility: **Ferro Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				153,851	71,602	48	225,501
Ammonia	Burke Brook			150,000	71,000		221,000
Lead compounds	Burke Brook			1,300	210	5	1,515
Barium compounds	Burke Brook			670	88	30	788
Manganese compounds	Burke Brook			600	100		700
Nickel compounds	Burke Brook			440	80	4	524
Zinc compounds	Burke Brook			380	60	9	449
Cobalt compounds	Burke Brook			320	40		360
Copper compounds	Burke Brook			82	18		100
Antimony compounds	Burke Brook			39	4		43
Cadmium compounds	Burke Brook			19	2		21
Chromium compounds	Burke Brook			1			1

City: Cleveland, Ohio

Facility: **Zaclon Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		13,772	10,750	11,405	12,060	8,360	56,347
Ammonia	Cuyahoga River	11,793	9,000	10,400	11,300	7,600	50,093
Zinc compounds	Cuyahoga River	974		250		250	1,474
Zinc (fume or dust)	Cuyahoga River		750		250		1,000
Chromium compounds	Cuyahoga River	250		250	250	250	1,000
Copper compounds	Cuyahoga River	250		250	250	250	1,000
Lead compounds	Cuyahoga River	250	250	250	5	5	760
Barium compounds	Cuyahoga River	250		5	5	5	265
Barium	Cuyahoga River		250				250
Chromium	Cuyahoga River		250				250

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

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Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Cleveland, Ohio

Facility: **Zaclon Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		13,772	10,750	11,405	12,060	8,360	56,347
Copper	Cuyahoga River		250				250
Cadmium compounds	Cuyahoga River	5					5

City: Cleveland, Ohio

Facility: **Goodyear**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,900					2,900
Zinc compounds	Nine Mile Creek	2,900					2,900

City: Cleveland, Ohio

Facility: **Engelhard Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		586	499	333	186	265	1,869
Nickel compounds	Cuyahoga River	515	464	313	166	250	1,708
Copper compounds	Cuyahoga River	40	5	5	5		55
Copper compounds	Big Creek		5	5	5	5	20
Nickel compounds	Big Creek		5	5	5	5	20
Zinc compounds	Cuyahoga River	16					16
Zinc compounds	Big Creek		5	5	5		15
Ammonia	Big Creek	5	5				10
Ammonia	Cuyahoga River	5	5				10
Sulfuric acid	Cuyahoga River	5	5				10
Chromium compounds	Big Creek					5	5

City: Cleveland, Ohio

Facility: **Grec-co Metal Finishers Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		500					500
Hydrochloric acid	Unknown	250					250
Cyanide compounds	Unknown	250					250

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Cleveland, Ohio

Facility: **Nasa Lewis Research Center**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250				500
Ethylene glycol	Rocky River	250	250				500

City: Cleveland, Ohio

Facility: **Alcoa**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				69	29	306	404
Hydrogen fluoride	Cuyahoga River					300	300
Copper	Cuyahoga River			26	21		47
Manganese	Cuyahoga River			37			37
Nickel	Cuyahoga River			6	5	2	13
Chromium	Cuyahoga River				3	1	4
Copper compounds	Cuyahoga River					3	3

City: Cleveland, Ohio

Facility: **North American Mfg.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Aluminum oxide (fibrous)	Mill Creek					250	250

City: Columbiana, Ohio

Facility: **National Refractories &**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	250	250	250	1,250
Chromium compounds	Cherry Creek		250	250	250	250	1,000
Chromium compounds	Cherry Creek	250					250

City: Columbus, Ohio

Facility: **Oi-Neg TV Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,710	368	494	1,137	1,120	6,829
Hydrogen fluoride	Scioto River	3,300					3,300
Lead compounds	Scioto River		340	460	1,100	870	2,770
Antimony compounds	Scioto River		28	34	37	250	349
Lead	Scioto River	230					230
Antimony	Scioto River	180					180

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Columbus, Ohio

Facility: **Mcdonnell Douglas Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		4,545					4,545
Nitric acid	Mason Run	3,890					3,890
Chromium compounds	Mason Run	650					650
Dichloromethane	Mason Run	5					5

City: Columbus, Ohio

Facility: **Electric Heat Treating Co.**

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

City: Columbus, Ohio

Facility: **Columbus Coated Fabrics**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				89	85	70	244
Barium compounds	Olentangy River			24	23	19	66
Zinc compounds	Olentangy River			23	22	18	63
Antimony compounds	Olentangy River			21	20	17	58
Lead compounds	Olentangy River			12	11	9	32
Chromium compounds	Olentangy River			6	6	5	17
Cadmium compounds	Olentangy River			3	3	2	8

City: Coshocton, Ohio

Facility: **Stone Container Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,342	1,592	1,984	1,552	1,646	8,116
Ammonia	Tuscarawas River	1,342	1,592	1,592	1,552	1,646	7,724
Phosphoric acid	Tuscarawas River			392			392

City: Coshocton, Ohio

Facility: **Armco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,515	1,439	1,367	1,468	1,134	6,923
Manganese compounds	Muskingum River	750	750	750	750	458	3,458
Nickel compounds	Muskingum River	250	323	263	351	382	1,569
Chromium compounds	Muskingum River	250	172	232	246	265	1,165
Copper compounds	Muskingum River	250	194	122	121	29	716
Sulfuric acid	Muskingum River	5					5
Nitric acid	Muskingum River	5					5
Hydrogen fluoride	Muskingum River	5					5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Coshocton, Ohio

Facility: **Ge Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		167	175	56	20	24	442
Copper	Muskingum River	149	75	56	20	24	324
Hydrochloric acid	Muskingum River		100				100
Phenol	Muskingum River	18					18

City: Cuyahoga Heights, Ohio

Facility: **American Steel & Wire Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		265	265	265	20	20	835
Zinc compounds	Cuyahoga River	250	250	250	5	5	760
Manganese	Cuyahoga River	5	5	5	5	5	25
Nickel	Cuyahoga River	5	5	5	5	5	25
Chromium	Cuyahoga River	5	5	5	5	5	25

City: Dayton, Ohio

Facility: **Delphi Chassis Sys.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		71	98	129	89	25	412
Zinc compounds	Wolf Creek	70	42	129	84		325
Chromium compounds	Wolf Creek		51				51
Chromium	Wolf Creek				2	25	27
Lead compounds	Wolf Creek	1	5				6
Manganese	Wolf Creek				3		3

City: Dayton, Ohio

Facility: **General Motors Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					63	62	125
Zinc compounds	Great Miami River				54	52	106
Copper compounds	Great Miami River				8	7	15
Lead compounds	Great Miami River				1	3	4

