

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Ashland, Kentucky

Facility: **AK Steel Corp. - West Works**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		47,330	38,840	50,355	12,975	7,395	156,895
Aluminum (fume or dust)	White Oak Creek Watershed	23,300	6,200	13,200			42,700
Manganese compounds	White Oak Creek Watershed	14,350	3,900	8,000	4,800	4,100	35,150
Aluminum (fume or dust)	Ohio River	5	9,100	13,000			22,105
Manganese compounds	Ohio River	5	5,700	7,800	4,700	770	18,975
Chlorine	White Oak Creek Watershed	3,600	1,500	1,800	750	750	8,400
Aluminum (fume or dust)	Hood Creek		4,100	2,000			6,100
Manganese compounds	Hood Creek		2,500	1,200	700	260	4,660
Chlorine	Ohio River	5	1,400	1,200	750	750	4,105
Chromium compounds	White Oak Creek Watershed	2,350	350	660	250	5	3,615
Zinc (fume or dust)	White Oak Creek Watershed	2,300	250				2,550
Chromium compounds	Ohio River	5	510	640	250	5	1,410
Chlorine	Hood Creek		600	250	250	250	1,350
Nickel compounds	White Oak Creek Watershed	250	250	250	250	250	1,250
Nickel compounds	Ohio River	5	250	250	250	250	1,005
Copper compounds	White Oak Creek Watershed	250	750				1,000
Copper compounds	Ohio River	5	750				755
Hydrochloric acid	White Oak Creek Watershed	320			5		325
Chromium compounds	Hood Creek		220	100	5		325
Zinc (fume or dust)	Ohio River	5	250				255
Copper compounds	Hood Creek		250				250
Methanol	Ohio River	250					250
Methanol	White Oak Creek Watershed	250					250
Lead compounds	Ohio River	50					50
Nickel compounds	Hood Creek		5	5	5	5	20
Hydrochloric acid	Ohio River	5			5		10
Zinc (fume or dust)	Hood Creek		5				5
Hydrochloric acid	Hood Creek				5		5
Ethylene glycol	Ohio River	5					5
Ethylene glycol	White Oak Creek Watershed	5					5
Sulfuric acid	Ohio River	5					5
Sulfuric acid	White Oak Creek Watershed	5					5

City: Ashland, Kentucky

Facility: **AK Steel Corp. - Coke Plant**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		35,705	7,200	18,500	4,200	2,750	68,355
Ammonia	Ohio River	31,700	2,000	16,000	1,700	250	51,650
Phenol	Ohio River	1,650	2,700	750	750	750	6,600
Cyanide compounds	Ohio River	1,100	1,500	750	750	750	4,850
Benzene	Ohio River	250	250	250	250	250	1,250
Naphthalene	Ohio River	250	250	250	250	250	1,250
Toluene	Ohio River	250	250	250	250	250	1,250
Xylene (mixed isomers)	Ohio River	250	250	250	250	250	1,250
Ethylene glycol	Ohio River	250					250
Methanol	Ohio River	5					5

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Companies reporting toxic discharges to water (1990-1994)

City: Ashland, Kentucky

Facility: **Kentucky Electric Steel Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,340	333	335	68	94	2,170
Lead	Williams Creek	1,000			2	2	1,004
Zinc (fume or dust)	Williams Creek	340	272	272	4	4	892
Lead	Williams Creek		49	51			100
Manganese	Williams Creek				40	34	74
Chromium	Williams Creek		9	9	11	9	38
Aluminum (fume or dust)	Williams Creek					18	18
Copper	Williams Creek					18	18
Nickel	Williams Creek		3	3	11		17
Nickel	Williams Creek					9	9

City: Ashland, Kentucky

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

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

City: Berea, Kentucky

Facility: **Alcan Rolled Prods. Recycling**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10	10	510	10	110	650
Aluminum (fume or dust)	Silver Creek		5	250		50	305
Aluminum (fume or dust)	Walnut Meadow Branch		5	250		50	305
Manganese	Silver Creek			5	5	5	15
Manganese	Walnut Meadow Branch			5	5	5	15
Manganese compounds	Silver Creek	5					5
Manganese compounds	Walnut Meadow Branch	5					5

City: Berea, Kentucky

Facility: **Tokico Usa Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				76	63	69	208
Zinc (fume or dust)	Silver Creek			28	29	45	102
Nickel	Silver Creek			12	29	20	61
Chromium	Silver Creek			36	5	4	45

