

# Table 9

## Toxic water pollution in Missouri

### Companies reporting toxic discharges to water (1990-1994)

City: Annapolis, Missouri  
 Facility: **Asarco Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		329	273	34	86	340	<b>1,062</b>
Zinc compounds	Big Creek	140	118			244	<b>502</b>
Cadmium compounds	Big Creek	130	112			27	<b>269</b>
Lead compounds	Big Creek	47	34	6		49	<b>136</b>
Zinc (fume or dust)	Big Creek			20	46		<b>66</b>
Copper compounds	Big Creek	5	4			12	<b>21</b>
Cadmium	Big Creek			4	11		<b>15</b>
Lead	Big Creek				13		<b>13</b>
Copper	Big Creek			4	8		<b>12</b>
Nickel compounds	Big Creek	5	3			4	<b>12</b>
Arsenic compounds	Big Creek	2	2			4	<b>8</b>
Nickel	Big Creek				4		<b>4</b>
Arsenic	Big Creek				4		<b>4</b>

City: Boss, Missouri  
 Facility: **Doe Run Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>			1,750	1,005	755	1,250	<b>4,760</b>
Antimony compounds	Crooked Creek		250	250	250	250	<b>1,000</b>
Lead compounds	Crooked Creek		250	250	250	250	<b>1,000</b>
Zinc compounds	Crooked Creek		250	250	250	250	<b>1,000</b>
Arsenic compounds	Crooked Creek		250	250	5	250	<b>755</b>
Copper compounds	Crooked Creek		250			250	<b>500</b>
Sulfuric acid	Crooked Creek		250	5			<b>255</b>
Cadmium compounds	Crooked Creek		250				<b>250</b>

City: Cape Girardeau, Missouri  
 Facility: **Biokyowa Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		47,742	112,127	138,030	379,374	270,745	<b>948,018</b>
Ammonia	Mississippi River	47,742	112,127	138,030	379,374	270,677	<b>947,950</b>
Chlorine	Mississippi River					68	<b>68</b>

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Companies reporting toxic discharges to water (1990-1994)

City: Cape Girardeau, Missouri

Facility: **Spartech Plastics**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		120	119	132			<b>371</b>
Sulfuric acid	Lacroix Creek	120	119	132			<b>371</b>

City: Carthage, Missouri

Facility: **Dyno Nobel Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		56,959	54,830	190,718	263,649	181,028	<b>747,184</b>
Ammonium nitrate (solution)	Center Creek	46,898	43,856	179,478	237,182	170,694	<b>678,108</b>
Nitroglycerin	Center Creek	10,061	10,974	11,240	26,467	10,334	<b>69,076</b>

City: Clarksville, Missouri

Facility: **Holnam Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		219	810	750	750	425	<b>2,954</b>
Chlorine	Mississippi River	219	810	750	750	425	<b>2,954</b>

City: Festus, Missouri

Facility: **Laroche Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		85,300	81,000	95,700	156,030	139,467	<b>557,497</b>
Ammonium nitrate (solution)	Mississippi River	85,300	79,000	77,600	126,830	133,947	<b>502,677</b>
Sulfuric acid	Mississippi River			11,100	21,000		<b>32,100</b>
Ammonia	Mississippi River		2,000	7,000	8,200	5,520	<b>22,720</b>

City: Forest City, Missouri

Facility: **Schuykill Metals Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		113	40	28	35	24	<b>240</b>
Antimony compounds	Canon Creek	104					<b>104</b>
Antimony compounds	Canon's Creek		35		26	21	<b>82</b>
Antimony compounds	Unknown			26			<b>26</b>
Arsenic compounds	Canon's Creek		1		8	1	<b>10</b>
Lead compounds	Canon's Creek		4		1	2	<b>7</b>
Lead compounds	Canon Creek	6					<b>6</b>
Arsenic compounds	Cannon Creek	3					<b>3</b>
Arsenic compounds	Unknown			1			<b>1</b>
Lead compounds	Unknown			1			<b>1</b>

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### Companies reporting toxic discharges to water (1990-1994)

City: Fort Leonard Wood, Missouri  
 Facility: **U.S. Army HQ USAEC**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		13,000	12,000	13,000	13,000	13,250	<b>64,250</b>
Chlorine	Big Piney River	13,000	12,000	13,000	13,000	13,000	<b>64,000</b>
Ethylene glycol	Big Piney River					250	<b>250</b>