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Defiance, Ohio

Facility: **GM Powertrain Defiance**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		87,327	71,062	27,535	22,265	9,244	217,433
Ammonium sulfate (solution)	Maumee River	34,000	31,000	5,200	6,100	7	76,307
Ammonium nitrate (solution)	Maumee River	34,000	28,000	450	1,400	1	63,851
Ammonia	Maumee River	14,000	11,000	17,000	12,000	8,600	62,600
Manganese compounds	Maumee River	2,900	590	1,900	450	420	6,260
Formaldehyde	Maumee River	1		1,800	1,600		3,401
Zinc compounds	Maumee River	2,000	260	630	390		3,280
Lead compounds	Maumee River	42	110	170	130	110	562
Nickel	Maumee River			250	37	29	316
Copper compounds	Maumee River	69	56	80	63	39	307
Glycol ethers	Maumee River	250	5				255
Phenol	Maumee River	19	7	26	31	14	97
1,1,1-Trichloroethane	Maumee River	8	5	5	48		66
Chromium compounds	Maumee River	8	8	5	5	4	30
Methanol	Maumee River	9		8	6	4	27
Nickel compounds	Maumee River	13	11				24
Ethylene glycol	Maumee River	8		3	2	1	14
Naphthalene	Maumee River		10				10
Diethanolamine	Maumee River			5	1	1	7
Bis(2-ethylhexyl) adipate	Maumee River			3	2	1	6
Cresol (mixed isomers)	Maumee River					5	5
Benzene	Maumee River					4	4
Toluene	Maumee River					4	4

City: Delphos, Ohio

Facility: **Central Soya Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250					250
Chlorine	Miami-Erie Canal	250					250

City: Dover, Ohio

Facility: **Union Camp Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		14,431	17,126	12,104	9,751	11,431	64,843
Ammonia	Tuscarawas River	13,000	9,700	8,600	8,300	10,400	50,000
Nickel compounds	Tuscarawas River		5,700	1,800	800	480	8,780
Cyclohexane	Tuscarawas River	450	500	1,200	120	1	2,271
n-Butyl alcohol	Tuscarawas River	790	230	220	230	270	1,740
Methanol	Tuscarawas River	78	120	220	230	270	918
Dibutyl phthalate	Tuscarawas River	8	800	22	23		853
Acetone	Tuscarawas River	27	36	40	44		147
Bis(2-ethylhexyl) adipate	Tuscarawas River	30	38			5	73
Toluene	Tuscarawas River	33	2	2	2	3	42
Glycol ethers	Tuscarawas River	15					15
Xylene (mixed isomers)	Tuscarawas River				2	1	3
Ethylbenzene	Tuscarawas River					1	1

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Dover, Ohio

Facility: **Armco Inc. Dover Operations**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10,389	10,358	11,849	12,693	96	45,385

City: Dover, Ohio

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
Aluminum (fume or dust)	Tuscarawas River	10,221	10,221	11,682	12,485		44,609
Zinc (fume or dust)	Tuscarawas River	140	122	149	205	96	712
Lead	Tuscarawas River	28	15	18	3		64

City: East Sparta, Ohio

Facility: **Romany Ceramics**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,961	1,000	1,000	1,000		5,961
Zinc compounds	Unknown	2,267					2,267
Zinc compounds	Nimishillen Creek			750	750		1,500
Barium	Nimishillen Creek		250	250	250		750
Zinc (fume or dust)	Nimishillen Creek		750				750
Barium compounds	Nimishillen Creek	694					694

City: Edgerton, Ohio

Facility: **Edgerton Metal Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260					260
Nickel compounds	St. Joseph River	250					250
Aluminum (fume or dust)	St. Joseph River	5					5
Zinc compounds	St. Joseph River	5					5

City: Elmore, Ohio

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		2,091	2,405	4,771	3,026	1,691	13,984
Ammonia	Hyde Run Ditch	1,920	2,100	4,600	2,790	1,520	12,930
Copper	Hyde Run Ditch	101	140	88	89	91	509
Nickel	Hyde Run Ditch	41	75	54	127	52	349
Beryllium	Hyde Run Ditch	29	90	29	19	27	194
Tetrachloroethylene	Hyde Run Ditch				1	1	2

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Elyria, Ohio

Facility: **Engelhard Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				494	2,250	432	3,176
Molybdenum trioxide	Black River				250	250	500
Antimony compounds	Black River			154	250	10	414
Copper compounds	Black River			96	250	36	382
Zinc compounds	Black River			61	250	45	356
Nickel compounds	Black River			65	250	16	331
Barium compounds	Black River			49	250	15	314
Chromium compounds	Black River			29	250	21	300
Manganese compounds	Black River			30	250	8	288
Cobalt compounds	Black River			10	250	5	265
Phosphoric acid	Black River					21	21
Ammonia	Black River					5	5

City: Elyria, Ohio

Facility: **Elyria Fndy. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				260	260	15	535
Copper	Black River			250	250	5	505
Nickel	Black River			5	5	5	15
Chromium	Black River			5	5	5	15

City: Elyria, Ohio

Facility: **Moen Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						230	230
Copper	Black River					190	190
Lead	Black River					40	40

City: Euclid, Ohio

Facility: **Ge Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	900	890	380	130	3,050
Ammonia	Euclid Creek	750	900	890	380	130	3,050

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Euclid, Ohio

Facility: **Pmx Ohio Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			338	423	1,047	32	1,840
Zinc (fume or dust)	Lake Erie			245	706		951
Copper	Lake Erie		222	178	329	30	759
Zinc compounds	Lake Erie		116				116
Lead	Lake Erie				12	2	14

City: Fernald, Ohio

Facility: **U.S. DOE Fernald Environmental**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,400	150	150	900	650	4,250
Methanol	Great Miami River	2,400	150	150	900	650	4,250

City: Fernald, Ohio

Facility: **Albright & Wilson Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	250	250	250	1,250
Ammonia	Great Miami River	250		250	250	250	1,000
Ammonia	Miami River		250				250

City: Findlay, Ohio

Facility: **Cooper Tire Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			100	60	60	50	270
Zinc compounds	Blanchard River		100	60	60	50	270

City: Forest, Ohio

Facility: **Parker Hannifin Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				252	1		253
Nitric acid	Shaefer Ditch			250			250
Trichloroethylene	Shaefer Ditch			1	1		2
Chromium compounds	Shaefer Ditch			1			1

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Franklin, Ohio

Facility: **Pharmacia Hepar Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				153	5,049	250	5,452
Sulfuric acid	Greens Run				5,049		5,049
Methanol	Clear Creek					250	250
Sulfuric acid	Clear Creek			153			153

City: Gnadenhutten, Ohio

Facility: **Amerimark Building Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260	81	18	50		409
Chromium compounds	Tuscarawas River	250	71	18	50		389
Hydrogen fluoride	Tuscarawas River	5	5				10
Nitric acid	Tuscarawas River	5	5				10

City: Grafton, Ohio

Facility: **Larson Fndy. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			12	255	255	255	777
Manganese	Black River		11	250	250	250	761
Chromium	Black River			5	5	5	15
Chromium	E. Branch Of Black River		1				1

City: Greensburg, Ohio

Facility: **Goodyear Tire & Rubber Co.**

		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	Tuscarawas River					250	250

City: Greenville, Ohio

Facility: **Corning Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,880	2,800	1,200			6,880
Ethylene glycol	Greenville Creek	2,880	2,800	1,200			6,880