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Companies reporting toxic discharges to water (1990-1994)

City: Bowling Green, Kentucky

Facility: **Bowling Green Municipal Utils.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			27,600	51,943			79,543
Chlorine	Barren River		27,600	51,943			79,543

City: Brandenburg, Kentucky

Facility: **Olin Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2	324	1,480			1,806
Propylene oxide	Ohio River			1,475			1,475
m-Xylene	Ohio River		311				311
Benzene	Ohio River		10	5			15
Toluene	Ohio River		2				2
Dichloromethane	Ohio River	2					2
Styrene	Ohio River		1				1

City: Burgin, Kentucky

Facility: **Keystone Brush & Contact Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	36	20	20	250	331
Copper	Unnamed Tributary Of Cane Run	5		20	20	250	295
Copper	Unnamed Tributary Of Cane Run		36				36

City: Burnaugh, Kentucky

Facility: **Inco Alloys Intl. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		75	111	110	186	121	603
Nickel compounds	Big Sandy River	46	72	71	110	66	365
Copper compounds	Big Sandy River	7	14	15	48	28	112
Chromium	Big Sandy River	5	13	13	16	12	59
Cobalt	Big Sandy River	9	6	6	7	8	36
Manganese	Big Sandy River	8	6	5	5	7	31

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Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Calvert City, Kentucky

Facility: **ISP Chemicals Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		314,735	356,809	302,771	192,433	141,077	1,307,825
Ammonia	Tennessee River	293,600	332,000	282,756	176,218	125,346	1,209,920
Formaldehyde	Tennessee River	19,760	24,000	19,309	15,475	14,748	93,292
Nickel	Tennessee River	810	520	428	385	645	2,788
Copper	Tennessee River	520	280	268	322	300	1,690
Toluene	Tennessee River		9	10		38	57
Benzene	Tennessee River	45					45
n-Butyl alcohol	Tennessee River				33		33

City: Calvert City, Kentucky

Facility: **Elf Atochem N.A. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		11,820	28,017	12,813	1,416	24,485	78,551
Ethylene glycol	Tennessee River	7,800	26,000	11,400			45,200
Hydrogen fluoride	Tennessee River					13,150	13,150
Hydrochloric acid	Tennessee River					8,980	8,980
Trichlorofluoromethane	Tennessee River		360	370	1,200	1,150	3,080
Antimony compounds	Tennessee River	1,000		1,000		1,000	3,000
1,1,1-Trichloroethane	Tennessee River	590	1,200	30	37	80	1,937
Chloroform	Tennessee River	1,300	370				1,670
Chlorine	Tennessee River	1,000					1,000
Carbon tetrachloride	Tennessee River	130	87	3	9	10	239
Dichlorodifluoromethane	Tennessee River			10	170	15	195
1-chloro-1,1-difluoroethane	Tennessee River					80	80
1,1-dichloro-1-fluoroethane	Tennessee River					20	20

City: Calvert City, Kentucky

Facility: **Air Prods. & Chemicals Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15,403	19,334	4,252	8,073	10,755	57,817
Methanol	Tennessee River	6,601	7,450	3,855	4,382	4,662	26,950
Ammonia	Tennessee River	7,490	11,196		2,979	5,083	26,748
Vinyl acetate	Tennessee River	1,052	98	70	143	173	1,536
Acetaldehyde	Tennessee River	250	346	248	282	341	1,467
Methyl isobutyl ketone	Tennessee River	5	220	62	251	496	1,034
Acetone	Tennessee River	5	24	17	36		82

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City: Calvert City, Kentucky

Facility: **BF Goodrich**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,069	4,603	3,062	808	660	11,202
Sulfuric acid	Tennessee River		1,500	240			1,740
Chloroform	Tennessee River	800	310	190	190	130	1,620
Chlorine	Tennessee River	210	540	390	320	150	1,610
Hydrochloric acid	Tennessee River		1,600				1,600
Allyl alcohol	Tennessee River	540	500	190	190	170	1,590
Ethylene glycol	Tennessee River	220		990			1,210
Naphthalene	Tennessee River	6		710	1	78	795
Toluene	Tennessee River	76	14	100	6	16	212
Benzene	Tennessee River	42	66	71	3	11	193
Anthracene	Tennessee River	3	2	78	78	30	191
Mercury	Tennessee River	17	50	35	15	20	137
Allyl chloride	Tennessee River	120					120
Ethylbenzene	Tennessee River	13	12	58	1	1	85
Cyclohexane	Tennessee River	9			1	52	62
Styrene	Tennessee River	11	6	9	2	1	29
Acrylic acid	Tennessee River	1	2	1	1	1	6
Biphenyl	Tennessee River		1				1
Carbon tetrachloride	Tennessee River	1					1