City: Hannibal, Missouri  
 Facility: **Continental Cement Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>			33	1,936			<b>1,969</b>
Acetone	Mississippi River		5	820			<b>825</b>
Methanol	Mississippi River			380			<b>380</b>
Methyl ethyl ketone	Mississippi River		1	270			<b>271</b>
Dichloromethane	Mississippi River			170			<b>170</b>
Toluene	Mississippi River		1	130			<b>131</b>
1,1,1-Trichloroethane	Unknown			42			<b>42</b>
Benzene	Mississippi River			28			<b>28</b>
Trichloroethylene	Mississippi River			17			<b>17</b>
Zinc compounds	Mississippi River		14	1			<b>15</b>
Xylene (mixed isomers)	Mississippi River			14			<b>14</b>
Aniline	Mississippi River			5			<b>5</b>
Phthalic anhydride	Mississippi River			5			<b>5</b>
Biphenyl	Mississippi River			5			<b>5</b>
o-Xylene	Mississippi River			5			<b>5</b>
1,2,4-Trimethylbenzene	Mississippi River			5			<b>5</b>
p-Xylene	Mississippi River			5			<b>5</b>
m-Xylene	Mississippi River			5			<b>5</b>
Anthracene	Mississippi River			5			<b>5</b>
Antimony compounds	Mississippi River		5				<b>5</b>
Chromium compounds	Mississippi River			5			<b>5</b>
Nickel compounds	Mississippi River		5				<b>5</b>
Naphthalene	Mississippi River			4			<b>4</b>
Methyl isobutyl ketone	Mississippi River			4			<b>4</b>
Styrene	Mississippi River			3			<b>3</b>
Tetrachloroethylene	Mississippi River			2			<b>2</b>
n-Butyl alcohol	Mississippi River			1			<b>1</b>
sec-Butyl alcohol	Mississippi River		1				<b>1</b>
Ethylbenzene	Mississippi River			1			<b>1</b>
p-Cresol	Mississippi River			1			<b>1</b>
Phenol	Mississippi River			1			<b>1</b>
2-Ethoxyethanol	Mississippi River		1				<b>1</b>
1,4-Dioxane	Mississippi River			1			<b>1</b>
Glycol ethers	Mississippi River			1			<b>1</b>

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### Companies reporting toxic discharges to water (1990-1994)

City: Hayti, Missouri

Facility: **Loxcren Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>					750	750	<b>1,500</b>
Manganese	Little River Ditches Basin (ditch)				250	250	<b>500</b>
Nickel	Little River Ditches Basin (ditch)				250	250	<b>500</b>
Chromium	Little River Ditches Basin (ditch)				250	250	<b>500</b>

City: Hazelwood, Missouri

Facility: **Ford Motor Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>			4,500				<b>4,500</b>
Sulfuric acid	Cold Water Creek		4,500				<b>4,500</b>

City: Herculaneum, Missouri

Facility: **Doe Run Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		420	525	778	3,063	1,107	<b>5,893</b>
Lead compounds	Mississippi River	250	250	225	1,413	354	<b>2,492</b>
Arsenic compounds	Mississippi River	20	5	326	1,135	46	<b>1,532</b>
Zinc compounds	Mississippi River	109	5	122	145	619	<b>1,000</b>
Copper compounds	Mississippi River	5	250	74	202	33	<b>564</b>
Cadmium compounds	Mississippi River	31	5	16	61	45	<b>158</b>
Nickel compounds	Mississippi River	5	5	5	102	5	<b>122</b>
Cobalt compounds	Mississippi River			5	5	5	<b>15</b>
Sulfuric acid	Mississippi River		5	5			<b>10</b>

City: Imperial, Missouri

Facility: **Masterchem Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		13	10	250			<b>273</b>
Ethylene glycol	Glaize Creek	13	5	250			<b>268</b>
Glycol ethers	Glaize Creek		5				<b>5</b>

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### Companies reporting toxic discharges to water (1990-1994)

City: Independence, Missouri

Facility: **Olin Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		1,750	216	185	136		<b>2,287</b>
Zinc compounds	Little Blue River	750	78	70	54		<b>952</b>
Copper	Little Blue River	250	128	61	26		<b>465</b>
Lead compounds	Little Blue River	250	8	52	54		<b>364</b>
Antimony	Little Blue River	250	2	2	2		<b>256</b>
Chlorine	Little Blue River	250					<b>250</b>