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Gypsum, Ohio

Facility: **U.S. Gypsum Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		67	41	49	18	27	202
Ethylene glycol	Sandusky Bay	67	41	49	18	27	202

City: Hamilton, Ohio

Facility: **Armco Steel Co. L.p.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Chlorine	Great Miami River	250					250

City: Hartville, Ohio

Facility: **Monarch Indl. Tire Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5	5	5	5	270
Zinc compounds	Unnamed Ditch To Congress	250					250
Zinc compounds	Unnamed Ditch To Tuscarawas		5	5	5	5	20

City: Hartville, Ohio

Facility: **North American Molded Prods.**

		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	Swartz Ditch	250					250

City: Haverhill, Ohio

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		255	7	64	2,092	224	2,642
Ammonia	Ohio River				2,000		2,000
4,4'-Isopropylidenediphenol	Ohio River	250		64		16	330
Aniline	Ohio River					123	123
4,4'-Isopropylidenediphenol	Ohio River				87		87
Phenol	Ohio River	5	7			52	64
Ammonia	Ohio River					33	33
Phenol	Ohio River				5		5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Holland, Ohio

Facility: **Johnson Controls Battery Group**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250		5		5	260
Lead	Swan Creek	250					250
Lead compounds	Swan Creek			5		5	10

City: Hudson, Ohio

Facility: **Lucerne Prods. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		17,799	22,344				40,143
Sulfuric acid	Brandywine Creek	4,500	9,360				13,860
Hydrochloric acid	Brandywine Creek	4,500	4,920				9,420
Hydrogen fluoride	Brandywine Creek	3,800	2,980				6,780
Nitric acid	Brandywine Creek	2,478	3,420				5,898
Ammonia	Brandywine Creek	2,016	1,664				3,680
Nitric acid	Cuyahoga River	250					250
Sulfuric acid	Cuyahoga River	250					250
Hydrogen fluoride	Cuyahoga River	5					5

City: Huron, Ohio

Facility: **Glidden Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		174	115	409	65	1,071	1,834
Glycol ethers	Huron River	73	77	130	38	950	1,268
Zinc compounds	Huron River	12		250	1	2	265
Ethylene glycol	Huron River	53	21	16	15	14	119
Zinc compounds	Winkler's Ditch					35	35
Chromium compounds	Huron River	5		5	5		15
Xylene (mixed isomers)	Huron River	6	5				11
Copper compounds	Huron River	6			5		11
n-Butyl alcohol	Huron River	5				5	10
Toluene	Huron River	1	7				8
Ammonia	Huron River	5		2	1		8
Methyl ethyl ketone	Huron River	5	1				6
Methyl methacrylate	Huron River					5	5
1,2,4-Trimethylbenzene	Huron River					5	5
1,2,4-Trimethylbenzene	Winkler's Ditch					5	5
Ethylbenzene	Winkler's Ditch					5	5
Styrene	Huron River					5	5
Ethylene glycol	Winkler's Ditch					5	5
Methyl isobutyl ketone	Huron River					5	5
Methyl isobutyl ketone	Winkler's Ditch					5	5
Toluene	Winkler's Ditch					5	5
Ethyl acrylate	Huron River					5	5
Butyl acrylate	Huron River					5	5
Xylene (mixed isomers)	Winkler's Ditch					5	5
Glycol ethers	Winkler's Ditch					5	5
Formaldehyde	Huron River	1	1	2			4
Vinyl acetate	Huron River			4			4

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

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Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Huron, Ohio
Facility: **Glidden Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		174	115	409	65	1,071	1,834
Naphthalene	Huron River		3				3
Lead compounds	Huron River	2					2

City: Ironton, Ohio
Facility: **Allied-Signal Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,515	5,150	305	190	125	8,285
Quinoline	Ohio River	5	2,650	60	35	20	2,770
Phenol	Ohio River	250	250	160	45	25	730
Naphthalene	Ohio River	250	250	30	25	25	580
Cresol (mixed isomers)	Ohio River	250	250	5	30	20	555
Toluene	Ohio River	250	250	5	25	5	535
Benzene	Ohio River	250	250	20	5	5	530
Biphenyl	Ohio River	250	250	5	5	5	515
Styrene	Ohio River	250	250	5	5	5	515
Anthracene	Ohio River	250	250	5	5	5	515
Dibenzofuran	Ohio River	250	250	5	5	5	515
Xylene (mixed isomers)	Ohio River	250	250	5	5	5	515
Creosote	Ohio River	5					5
Methanol	Ohio River	5					5

City: Ironton, Ohio
Facility: **Ironton Iron Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			3	425	85	3	516
Phenol	Ohio River			350	72	1	423
Zinc compounds	Ohio River			65	8	1	74
Copper	Ohio River		3	10	5	1	19

City: Jackson, Ohio
Facility: **OscO Ind. Inc.**

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	1,000
Manganese compounds	Little Salt Creek		250	250	250	250	1,000

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Kenton, Ohio

Facility: **Occidental Chemical Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		125	60	52	28	6	271
Zinc compounds	Taylor Creek	83	40	26	28	6	183
Phenol	Taylor Creek	42	20	26			88

City: Kettering, Ohio

Facility: **Delco Chassis Div.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		67	260	500	77	40	944
Chromium compounds	Little Beaver Creek	21		250	16	2	289
Copper compounds	Little Beaver Creek	21	250				271
Sulfuric acid	Little Beaver Creek			250			250
Copper	Little Beaver Creek				37	22	59
Nickel	Little Beaver Creek				16	11	27
Nickel compounds	Little Beaver Creek	17					17
Lead	Little Beaver Creek				8	5	13
Lead compounds	Little Beaver Creek	8					8
Chromium compounds	Unnamed Tributary To Little		5				5
Nickel compounds	Unnamed Tributary To Little		5				5

City: Lebanon, Ohio

Facility: **Cincinnati Milacron Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		103	85	67	41	24	320
Copper	Turtle Creek	103	85	67	41	24	320

City: Lima, Ohio

Facility: **BP Chemicals Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		78,355	60,455	62,860			201,670
Ammonia	Ottawa River	69,000	50,000	56,000			175,000
Ethylene glycol	Ottawa River	4,000	5,600	2,500			12,100
Hydroquinone	Ottawa River	3,600	3,600	3,600			10,800
Chlorine	Ottawa River	750	250	250			1,250
Hydrogen cyanide	Ottawa River	250	250	250			750
Chromium compounds	Ottawa River	250	250	250			750
Acetonitrile	Ottawa River	250	250				500
Acrylonitrile	Ottawa River	250	250				500
Diethanolamine	Ottawa River	5	5	5			15
Formaldehyde	Ottawa River			5			5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Lima, Ohio

Facility: **Arcadian Ohio L.p.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					45,360	36,910	82,270
Methanol	Ottawa River				38,000	33,000	71,000
Ammonia	Ottawa River				3,500	3,400	6,900
Hydroquinone	Ottawa River				3,600	250	3,850
Chlorine	Ottawa River				250	250	500
Formaldehyde	Ottawa River				5	5	10
Diethanolamine	Ottawa River				5	5	10