City: Calvert City, Kentucky

Facility: **SKW Metals & Alloys Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			624	402	743	593	2,362
Manganese compounds	Tennessee River		415	337	691	555	1,998
Zinc compounds	Tennessee River		171				171
Chromium compounds	Tennessee River		38	34	23	23	118
Nickel compounds	Tennessee River			31	29	15	75

City: Calvert City, Kentucky

Facility: **North Star Steel Kentucky**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		500	255	255	255	155	1,420
Manganese	Tennessee River	250	250	250	250	150	1,150
Chromium	Tennessee River	250	5	5	5	5	270

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Companies reporting toxic discharges to water (1990-1994)

City: Campbellsville, Kentucky

Facility: **Batesville Casket Co. Inc.**

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

City: Carlisle, Kentucky

Facility: **Jockey Intl. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	5	5	250	760
Chlorine	Licking River	250	250	5	5	250	760

City: Carrollton, Kentucky

Facility: **Dow Corning Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,400	60,870	6,602	809	1,089	70,770
Methanol	Ohio River		60,286	4,593	254	335	65,468
Chloromethane	Ohio River	1,400	127	1,634	106		3,267
Copper compounds	Ohio River		457	375	449	398	1,679
Ethylene glycol	Ohio River					301	301
Hydrochloric acid	Ohio River					55	55

City: Carrollton, Kentucky

Facility: **Elf Atochem N.A. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					2,399	3,966	6,365
Antimony	Ohio River				2,362	3,966	6,328
Benzene	Ohio River				34		34
Toluene	Ohio River				2		2
Chlorobenzene	Ohio River				1		1

City: Catlettsburg, Kentucky

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		46,940	103,276	74,464	51,065	69,692	345,437
Ammonia	Big Sandy River	44,400	100,000	65,518	27,618	8,870	246,406
Methanol	Big Sandy River				10,809	11,153	21,962
Methyl ethyl ketone	Big Sandy River			220	69	13,365	13,654
Zinc compounds	Big Sandy River					12,443	12,443
tert-Butyl alcohol	Big Sandy River					10,824	10,824
Methyl tert-butyl ether	Big Sandy River		300	6,023	1,112	1,466	8,901
Ethylene	Big Sandy River	550	500		3,243	3,346	7,639
1,3-Butadiene	Big Sandy River	510	520		3,243	3,346	7,619
Propylene	Big Sandy River	500	520		3,243	3,346	7,609

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Companies reporting toxic discharges to water (1990-1994)

City: Catlettsburg, Kentucky

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		46,940	103,276	74,464	51,065	69,692	345,437
1,2,4-Trimethylbenzene	Big Sandy River	50	210	979	108	141	1,488
Xylene (mixed isomers)	Big Sandy River	50	380	170	444	403	1,447
Naphthalene	Big Sandy River	50	210	645	108	112	1,125
Biphenyl	Big Sandy River	50	210	192	108	112	672
Toluene	Big Sandy River	50	54	109	259	124	596
Benzene	Big Sandy River	90	77	162	56	176	561
Cyclohexane	Big Sandy River	90	64	67	67	69	357
Cumene	Big Sandy River	50	54	79	82	75	340
Ethylbenzene	Big Sandy River	50	54	56	107	58	325
Styrene	Big Sandy River	50	56	58	58	59	281
1,1,1-Trichloroethane	Big Sandy River		57	61	65	67	250
Nickel	Big Sandy River	200					200
Carbon tetrachloride	Big Sandy River			64	65	67	196
Dichloromethane	Big Sandy River			61	34	70	165
Cobalt	Big Sandy River	100					100
Chromium	Big Sandy River	100					100
Xylene (mixed isomers)	Chadwick's Creek				85		85
Toluene	Chadwick's Creek				35		35
1,2,4-Trimethylbenzene	Chadwick's Creek				33		33
Benzene	Chadwick's Creek				12		12
Phosphoric acid	Big Sandy River		5				5
Sulfuric acid	Big Sandy River		5				5
Naphthalene	Chadwick's Creek				1		1
Propylene	Chadwick's Creek				1		1