City: Independence, Missouri

Facility: **U.S. Army Lake City Army**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>						196	<b>196</b>
Zinc compounds	Little Blue River					90	<b>90</b>
Lead compounds	Little Blue River					65	<b>65</b>
Copper	Little Blue River					39	<b>39</b>
Antimony	Little Blue River					2	<b>2</b>

City: Jackson, Missouri

Facility: **Lee-Rowan**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		55		4,464	1,291		<b>5,810</b>
Nickel	Unknown	5		4,449	1,276		<b>5,735</b>
Hydrochloric acid	Unknown	5		5	5		<b>25</b>
Sulfuric acid	Unknown	5		5	5		<b>20</b>
Nickel	Hubble Creek	5			5		<b>10</b>
Chlorine	Unknown	5					<b>10</b>
Hydrochloric acid	Hubble Creek	5					<b>5</b>
Sulfuric acid	Hubble Creek	5					<b>5</b>

City: Joplin, Missouri

Facility: **ICI Explosives USA Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		148,987	130,505	6,050	8,673	66,989	<b>361,204</b>
Ammonia	Grove Creek	147,967	73,000	2,549	40		<b>223,556</b>
Ammonium nitrate (solution)	Grove Creek	5	47,500	747	7,150	66,491	<b>121,893</b>
Sulfuric acid	Grove Creek	250	7,100	1,720	598	116	<b>9,784</b>
Nitric acid	Grove Creek	250	2,400	53	324	382	<b>3,409</b>
Nitroglycerin	Grove Creek	250	250	726	545		<b>1,771</b>
Barium compounds	Grove Creek	5	250	250	11		<b>516</b>
Ethylene glycol	Grove Creek	250	5	5	5		<b>265</b>
Aluminum (fume or dust)	Grove Creek	5					<b>5</b>
Hydrochloric acid	Grove Creek	5					<b>5</b>

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Companies reporting toxic discharges to water (1990-1994)

City: Joplin, Missouri

Facility: **Eagle-picher Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		250	250	250	250	5	<b>1,005</b>
Lead compounds	Turkey Creek		250	250	250		<b>750</b>
Lead compounds	Unknown	250					<b>250</b>
Lead compounds	Lone Elm Creek					5	<b>5</b>

City: Joplin, Missouri

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		500	250	250			<b>1,000</b>
Zinc compounds	Turkey Creek	250	250	250			<b>750</b>
Silver compounds	Turkey Creek	250					<b>250</b>

City: Joplin, Missouri

Facility: **Tamko Roofing Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		250	250				<b>500</b>
Formaldehyde	Turkey Creek	250	250				<b>500</b>

City: Kansas City, Missouri

Facility: **Bayer Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		190,042	75,508	44,690	27,401	48,944	<b>386,585</b>
Ammonia	Missouri River	68,379	26,569	37,332	27,000	42,992	<b>202,272</b>
Ammonia	Blue River	111,566	40,356				<b>151,922</b>
Methanol	Missouri River	2,535	3,014	6,725	66	5,653	<b>17,993</b>
Methanol	Blue River	4,136	4,579				<b>8,715</b>
1,2-Dichloroethane	Blue River	1,544					<b>1,544</b>
1,2-Dichloroethane	Missouri River	947					<b>947</b>
Ethylene glycol	Missouri River	205	171	241	35		<b>652</b>
Ethylene glycol	Blue River	335	259				<b>594</b>
Formaldehyde	Missouri River	79	93	152	69	126	<b>519</b>
Toluene	Missouri River	39	78	131	140	131	<b>519</b>
Formaldehyde	Blue River	128	142				<b>270</b>
Toluene	Blue River	63	118				<b>181</b>
1,2,4-Trimethylbenzene	Missouri River	15	12	40	41	8	<b>116</b>
Chlorophenols	Missouri River	9	3	12	9	17	<b>50</b>
1,2,4-Trimethylbenzene	Blue River	24	19				<b>43</b>
m-Xylene	Missouri River		5	17	17	4	<b>43</b>
Methyl isobutyl ketone	Missouri River	6	4	20	4		<b>34</b>
Trichlorfon	Missouri River	2	4	9	7	9	<b>31</b>
Chlorine	Blue River		30				<b>30</b>
o-Xylene	Missouri River		2	8	8	2	<b>20</b>
Chlorine	Missouri River		20				<b>20</b>
Chlorophenols	Blue River	15	4				<b>19</b>