City: Lima, Ohio

Facility: **BP Oil Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		9,475	10,560	4,400	4,300	3,900	32,635
Ammonia	Ottawa River	8,700	10,000	4,400	4,300	3,900	31,300
Chromium compounds	Ottawa River	750					750
Chromium	Ottawa River		560				560
Toluene	Ottawa River	5					5
Ethylbenzene	Ottawa River	5					5
Carbon tetrachloride	Ottawa River	5					5
Benzene	Ottawa River	5					5
Xylene (mixed isomers)	Ottawa River	5					5

City: Lorain, Ohio

Facility: **USS/Kobe Steel Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		20,700	711,600	212,300	25,000	14,000	983,600
Ethylene glycol	Black River		630,000	170,000			800,000
Diethanolamine	Black River		61,000	19,000	25,000	14,000	119,000
Manganese compounds	Black River	15,000	18,000	20,000			53,000
Lead compounds	Black River	4,400	1,200	1,400			7,000
Chromium compounds	Black River	1,300	1,400	1,900			4,600

City: Lorain, Ohio

Facility: **Western Reserve Mfg. Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		510	14,000	755	516	71	15,852
Copper	Black River		7,400	250	250		7,900
Zinc (fume or dust)	Black River		6,100	250	250	25	6,625
Lead	Black River		250	250	11		511
Nickel	Black River		250	5	5		260
Copper	Black River	250					250
Lead	Black River	250					250
Copper compounds	Black River					33	33
Lead compounds	Black River					12	12
Nickel	Black River	5					5

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

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Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Lorain, Ohio

Facility: **Western Reserve Mfg. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		510	14,000	755	516	71	15,852
Phosphorus (yellow or white)	Black River	5					5
Nickel compounds	Black River					1	1

City: Louisville, Ohio

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	377	755	709	3,341
Nickel	Nimishillen Creek	250	250	190	480	349	1,519
Chromium	Nimishillen Creek	250	250	170	250	327	1,247
Manganese	Nimishillen Creek	250	250	17	25	33	575

City: Mansfield, Ohio

Facility: **Armco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,101	269	220	293	243	2,126
Copper	Rocky Fork	881	125	73	128	64	1,271
Nickel	Rocky Fork	87	59	46	85	67	344
Lead	Rocky Fork	74	52	68	59	36	289
Zinc (fume or dust)	Rocky Fork	58	32	32	20	64	206
Chromium	Rocky Fork	1	1	1	1	12	16

City: Mansfield, Ohio

Facility: **Bunting Bearings Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Copper	Kody Creek Via Storm Sewers	250					250

City: Marietta, Ohio

Facility: **Elkem Metals Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,163,543	3,136,200	3,033,700	3,968,000	544,000	13,845,443
Ammonia	Ohio River	2,987,143	2,993,300	2,900,000	3,875,000	414,000	13,169,443
Manganese compounds	Ohio River	149,000	104,000	100,000	72,000	111,000	536,000
Chlorine	Ohio River	26,400	38,300	33,000	20,000	18,000	135,700
Chromium compounds	Ohio River	1,000	600	700	1,000	1,000	4,300

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Marietta, Ohio

Facility: **Rjf Intl. Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10,000			203		10,203
Sulfuric acid	Muskingum River	10,000					10,000
Butyl benzyl phthalate	Muskingum River				203		203

City: Marietta, Ohio

Facility: **Eveready Battery Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		300	350	400	400	400	1,850
Manganese compounds	Ohio River	300	350	400	400	400	1,850

City: Marietta, Ohio

Facility: **Amoco Performance Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			3	4	253	255	515
Zinc compounds	Ohio River				250	250	500
Chlorobenzene	Ohio River		3	3	2	5	13
Hydroquinone	Ohio River			1	1		2

City: Marietta, Ohio

Facility: **Cytec 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			500
Copper compounds	Duck Creek		250	250			500

City: Marion, Ohio

Facility: **Eaton Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				505	500	500	1,505
Manganese	Scioto River			250	250	250	750
Chromium	Scioto River			250	250	250	750
Nickel	Scioto River			5			5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Marion, Ohio

Facility: **Whirlpool Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		239	122	105	55	57	578
Zinc compounds	Rock Swale Ditch	140	120	100	50	52	462
Chromium	Rock Swale Ditch	81					81
Barium compounds	Rock Swale Ditch	2	2	5	5	5	19
Manganese	Rock Swale Ditch	16					16

City: Martins Ferry, Ohio

Facility: **Wheeling-Pittsburgh Steel**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,900	2,575	1,116	689	410	10,690
Zinc compounds	Ohio River	5,900	2,500	1,100	540	390	10,430
Chromium compounds	Ohio River		75	16	149	20	260

City: Marysville, Ohio

Facility: **Goodyear Tire & Rubber Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				250	250	250	750
Zinc compounds	Unnamed Tributary To Mill Creek			250	250	250	750

City: Massillon, Ohio

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		21,605	21,260	18,055	2,360	2,760	66,040
Ammonia	Tuscarawas River	20,000	17,000	13,000			53,450
Manganese	Tuscarawas River	250	250	250			3,460
Nickel	Tuscarawas River	250	250	250			3,250
Manganese compounds	Tuscarawas River				1,300	1,400	2,700
Nickel compounds	Tuscarawas River				950	1,100	2,050
Chromium	Tuscarawas River		250	250			755
Chromium compounds	Tuscarawas River				110	260	370
Chromium	Unknown	5					5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Massillon, Ohio

Facility: **Republic Engineered Steels**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		9,150	7,500	8,520	8,540	7,810	41,520
Manganese compounds	Tuscarawas River	4,200	5,800	6,800	7,000	6,500	30,300
Nickel compounds	Tuscarawas River	1,900	840	690	760	690	4,880
Copper compounds	Tuscarawas River	850	360	360	340	260	2,170
Lead compounds	Tuscarawas River	1,100	300	330	230	150	2,110
Chromium compounds	Tuscarawas River	1,100	200	340	210	210	2,060

City: Massillon, Ohio

Facility: **Ekco Housewares Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	1,115	637	255	5	2,017
Trichloroethylene	Newman Creek	5	523	326	250	5	1,109
1,1,1-Trichloroethane	Newman Creek		592	311	5		908

City: Massillon, Ohio

Facility: **Republic Engineered Steels**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				101	101	101	303
Chromium compounds	Wetmore Creek			50	50	50	150
Nickel compounds	Wetmore Creek			36	36	36	108
Lead compounds	Wetmore Creek			15	15	15	45

City: Masury, Ohio

Facility: **Container Concepts 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	Little Yankee Run	250					250

City: Mc Arthur, Ohio

Facility: **Austin Powder Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,500	2,100	2,100	2,660	2,070	11,430
Ammonium nitrate (solution)	Unnamed Tributary To Elk Fork	2,500	2,100	2,100		2,070	8,770
Ammonium nitrate (solution)	Unnamed Tributary To Elk Fork				2,660		2,660