City: Catlettsburg, Kentucky

Facility: **Calgon Carbon Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250					250
Anthracene	Big Sandy River	250					250

City: Danville, Kentucky

Facility: **Philips Lighting Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,070	157	8	12	7	1,254
Ammonia	Tributary To Clarks Run	750	134				884
Antimony	Tributary To Clarks Run	250	7	2	6	4	269
Lead compounds	Tributary To Clarks Run	70					70
Lead	Tributary To Clarks Run		16	6	6	3	31

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Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Elizabethtown, Kentucky

Facility: **Alcatel Telecommunications**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				160		1	161
Copper	Billy Creek			160		1	161

City: Elizabethtown, Kentucky

Facility: **Ambrake Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			52	50	20	20	142
Ammonia	Valley Creek		52	50		20	122
Ammonia	Unknown				20		20

City: Franklin, Kentucky

Facility: **Kendall Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		176	190	89	470	388	1,313
Decabromodiphenyl oxide	Drakes Creek	32	60	58	102	162	414
Zinc compounds	Drakes Creek	94	100	5	156	55	410
Antimony compounds	Drakes Creek	17	30	26	53	138	264
Aluminum oxide (fibrous)	Drakes Creek				159	33	192
Aluminum (fume or dust)	Drakes Creek	33					33

City: Georgetown, Kentucky

Facility: **Toyota Motor Mfg. 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	2,000	2,000	2,000	500	7,750
Chromium	Lanes Run	250	250	250	250	250	1,250
Copper	Lanes Run	250	250	250	250		1,000
Lead compounds	Lanes Run	250	250	250	250		1,000
Nickel compounds	Lanes Run	250	250	250	250		1,000
Chromium	Un-named Tributary To Dry Run				250	250	500
Copper	Unnamed Tributary To Dry Run		250	250			500
Lead compounds	Unnamed Tributary To Dry Run		250	250			500
Nickel compounds	Unnamed Tributary To Dry Run		250	250			500
Chromium	Unnnamed Tributary To Dry Run		250				250
Chromium	Unnnamed Tributary To Dry Run			250			250
Copper	Un-named Tributary To Dry Run				250		250
Lead compounds	Un-named Tributary To Dry Run				250		250
Nickel compounds	Un-named Tributary To Dry Run				250		250
Zinc compounds	Lanes Run	250					250

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Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Ghent, Kentucky

Facility: **North American Stainless**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				23	15	1,250	1,288
Nickel	Ohio River				5	750	755
Chromium	Ohio River			7	5	250	262
Hydrochloric acid	Ohio River			5	5	250	260
Hydrogen fluoride	Ohio River			5			5
Nitric acid	Ohio River			5			5
Manganese	Ohio River			1			1

City: Hawesville, Kentucky

Facility: **Willamette Ind. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,555	13,780	15,405	16,750	17,100	75,590
Chloroform	Ohio River	7,500	8,000	8,200	7,200	1,700	32,600
Ammonia	Ohio River	250	250	250	4,900	14,000	19,650
Acetone	Ohio River	3,300	3,200	3,500	4,400		14,400
Catechol	Ohio River	1,500	1,800	2,700	250	250	6,500
Methyl ethyl ketone	Ohio River		530	750			1,280
Acetaldehyde	Ohio River					650	650
Hydrochloric acid	Ohio River			5		250	255
Formic acid	Ohio River					250	250
Methanol	Ohio River	5					5

City: Hawesville, Kentucky

Facility: **Southwire Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		100			130	150	380
Chlorine	Ohio River	100			130	150	380

City: Hawesville, Kentucky

Facility:

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

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Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Henderson, Kentucky

Facility: **Alcan Ingot**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		500	640	500	501	500	2,641
Chlorine	Green River	250	250	250	250	250	1,250
Chlorine	Unnamed Tributary To Grane	250	250	250	250	250	1,250
Ethylene glycol	Unnamed Tributary To Green		140				140
Phenol	Unnamed Tributary To Sputzman				1		1

City: Henderson, Kentucky

Facility: **Custom Resins**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5	5			260
Zinc compounds	Ohio River	250	5	5			260