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 Missouri

### Companies reporting toxic discharges to water (1990-1994)

City: Kansas City, Missouri

Facility: **Bayer Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		190,042	75,508	44,690	27,401	48,944	<b>386,585</b>
Methyl isobutyl ketone	Blue River	9	6				15
Trichlorfon	Blue River	4	5				9
m-Xylene	Blue River		8				8
o-Xylene	Blue River		4				4
Naphthalene	Missouri River			1	1	1	3
Carbon disulfide	Missouri River				1	1	2
Naphthalene	Blue River	1	1				2
Ethylbenzene	Blue River	1	1				2
Ethylbenzene	Missouri River			1	1		2
Phenol	Missouri River			1	1		2
Phenol	Blue River		1				1
Hydrazine	Missouri River				1		1

City: Kansas City, Missouri

Facility: **Wire Rope Corp. Of America**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		7,364					<b>7,364</b>
Sulfuric acid	Blue River	5,544					5,544
Nitric acid	Blue River	1,320					1,320
Hydrochloric acid	Blue River	250					250
Zinc compounds	Blue River	250					250

City: Kansas City, Missouri

Facility: **Armco Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		500	5	500	500		<b>1,505</b>
Lead compounds	Blue River	250	5	250	250		755
Zinc compounds	Blue River	250		250	250		750

City: Kansas City, Missouri

Facility: **Marion Merrell Dow Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		500	500	5	17	11	<b>1,033</b>
Dichloromethane	Unnamed Tributary To The Blue		250				250
Hydrochloric acid	Unnamed Tributary Of The Blue		250				250
Hydrochloric acid	Un-named Tributary Of The Blue	250					250
Dichloromethane	Un-named Tributary Of The Blue	250					250
Hydrochloric acid	Unnamed Tributary To The Blue			5	13		18
Phosphoric acid	Unnamed Tributary Of The Blue				4	4	8
Hydrochloric acid	Unnamed Tributary To Blue					7	7

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# Toxic water pollution in Missouri

### Companies reporting toxic discharges to water (1990-1994)

City: Kansas City, Missouri

Facility: **Noramtech Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		255	255	255	250		<b>1,015</b>
Phosphoric acid	Unknown	250	250	250	250		<b>1,000</b>
Dichloromethane	Unknown	5	5	5			<b>15</b>

City: Kansas City, Missouri

Facility: **GS Techs. Operating Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>					500	250	<b>750</b>
Lead compounds	Blue River				250	250	<b>500</b>
Zinc compounds	Blue River				250		<b>250</b>

City: La Grange, Missouri

Facility: **Gardner-denver Machinery Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		255	152	124	505	378	<b>1,414</b>
Manganese	Mississippi River	250	145	119	492	349	<b>1,355</b>
Copper	Mississippi River	5	7	5	13	29	<b>59</b>

City: Louisiana, Missouri

Facility: **Dyno Nobel Inc. Lomo Plant**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		932,740	720,480	600,650	570,220	560,110	<b>3,384,200</b>
Ammonium nitrate (solution)	Mississippi River	930,000	720,000	600,000	570,000	560,000	<b>3,380,000</b>
Ammonia	Mississippi River	2,100	160	500			<b>2,760</b>
Ammonium nitrate (solution)	Buffalo Creek	640	320	150	220	110	<b>1,440</b>

City: Louisiana, Missouri

Facility: **Missouri Chemical Works**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		960	915	102	1,202	151	<b>3,330</b>
Ammonia	Mississippi River	960	900	100	1,200	150	<b>3,310</b>
Ammonia	Buffalo Creek		15	2	2	1	<b>20</b>



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### Companies reporting toxic discharges to water (1990-1994)

City: Malden, Missouri  
 Facility: **Federal Mogul Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>						255	<b>255</b>
Nickel	Unnamed Tributary To Ditch B					250	<b>250</b>
Copper	Unnamed Tributary To Ditch B					5	<b>5</b>

City: Mexico, Missouri  
 Facility: **A. P. Green Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		2,070	2,420	960	400	600	<b>6,450</b>
Sulfuric acid	Salt River	1,600	2,000	560			<b>4,160</b>
Phosphoric acid	Salt River	470	420	400	400	600	<b>2,290</b>

City: Milan, Missouri  
 Facility: **Premium Standard Foods**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>						750	<b>750</b>
Ammonia	East Fork Locust Creek					750	<b>750</b>

City: Noel, Missouri  
 Facility: **Hudson Foods Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>				4,337	2,661	3,285	<b>10,283</b>
Ammonia	Elk River			4,337	2,661	3,285	<b>10,283</b>