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Mc Connelsville, Ohio

Facility: **Gould Electronics Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		944	980	988	1,039	1,126	5,077
Copper	Muskingum River	891	864	938	974	1,045	4,712
Lead	Muskingum River	21	66	41	20	21	169
Chromium compounds	Muskingum River	24	39		36	41	140
Cyanide compounds	Muskingum River	8	11	9	9	19	56

City: Mc Connelsville, Ohio

Facility: **Glacier Clevite**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,250	1,510	505	505	505	4,275
Tetrachloroethylene	Muskingum River	250	250	250	250	250	1,250
Lead compounds	Muskingum River		250	250	250	250	1,000
1,1,1-Trichloroethane	Muskingum River	250	250				500
Lead	Muskingum River	250	250				500
Nickel	Muskingum River	250	250				500
Copper	Muskingum River	250	5				255
Nickel compounds	Muskingum River		250				250
Copper compounds	Muskingum River		5	5	5	5	20

City: Medina, Ohio

Facility: **Erie Copper Works Inc.**

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	250	1,250
Copper	Unknown	250	250	250	250	250	1,250

City: Mentor, Ohio

Facility: **Ohio Sealants Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		505					505
Butyl benzyl phthalate	Unknown	250					250
Ethylene glycol	Unknown	250					250
Zinc compounds	Unknown	5					5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Middlefield, Ohio

Facility: **Johnson Rubber Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,315	21	530	275	1,030	3,171
Zinc compounds	Cuyahoga River			250	250	250	1,760
Zinc compounds	Unknown	250					1,255
Di-(2-ethylhexyl) phthalate	Cuyahoga River		5	5	5	5	60
Trichloroethylene	Cuyahoga River		1	5	5	5	31
1,1,1-Trichloroethane	Unknown	5					30
Trichloroethylene	Unknown	5					30
Trichloroethylene	Unnamed Tributaty To		5				5

City: Middletown, Ohio

Facility: **AK Steel Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		113,095	242,645	81,671	14,860	17,230	469,501
Ammonia	Great Miami River	63,000	83,000	65,000	11,000	14,000	236,000
Zinc compounds	Dick's Creek	540	66,000	270			66,810
Ammonia	Dick's Creek	13,000	19,000	14,000		680	46,680
Lead compounds	Dick's Creek	250	46,000	60	100	30	46,440
Hydrochloric acid	Dick's Creek		15,000				15,000
Hydrochloric acid	Great Miami River	15,000					15,000
Zinc compounds	Great Miami River	6,000	2,700	1,200			9,900
Ethylene glycol	Great Miami River	8,000					8,000
Aluminum (fume or dust)	Dick's Creek	1,300	4,000				5,300
Manganese compounds	Great Miami River	250	3,200				3,450
Cyanide compounds	Great Miami River	750	460	280	340	680	2,510
Phenol	Great Miami River	250	180	140	1,200	480	2,250
Manganese compounds	Dick's Creek		1,300		400	400	2,100
Lead compounds	Great Miami River	750	360	200	210	490	2,010
Phenol	Dick's Creek	250	175	210	450	400	1,485
Ammonia	Duck's Creek				1,100		1,100
Cyanide compounds	Dick's Creek	750	90	50	60	40	990
Nickel compounds	Great Miami River	250	570				820
Nickel compounds	Dick's Creek	250	300	30		30	610
Naphthalene	Great Miami River	250	4	230			484
Chromium compounds	Great Miami River	250	140				390
Chromium compounds	Dick's Creek	250	100				350
Vanadium (fume or dust)	Dick's Creek	250	30				280
Copper compounds	Dick's Creek	250	10				260
1,1,1-Trichloroethane	Great Miami River	250					250
Aluminum (fume or dust)	Great Miami River	250					250
Copper compounds	Great Miami River	250					250
Sulfuric acid	Great Miami River	250					250
Chlorine	Great Miami River	250					250
Xylene (mixed isomers)	Dick's Creek		25				25
Benzene	Great Miami River	5					5
Benzene	Dick's Creek		1	1			2

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Middletown, Ohio

Facility: **Crystal Tissue Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			250	250	250	19,327	20,077
Formaldehyde	Great Miami River		250	250	250	19,327	20,077

City: Middletown, Ohio

Facility: **Bay West Paper Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						367	367
Glycol ethers	Great Miami River					191	191
Ammonium nitrate (solution)	Great Miami River					176	176

City: Middletown, Ohio

Facility: **Pilot Chemical Co. Of Ohio**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		255					255
Glycol ethers	Dick's Creek	250					250
Diethanolamine	Dick's Creek	5					5

City: Milan, Ohio

Facility: **Clevite Elastomers**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			1,800				1,800
1,1,1-Trichloroethane	Brewery Creek		1,800				1,800

City: Mingo Junction, Ohio

Facility: **Wheeling-Pittsburgh Steel**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		104,830	85,774	39,460	39,875	72,083	342,022
Ammonia	Ohio River	61,000	77,000	35,000	31,000	68,000	272,000
Chromium compounds	Ohio River	27,000	74	60	74	3	27,211
Zinc compounds	Ohio River	12,000	2,900	2,400	4,900	2,500	24,700
Cyanide compounds	Ohio River	4,800	5,800	2,000	3,900	1,400	17,900
Cyanide compounds	Cross Creek				1	79	80
Zinc compounds	Cross Creek					49	49
Manganese compounds	Ohio River	30					30
Zinc compounds	Jumbo Run					29	29
Ammonia	Cross Creek					12	12
Ammonia	Jumbo Run					10	10
Chromium compounds	Jumbo Run					1	1

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Montpelier, Ohio

Facility: **Chase Brass & Copper Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		233	750	576	750	505	2,814
Zinc (fume or dust)	J Lattanner Ditch	159	250	250	250	250	1,159
Copper	J Lattanner Ditch	49	250	76	250	250	875
Lead	J Lattanner Ditch	25	250	250	250	5	780

City: Moraine, Ohio

Facility: **Delphi Harrison Thermal Sys.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		118	615	183	2	956	1,874
Manganese	Great Miami River					800	800
Zinc compounds	Great Miami River	112	267	92			471
Methyl ethyl ketone	Great Miami River		249			62	311
Manganese compounds	Great Miami River					89	89
Chromium compounds	Great Miami River	6	52	12			70
Copper	Great Miami River			57			57
Lead compounds	Great Miami River		29				29
Lead	Great Miami River			21			21
Copper compounds	Great Miami River		18				18
Toluene	Great Miami River			1	2	5	8

City: Napoleon, Ohio

Facility: **Campbell Soup Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,000	5,738	1,300	750	750	11,538
Zinc compounds	Maumee River	3,000	5,738	1,300	750	750	11,538

City: Napoleon, Ohio

Facility: **Clevite Elastomers**

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	Maumee River	250					250

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: New Boston, Ohio

Facility: **New Boston Coke Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,850	8,740	4,296	2,349	2,850	25,085
Ammonia	Ohio River	4,907	7,200	3,054	1,789	2,147	19,097
Phenol	Ohio River	1,026	940	722	430	558	3,676
Cyanide compounds	Ohio River	917	600	520	130	145	2,312