City: Horse Cave, Kentucky

Facility: **Ken-dec Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750					750
Nickel compounds	Unknown	250					250
Cyanide compounds	Unknown	250					250
Copper compounds	Unknown	250					250

City: Lawrenceburg, Kentucky

Facility: **Florida Tile Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			51	260	240	200	751
Zinc compounds	Unnamed Tributary Of				240	200	440
Zinc compounds	Unnamed Tributary To		51	260			311

City: Lewisport, Kentucky

Facility: **Commonwealth Aluminum Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		755	1,510	3,003	755	1,560	7,583
Sulfuric acid	Thrasher Creek		750	1,753			2,503
Chlorine	Thrasher Creek	250	250	250	250	250	1,250
Chromium compounds	Thrasher Creek	250	250	250	250	250	1,250
Ethylene glycol	Thrasher Creek					1,060	1,060
Copper compounds	Thrasher Creek	5	250	250	250		755
Cyanide compounds	Thrasher Creek	250	5	250	5		510
Hydrochloric acid	Thrasher Creek		5	250			255

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Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Lexington, Kentucky

Facility: **U.S. Bureau Of Prisons**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						13,000	13,000
Chlorine	Unnamed Tributary To Town					13,000	13,000

City: Louisville, Kentucky

Facility: **Reynolds Metals Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,440	1,522	3,044	2,293		10,299
Aluminum (fume or dust)	Little Paddy's Run	3,440	1,522	3,044	2,293		10,299

City: Louisville, Kentucky

Facility: **Borden**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260	505	750	750	505	2,770
Zinc compounds	Ohio River	250	250	250	250	250	1,250
Barium compounds	Ohio River	5	250	250	250	250	1,005
Phenol	Ohio River	5	5	250	250	5	515

City: Louisville, Kentucky

Facility: **Brown Wood Preserving Co. 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	255	510	1,515
Pentachlorophenol	Ditch To Pond Creek	250	250	250	250	250	1,250
Chromium compounds	Ditch To Pond Creek					250	250
Copper compounds	Ditch To Pond Creek				5	5	10
Arsenic compounds	Ditch To Pond Creek					5	5

City: Louisville, Kentucky

Facility: **Liqui Dri Foods Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			750				750
Ammonia	Hikes Creek		750				750

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Louisville, Kentucky

Facility: **Bf Goodrich**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		160	270	180			610
Zinc compounds	Ohio River		270	180			450
Chlorine	Ohio River	160					160

City: Louisville, Kentucky

Facility: **American Synthetic Rubber**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		381	3				384
Ammonia	Ohio River	250					250
Toluene	Ohio River	88	3				91
Styrene	Ohio River	36					36
Acrylonitrile	Ohio River	7					7

City: Louisville, Kentucky

Facility: **Johnson Controls Battery Group**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		100		5	5	5	115
Lead compounds	Northern Ditch	100		5	5	5	115

City: Madisonville, Kentucky

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					250	250	500
Ammonium nitrate (solution)	Clear Creek				250	250	500

City: Maysville, Kentucky

Facility: **Inland Container Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					1,660	3,090	4,750
Ammonia	Ohio River				1,600	2,300	3,900
Ethylene glycol	Ohio River				60	790	850

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Murray, Kentucky

Facility: **Vanderbilt Chemical Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		67	322	252	460	824	1,925
Zinc compounds	East Fork Clark's River	40	220	120	210	540	1,130
Antimony compounds	East Fork Clark's River	19	77	63	160	130	449
Lead compounds	East Fork Clark's River	8	25	69		101	203
Lead compounds	East River Fork Clark's River				90		90
Chlorine	East Fork Clark's River					53	53

City: Owensboro, Kentucky

Facility: **Green River Steel Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,500	1,026	1,500	2,000	1,000	7,026
Molybdenum trioxide	Ohio River	750	250	750	750	250	2,750
Manganese compounds	Ohio River	250	240	250	750	250	1,740
Nickel compounds	Ohio River	250	250	250	250	250	1,250
Chromium compounds	Ohio River	250	46	250	250	250	1,046
Manganese	Ohio River		240				240