City: Newcomerstown, Ohio

Facility: **Gencorp Polymer Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		87	87	137	42	30	383
Barium compounds	Unnamed Tributary To	42	34				76
Barium compounds	Tuscarawas River			37	24		61
Lead compounds	Tuscarawas River			27	9	10	46
Chromium compounds	Unnamed Tributary To	15	27				42
Cadmium compounds	Tuscarawas River			30	9		39
Antimony compounds	Tuscarawas River			13		20	33
Chromium compounds	Tuscarawas River			30			30
Cadmium compounds	Unnamed Tributary To	12	10				22
Antimony compounds	Unnamed Tributary To	9	12				21
Lead compounds	Unnamed Tributary To	9	4				13

City: North Baltimore, Ohio

Facility: **Norbalt Rubber Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		505		5	5	5	520
1,1,1-Trichloroethane	Unnamed Tributary To Radar	250					250
Zinc compounds	Unnamed Tributary To Radar	250					250
Zinc compounds	Unknown			5	5	5	15
Methyl isobutyl ketone	Unnamed Tributary To Radar	5					5

City: North Bend, Ohio

Facility: **Vigoro Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		28,950	29,710	22,250	38,000	20,000	138,910
Ammonium nitrate (solution)	Ohio River	28,700	29,700	22,000	26,000	20,000	126,400
Ammonia	Ohio River		5	250	12,000		12,255
Nitric acid	Ohio River	250	5				255

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: North Bend, Ohio

Facility: **Du Pont**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,260					2,260
Sulfuric acid	Great Miami River	1,500					1,500
Sulfuric acid	Ohio River	750					750
Dimethyl phthalate	Great Miami River	5					5
Dimethyl phthalate	Ohio River	5					5

City: North Canton, Ohio

Facility: **Hoover Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250				500
Zinc compounds	Nimishillen Creek	250	250				500

City: Oak Hill, Ohio

Facility: **A. P. Green 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	250	250	250	1,250
Phosphoric acid	Cackley Swamp	250	250	250	250	250	1,250

City: Oregon, Ohio

Facility: **Bp Oil Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10,805	9,354	6,258	28,786	20,780	75,983
Ammonia	Maumee Bay	9,800	8,970	6,160	28,060	19,660	72,650
Chromium compounds	Maumee Bay	1,000	300				1,300
Naphthalene	Maumee Bay		22	9	302	318	651
Xylene (mixed isomers)	Maumee Bay		11	40	120	269	440
Ethylbenzene	Maumee Bay			3	85	176	264
Benzene	Maumee Bay			13	81	147	241
Toluene	Maumee Bay			24	83	127	234
1,2,4-Trimethylbenzene	Maumee Bay				55	83	138
Sulfuric acid	Maumee Bay		46				46
1,3-Butadiene	Maumee Bay	5	5				10
Cyclohexane	Maumee Bay			9			9

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Oregon, Ohio

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

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		15,190	9,277	8,627	1,907		35,001
Ammonia	Otter Creek	15,000	9,200	8,600	1,900		34,700
Phenol	Otter Creek	190	75	21	5		291
Benzene	Otter Creek		2	6	2		10

City: Ottawa, Ohio

Facility: **Philips Display Components Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				210			210
Hydrogen fluoride	Tawa Run Creek			210			210

City: Painesville, Ohio

Facility: **Avery Dennison**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750					750
Toluene	Grand River	750					750

City: Perrysville, Ohio

Facility: **Mansfield Plumbing Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,001	15	15	14	1,292	4,337
Zinc compounds	Black Fork	3,000	11				3,011
Copper	Black Fork River			3	3	718	724
Zinc compounds	Black Fork River			11	10	451	472
Lead	Black Fork River			1	1	108	110
Nickel	Black Fork River					15	15
Copper	Black Fork	1	3				4
Lead	Black Fork		1				1

City: Piketon, Ohio

Facility: **U.S. DOE Portsmouth Gaseous**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,625	1,098	2,651	552	220	10,146
Sulfuric acid	South Holding Pond	2,700					2,700
Sulfuric acid	Little Beaver Creek			2,600			2,600
Chromium compounds	Scioto River	1,500	710				2,210
Zinc compounds	Scioto River	37			57	47	977
Zinc compounds	Little Beaver Creek	680			160	3	843
Ethylene glycol	Big Run Creek		210	51			261
Chlorine	Scioto River	110	140				250
Zinc compounds	Big Run Creek	110			35		145

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Piketon, Ohio

Facility: **U.S. DOE Portsmouth Gaseous**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,625	1,098	2,651	552	220	10,146
Chlorine	Little Beaver Creek	52	38				90
Methanol	Scioto River				70		70

City: Piketon, Ohio

Facility: **U.S. Enrichment Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					412	783	1,195
Zinc compounds	Little Beaver Creek				160	290	450
Zinc compounds	Scioto River				26	43	399
Methanol	Scioto River				70	120	190
Zinc compounds	Big Run Creek				36	120	156

City: Plain City, Ohio

Facility: **Ranco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		82	59	46	65	59	311
Ammonia	Big Darby Creek	67	50	36	52	43	248
1,1,1-Trichloroethane	Big Darby Creek	8	6	8	8	7	37
Copper	Big Darby Creek	1	2	1	4	8	16
Chromium	Big Darby Creek	1	1	1	1	1	5
Zinc (fume or dust)	Big Darby Creek	5					5

City: Rittman, Ohio

Facility: **Packaging Corp. Of America**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		80,030	31,913	23,191	6,938	328	142,400
Ammonia	River Styx	80,030	31,913	23,191	6,938	328	142,400

City: Rock Creek, Ohio

Facility: **Rock Creek Aluminum Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				509	509	509	1,527
Aluminum (fume or dust)	Rock Creek			509	509	509	1,527

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Salem, Ohio

Facility: **Quaker City Castings Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		20	20	270	270	270	850
Phosphoric acid	Unknown			250	250	250	750
Chromium	Stone Mill Run Via City Storm	5	5	5	5		20
Copper	Stone Mill Run Via City Storm	5	5	5	5		20
Manganese	Stone Mill Run Via City Storm	5	5	5			15
Nickel	Stone Mill Run Via City Storm	5		5	5		15
Manganese	Unknown				5	5	10
Nickel	Unknown		5			5	10
Chromium	Unknown					5	5
Copper	Unknown					5	5

City: Sandusky, Ohio

Facility: **Ford Motor Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	4,400	3,100	2,900	1,400	12,050
Glycol ethers	Schoewe Ditch	250	4,400	3,100	2,900	1,400	12,050

City: Sandusky, Ohio

Facility: **Gmc**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,650					2,650
Glycol ethers	Mills Creek	2,400					2,400
Diethanolamine	Mills Creek	250					250

City: Shelby, Ohio

Facility: **Copperweld Shelby Div.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,988	7	178	102	443	2,718
Zinc compounds	Tuby Run	750	2	96	42	165	1,807
Manganese	Tuby Run	432	2	51	29	230	744
Nickel	Tuby Run	53	1	20	25	46	145
Chromium	Tuby Run	3		11	6	2	22

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: South Point, Ohio

Facility: **South Point Ethanol**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20,250	25,250	18,717	24,250	33,119	121,586
Ammonia	Ohio River	20,000	25,000	18,467	24,000	33,114	120,581
Benzene	Ohio River	250	250	250	250	5	1,005

City: South Webster, Ohio

Facility: **BMI Refractories**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		755	755	755			2,265
Naphthalene	Scioto River	250	250	250			750
Anthracene	Scioto River	250	250	250			750
Dibenzofuran	Scioto River	250	250	250			750
Phosphoric acid	Scioto River	5	5	5			15

City: Spencerville, Ohio

Facility: **Harvard Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		38,280					38,280
Sulfuric acid	Six Mile Creek	38,280					38,280

City: Spencerville, Ohio

Facility: **Ohio Decorative Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		760	8	5			773
Copper	Six Mile Creek	250	1				251
Zinc (fume or dust)	Six Mile Creek	250					250
Aluminum (fume or dust)	Six Mile Creek	250					250
Nickel	Six Mile Creek	5	7	5			17
Hydrochloric acid	Six Mile Creek	5					5

City: Springfield, Ohio

Facility: **Navistar Intl. Transportation**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		213	6,123	33	176	3,391	9,936
Ethylene glycol	Moore Run		6,100		52	3,300	9,452
Zinc compounds	Moore Run	190					190
Glycol ethers	Moore Run	1	2	2	82	70	157
Barium compounds	Moore Run	15	15	26	26		82
sec-Butyl alcohol	Moore Run				14	4	18
Xylene (mixed isomers)	Moore Run	3	3	3	1	8	18
Methyl ethyl ketone	Moore Run	2	2	1	1	1	7
Chromium compounds	Moore Run	2	1	1			4

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Springfield, Ohio

Facility: **Navistar Intl. Transportation**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		213	6,123	33	176	3,391	9,936
Methanol	Moore Run					3	3
Toluene	Moore Run					3	3
n-Butyl alcohol	Moore Run					2	2

City: Springfield, Ohio

Facility: **Speco Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	100	750			1,100
Methanol	Mad River, CT	250	100	750			1,100

City: Steubenville, Ohio

Facility: **Wheeling-Pittsburgh Steel**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,990	24,000	53,200	29,702	17,260	130,152
Ammonia	Ohio River	5,700	24,000	46,000	27,000	15,000	117,700
Cyanide compounds	Ohio River	30		7,200	2,700	990	10,920
Zinc compounds	Wells Run					890	890
Manganese compounds	Ohio River	260					260
Ammonia	Wells Run					220	220
Zinc compounds	Ohio River					160	160
Naphthalene	Wells Run				1		1
Cyanide compounds	Wells Run				1		1

City: Stow, Ohio

Facility: **Struktol Co. Of America**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	250	255	255	1,260
Zinc compounds	Mud Brook		250	250	250	250	1,000
Zinc compounds	Cuyahoga River	250					250
Glycol ethers	Mud Brook				5	5	10

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Summitville, Ohio

Facility: **Summitville Tiles Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		6,770					6,770
Lead compounds	Summitville Lake	2,400					2,400
Zinc compounds	Summitville Lake	2,200					2,200
Barium compounds	Summitville Lake	1,900					1,900
Cobalt compounds	Summitville Lake	170					170
Chromium compounds	Summitville Lake	100					100

City: Toledo, Ohio

Facility: **Du Pont**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		4,537					4,537
n-Butyl alcohol	Maumee River	1,110					1,110
Methanol	Maumee River	950					950
Xylene (mixed isomers)	Maumee River	575					575
Glycol ethers	Maumee River	455					455
Barium compounds	Maumee River	415					415
Toluene	Maumee River	395					395
Acetone	Maumee River	135					135
Zinc (fume or dust)	Maumee River	115					115
Lead compounds	Maumee River	110					110
Methyl ethyl ketone	Maumee River	110					110
Methyl isobutyl ketone	Maumee River	95					95
Ethylene glycol	Maumee River	72					72

City: Toledo, Ohio

Facility: **Textileather Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		40	40	530	530	275	1,415
Methyl ethyl ketone	Ottawa River	5	5	250	250	250	760
Toluene	Ottawa River	5	5	250	5	5	270
Zinc compounds	Ottawa River	5	5	5	250		265
Antimony compounds	Ottawa River	5	5	5	5	5	25
Cadmium compounds	Ottawa River	5	5	5	5	5	25
Lead compounds	Ottawa River	5	5	5	5	5	25
Barium compounds	Ottawa River	5		5	5	5	20
Chromium compounds	Ottawa River	5	5	5	5		20
Barium compounds	Ottawaw River		5				5

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Toledo, Ohio

Facility: **Gmc Powertrain**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		11	2	7	97	137	254
Manganese	Silver Creek				93	130	223
Copper	Silver Creek	11	2	7	4	6	30
Manganese	Unknown					1	1

City: Trenton, Ohio

Facility: **Miller Brewing Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			170	2,000	3,300	3,241	8,711
Ammonia	Great Miami River		170	2,000	3,300	3,241	8,711

City: Troy, Ohio

Facility: **Hobart Brothers Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				6,650	6,650	6,650	19,950
Aluminum (fume or dust)	Morgan's Ditch			4,900	4,900	4,900	14,700
Manganese compounds	Morgan's Ditch			750	750	750	2,250
Barium compounds	Morgan's Ditch			250	250	250	750
Chromium compounds	Morgan's Ditch			250	250	250	750
Copper compounds	Morgan's Ditch			250	250	250	750
Nickel compounds	Morgan's Ditch			250	250	250	750

City: Troy, Ohio

Facility: **Bf Goodrich**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,068	577	1,070	520	515	3,750
Cobalt	Peters Creek			250	250	250	750
Sulfuric acid	N. Branch Of Peters Creek	661					661
Manganese	Peters Creek			58	250	250	558
Chromium	Peters Creek			250	5	5	260
Nickel	N. Branch Of Peters Creek	8	250				258
Nickel	Peters Creek			250		5	255
Barium compounds	Peters Creek			250	5		255
Copper	N. Branch Of Peters Creek		250				250
Nitric acid	N. Branch Of Peters Creek	250					250
Chromium	N. Branch Of Peters Creek	60	38				98
Manganese	N. Branch Of Peters Creek	53					53
Copper	Peters Creek	11		12	5	5	33
Barium	Peters Creek		29				29
Freon 113	Peters Creek	5	5				10
1,1,1-Trichloroethane	N. Branch Of Peters Creek		5				5
Nickel	North Branch Of Peter's Creek				5		5
Toluene	Noth Branch Of Peters Creek	5					5
1,1,1-Trichloroethane	Peters Creek	5					5

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

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Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Troy, Ohio
Facility: **Bf Goodrich**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,068	577	1,070	520	515	3,750
Barium	N. Branch Of Peters Creek	5					5
Cobalt	N. Branch Of Peters Creek	5					5