City: Owensboro, Kentucky

Facility: **Hampshire Chemical Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					545	1,290	1,835
Methanol	Ohio River				250	750	1,000
Methyl methacrylate	Ohio River				250	250	500
Acrylonitrile	Ohio River				5	250	255
Vinylidene chloride	Ohio River				5	5	10
Acrylic acid	Ohio River				5	5	10
Methyl acrylate	Ohio River				5	5	10
Styrene	Ohio River				5	5	10
1,3-Butadiene	Ohio River				5	5	10
Vinyl acetate	Ohio River				5	5	10
Ethyl acrylate	Ohio River				5	5	10
Butyl acrylate	Ohio River				5	5	10

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Owensboro, Kentucky

Facility: **Daramic Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		435	368	391			1,194
Acrylic acid	Ohio River	250	250	250			750
Phenol	Ohio River	120					120
Acrylonitrile	Ohio River	2	45	45			92
Vinyl acetate	Ohio River	34	15	30			79
Vinylidene chloride	Ohio River	7	31	31			69
Methyl methacrylate	Ohio River	1	13	15			29
Methyl acrylate	Ohio River		10	16			26
Styrene	Ohio River	5	4	4			13
Ethyl acrylate	Ohio River	8					8
Formaldehyde	Ohio River	7					7
1,3-Butadiene	Ohio River	1					1

City: Paducah, Kentucky

Facility: **Cablec Utility Cable Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		5	170	255	260	260	950
Copper	Ohio River	5	165	250	5	250	675
Zinc compounds	Ohio River				250		250
Antimony	Ohio River		5	5	5	5	20
Acetophenone	Ohio River					5	5

City: Paducah, Kentucky

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

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		518	233	84	7		842
Chlorine	Big Bayou Creek	430	190		2		622
Chlorine	Little Bayou Creek	28	14				42
Chromium	Little Bayou Creek	41					41
Chromium compounds	Big Bayou Creek		9	29			38
Trichloroethylene	Big Bayou Creek	1	1	27			29
Chromium compounds	Little Bayou Creek		15	9			24
Chlorine	Big Bayou			17			17
Chromium	Big Bayou Creek	17					17
Trichloroethylene	Little Bayou Creek	1	4	1	5		11
Chlorine	Little Bayou			1			1

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Philpot, Kentucky

Facility: **Premium Allied Tool Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					96	287	383
Nickel	Ut To North Fork Panther Creek					250	250
Nickel	Ut To North Fork Of Panther				59		59
Tetrachloroethylene	Ut To North Fork Panther Creek				22	22	44
Manganese	Ut To North Fork Panther Creek				5	5	10
Chromium	Ut To North Fork Of Panther				5		5
Chromium	Ut To North Fork Panther Creek					5	5
Copper	Ut To North Fork Of Panther				5		5
Copper	Ut To North Fork Panther Creek					5	5

City: Pikeville, Kentucky

Facility: **East Kentucky Beverage Co.**

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

City: Richmond, Kentucky

Facility: **Sherwin-Williams Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					8,801		8,801
Xylene (mixed isomers)	Taylor's Fork				2,635		2,635
Toluene	Taylor's Fork				1,998		1,998
Methyl ethyl ketone	Taylor's Fork				1,845		1,845
Acetone	Taylor's Fork				1,109		1,109
Methyl isobutyl ketone	Taylor's Fork				958		958
Ethylbenzene	Taylor's Fork				139		139
n-Butyl alcohol	Taylor's Fork				83		83
sec-Butyl alcohol	Taylor's Fork				34		34

City: Richmond, Kentucky

Facility: **Yuasa-exide Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		505	760	510	56	46	1,877
Lead compounds	Silver Creek	250	250	250	39	33	822
Antimony compounds	Silver Creek	250	250		13	13	526
Sulfuric acid	Silver Creek		250				250
Antimony compounds	Unnamed Tributary To Silver			250			250
Barium compounds	Silver Creek		5	5	4		14
Arsenic compounds	Silver Creek		5	5			10
Barium compounds	Unnamed Tributary To Silver	5					5

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Russellville, Kentucky

Facility: **Logan Aluminum Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		7	12	18	15,000		15,037
Ammonia	Austin Creek				15,000		15,000
Manganese	Austin Creek	2	5	12			19
Ethylene glycol	Austin Creek	5	5				10
Chromium	Austin Creek		1	3			4
Copper	Austin Creek		1	3			4

City: Russellville, Kentucky

Facility: **Btr Precision Die Casting**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			115	110	120	72	417
Aluminum (fume or dust)	Unnamed Tributary Of Town		115	110	120	70	415
Copper	Unnamed Tributary Of Town					2	2