City: Upper Sandusky, Ohio
Facility: **Continental Hose**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,250	1,250	1,250	1,250	1,250	6,250
Lead	Sandusky River	250	250	250	250	250	1,250
Manganese	Sandusky River	250	250	250	250	250	1,250
Nickel	Sandusky River	250	250	250	250	250	1,250
Chromium	Sandusky River	250	250	250	250	250	1,250
Copper	Sandusky River	250	250	250	250	250	1,250

City: Vandalia, Ohio
Facility: **Delphi Chassis Sys.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			97	11	1	1	110
Zinc compounds	Great Miami River		97	7			104
Toluene	Great Miami River			4			4
Zinc (fume or dust)	Great Miami River				1	1	2

City: Warren, Ohio
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		48,326	28,632	19,375	24,772	24,204	145,309
Ammonia	Mahoning River	47,637	28,000	19,000	24,000	13,000	131,637
Ammonium sulfate (solution)	Mahoning River					11,000	11,000
Phenol	Mahoning River	676	620	370	740	190	2,596
Cyanide compounds	Mahoning River	13	12	5	20	14	64
Benzene	Mahoning River				9		9
Toluene	Mahoning River				3		3

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Warren, Ohio

Facility: **WCI Steel Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		37,990	3,620	10,756	5,234	5,608	63,208
Ammonia	Mahoning River	33,000	560	8,900	4,000	5,400	51,860
Zinc compounds	Mahoning River	4,500	2,900	1,700	1,200	173	10,473
Lead compounds	Mahoning River	490	160	140	34	35	859
Hydrochloric acid	Mahoning River			16			16

City: Warren, Ohio

Facility: **Coil Coating Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			3,640	38,239			41,879
Zinc compounds	Red Run			38,239			38,239
Zinc compounds	Mahoning River		3,370				3,370
Sulfuric acid	Mahoning River		270				270

City: Warren, Ohio

Facility: **Thomas Steel Strip Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,562	4,641	5,486	1,854	1,600	17,143
Nickel compounds	Mahoning River	1,125	2,026	2,441	1,091	1,100	7,783
Copper compounds	Mahoning River	703	1,109	1,494	750	250	4,306
Zinc compounds	Mahoning River	609	1,256	1,301			3,166
Cyanide compounds	Mahoning River	1,125	250	250	13	250	1,888

City: Warren, Ohio

Facility: **Copperweld Steel Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		4,523	3,700	5,227	1,250	1,250	15,950
Manganese	Mahoning River	2,817	2,700				5,517
Manganese compounds	Mahoning River			2,199	250	250	2,699
Zinc compounds	Mahoning River	761	250	750	250	250	2,261
Nickel compounds	Mahoning River			1,278	250	250	1,778
Chromium compounds	Mahoning River		250	750	250	250	1,500
Lead compounds	Mahoning River			250	250	250	750
Lead	Mahoning River	445	250				695
Nickel	Mahoning River	250	250				500
Chromium	Mahoning River	250					250

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Warren, Ohio

Facility: **Gmc**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		375	27	27	232	240	901
Copper compounds	Red Run	34	26	25	170	176	431
Chlorine	Red Run	340					340
Zinc compounds	Red Run				62	64	126
Lead compounds	Red Run	1	1	2			4

City: Washington Court House, Ohio

Facility: **Countrymark Co-op.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250		10	5		265
Manganese compounds	Paint Creek	250		5	5		260
Copper compounds	Paint Creek			5			5

City: Wauseon, Ohio

Facility: **Fulton Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10		250	250	250	760
Zinc compounds	Turkey Foot Creek			250	250	250	750
Sulfuric acid	Turkey Foot Creek	5					5
Hydrochloric acid	Turkey Foot Creek	5					5

City: Wellston, Ohio

Facility: **Pillsbury**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	750	750	250	250	2,005
Ammonia	Meadow Run		750	750	250	250	2,000
Ammonia	Meadow Run Creek	5					5

City: Wellsville, Ohio

Facility: **Sterling China Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			499	499			998
Lead compounds	Unknown		499	499			998

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: West Carrollton, Ohio

Facility: **Miami Paper Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,400	2,000	10,500	1,500	755	21,155
Ammonia	Owl Creek	6,400	2,000	10,500	1,500	755	21,155

City: West Carrollton, Ohio

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		9,200	1,980	560			11,740
Ammonia	Great Miami River	6,000	180	140			6,320
Zinc compounds	Great Miami River	1,400	1,800	420			3,620
Chloroform	Great Miami River	1,800					1,800

City: West Carrollton, Ohio

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		140	270	170	233	8	821
Chlorine	Great Miami River	140	270	170	230	8	818
Chlorine	Owl Creek				3		3

City: Wickliffe, Ohio

Facility: **Hall Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		369	348	333	427	575	2,052
Zinc compounds	Lake Erie	250	250	250	250	250	1,250
Cobalt compounds	Lake Erie	76	50	45	94	238	503
Nickel compounds	Lake Erie	26	30	23	68	72	219
Manganese compounds	Lake Erie	17	18	15	15	15	80

City: Willoughby, Ohio

Facility: **Ge Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Hydrogen fluoride	Chagrin River					250	250

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: Yorkville, Ohio

Facility: **Wheeling-Pittsburgh Steel**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		570	210	510	760	100	2,150
Chromium compounds	Ohio River	570	210	510	750	100	2,140
Thiourea	Ohio River				10		10

City: Youngstown, Ohio

Facility: **North Star Steel**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		270					270
Zinc compounds	Mahoning River	250					250
Lead compounds	Mahoning River	5					5
Chromium compounds	Mahoning River	5					5
Nickel compounds	Mahoning River	5					5
Copper compounds	Mahoning River	5					5

City: Youngstown, Ohio

Facility: **Walker Williams Lumber Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				68	55	86	209
Arsenic compounds	Mahoning River			31	25	69	125
Chromium compounds	Mahoning River			32	26	13	71
Copper compounds	Mahoning River			5	4	4	13

City: Youngstown, Ohio

Facility: **Youngstown Welding &**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				107			107
Hydrogen fluoride	Bears Den Run Creek			107			107

City: Zanesville, Ohio

Facility: **Armco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,960	1,478	1,441	615	782	6,276
Chromium	Muskingum River	580	840	490	240	617	2,767
sec-Butyl alcohol	Muskingum River	250	250	250	250		1,000
Nickel	Muskingum River	140	212	110	120	160	742
Nitric acid	Muskingum River	200	84	275			559
Sulfuric acid	Muskingum River	190	51	210			451
Phosphoric acid	Muskingum River	250	5	5	5	5	270
Ammonia	Muskingum River	250	5	5			260
Hydrogen fluoride	Muskingum River	85	26	91			202
Hydrochloric acid	Muskingum River	15	5	5			25

Table 9

Toxic water pollution in Ohio

Companies reporting toxic discharges to water (1990-1994)

City: _____, Ohio

Facility: _____

Chemical discharged		Receiving water		Pounds of toxic chemicals discharged to water				
				1990	1991	1992	1993	1994
All toxic chemicals								