City: Shelbyville, Kentucky

Facility: **Bekaert Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				251	255	255	761
Zinc compounds	Isaac Shelby Dr Ind Pk/unnamed			250	250		500
Zinc compounds	Clear Creek					250	250
Lead compounds	Isaac Shelby Dr Ind Pk/unnamed			1	5		6
Lead compounds	Clear Creek					5	5

City: Somerset, Kentucky

Facility: **Somerset Refy. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			1,005	1,005	270	1,005	3,285
Xylene (mixed isomers)	Sinking Creek		250	250	250	250	1,000
Benzene	Sinking Creek		250	250	5	250	755
Toluene	Sinking Creek		250	250	5	250	755
Ethylbenzene	Sinking Creek		250	250	5	5	510
Naphthalene	Sinking Creek		5	5	5	250	265

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Somerset, Kentucky

Facility: **Somerset Refy. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		515					515
Xylene (mixed isomers)	Sinking Creek	250					250
Toluene	Sinking Creek	250					250
Ethylbenzene	Sinking Creek	5					5
Benzene	Sinking Creek	5					5
Naphthalene	Sinking Creek	5					5

City: South Shore, Kentucky

Facility: **North American Refractories**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,000	120	459	1,905	2	3,486
Chromium compounds	Tygarts Creek	750		209	1,905	2	2,866
Ethylene glycol	Tygarts Creek	250		250			500
Chromium compounds	Tygart Creek		120				120

City: Stanford, Kentucky

Facility: **Ceramichrome Inc.**

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

City: Stanton, Kentucky

Facility: **Burke-parsons-bowlby Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					140	15	155
Creosote	Red River				140	15	155

City: Versailles, Kentucky

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		27	255	500	10	10	802
Antimony compounds	Griers Creek	5	250	250			505
Lead compounds	Griers Creek	22	5	250	5	5	287
Antimony compounds	Grier's Creek				5	5	10

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Walton, Kentucky

Facility: **Quality Forest Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						750	750
Arsenic	Mccoys Fork					250	250
Chromium	Mccoys Fork					250	250
Copper	Mccoys Fork					250	250

City: West Paducah, Kentucky

Facility: **U.S. TVA Shawnee Fossil Plant**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						21,000	21,000
Chlorine	Ohio River					21,000	21,000

City: Wickliffe, Kentucky

Facility: **Westvaco Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		117,590	20,060	15,300	75,000	71,500	299,450
Methanol	Mississippi River	110,000	18,000	11,000	72,400	57,700	269,100
Ammonia	Mississippi River	750	660	3,700	2,300	3,000	10,410
Zinc compounds	Mississippi River					7,000	7,000
Acetone	Mississippi River	4,700					4,700
Phenol	Mississippi River	950				3,100	4,050
Chloroform	Mississippi River	250	1,400	600	300	300	2,850
Catechol	Mississippi River	940					940
Acetaldehyde	Mississippi River					250	250
Cresol (mixed isomers)	Mississippi River					150	150

City: Wilder, Kentucky

Facility: **Newport Steel Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,578	255	644	367	1,467	9,311
Zinc (fume or dust)	Licking River	3,943	143	441	161	109	4,797
Lead	Licking River	1,945	92	102	99	78	2,316
Aluminum (fume or dust)	Licking River					1,238	1,238
Copper	Licking River	430	16	66	85	22	619
Chromium	Licking River	260	4	35	22	20	341

Table 9

Toxic water pollution in Kentucky

Companies reporting toxic discharges to water (1990-1994)

City: Winchester, Kentucky

Facility: **Rockwell Intl. Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		16,116					16,116
Diethanolamine	Hancock Creek	16,116					16,116

City: Winchester, Kentucky

Facility: **Southern States Co-op. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		505	10	10	10	10	545
Manganese compounds	Tributary Of Hancock Creek	250	5	5	5	5	270
Zinc compounds	Tributary Of Hancock Creek	250					250
Copper compounds	Tributary Of Hancock Creek	5	5	5	5	5	25

City: Wurtland, Kentucky

Facility: **AVI Microfoam 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
Dichloromethane	Ohio River	250	250	250	250	250	1,250

City: Wurtland, Kentucky

Facility: **PCI Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				255	10	255	520
Ammonia	Ohio River			250	5	250	505
Copper compounds	Ohio River			5	5	5	15