City: North Kansas City, Missouri  
 Facility: **Cook Composites & Polymers Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		2,565					<b>2,565</b>
Styrene	Missouri River	1,065					<b>1,065</b>
Ethylene glycol	Missouri River	250					<b>250</b>
Formaldehyde	Missouri River	250					<b>250</b>
Glycol ethers	Missouri River	250					<b>250</b>
n-Butyl alcohol	Missouri River	250					<b>250</b>
Phthalic anhydride	Missouri River	250					<b>250</b>
Xylene (mixed isomers)	Missouri River	250					<b>250</b>

## Table 9

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### Companies reporting toxic discharges to water (1990-1994)

City: O'fallon, Missouri

Facility: **Memc Electronic Materials Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		53	50				<b>103</b>
Ethylene glycol	Belleau Creek	42	50				<b>92</b>
Freon 113	Belleau Creek	11					<b>11</b>

City: Palmyra, Missouri

Facility: **American Cyanamid Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		22,100	25,540	7,767	3,902	12,540	<b>71,849</b>
Ammonia	Mississippi River	22,000	24,000	6,222	2,352	11,000	<b>65,574</b>
Methanol	Mississippi River	5	250	250	250	250	<b>1,005</b>
Dichloromethane	Mississippi River	5	250	250	250	250	<b>1,005</b>
o-Xylene	Mississippi River	5	250	250	250	250	<b>1,005</b>
1,2-Dichloroethane	Mississippi River	5	250	250	250	250	<b>1,005</b>
Methyl isobutyl ketone	Mississippi River	5	250	250	250	250	<b>1,005</b>
Toluene	Mississippi River	5	250	250	250	250	<b>1,005</b>
Formaldehyde	Mississippi River	5	5	5	5	5	<b>25</b>
Naphthalene	Mississippi River	5	5	5	5	5	<b>25</b>
Cyanide compounds	Mississippi River	5	5	5	5	5	<b>25</b>
Acetone	Mississippi River	5	5	5	5		<b>20</b>
Chlorobenzene	Mississippi River	5	5	5	5		<b>20</b>
Trifluralin	Mississippi River	5	5		5	5	<b>20</b>
Hydrochloric acid	Mississippi River	5		5	5	5	<b>20</b>
Sulfuric acid	Mississippi River	5		5	5	5	<b>20</b>
Nitric acid	Mississippi River	5		5	5	5	<b>20</b>
Copper compounds	Mississippi River	5		5	5	5	<b>20</b>
Ethylene glycol	Mississippi River	5	5				<b>10</b>
Phosphoric acid	Mississippi River	5	5				<b>10</b>
Ammonium sulfate (solution)	Mississippi River	5					<b>5</b>
Butyl benzyl phthalate	Mississippi River	5					<b>5</b>

City: Pleasant Hill, Missouri

Facility: **International Paper**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>						750	<b>750</b>
Arsenic compounds	Big Creek					250	<b>250</b>
Chromium compounds	Big Creek					250	<b>250</b>
Copper compounds	Big Creek					250	<b>250</b>

# Table 9

## Toxic water pollution in Missouri

### Companies reporting toxic discharges to water (1990-1994)

City: Portageville, Missouri  
 Facility: **Plastene Supply Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		1,090	773	1,654	1,588	2,012	<b>7,117</b>
Methyl ethyl ketone	Portage Open Bay Ditch			667	550	550	<b>1,767</b>
Copper	Portage Open Bay Ditch		320	353	430	605	<b>1,708</b>
Nickel	Portage Open Bay Ditch		234	371	430	638	<b>1,673</b>
Copper	Portage Open Bay	480					<b>480</b>
Formaldehyde	Portage Open Bay Ditch		130	110	110	110	<b>460</b>
Chromium	Portage Open Bay Ditch		89	70	68	109	<b>336</b>
Nickel	Portage Open Bay	290					<b>290</b>
Formaldehyde	Portage Open Bay	180					<b>180</b>
Chromium	Portage Open Bay	140					<b>140</b>
Acetone	Portage Open Bay Ditch			76			<b>76</b>
Toluene	Portage Open Bay Ditch			7			<b>7</b>

City: Saint Joseph, Missouri  
 Facility: **Albaugh Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		20	20	5	67	20	<b>132</b>
2,4-D (acetic acid)	Missouri River	5	5	5	52	5	<b>72</b>
Ethylene glycol	Missouri River	5	5			5	<b>15</b>
2,4-Dichlorophenol	Missouri River				5	5	<b>10</b>
Xylene (mixed isomers)	Missouri River	5	5				<b>10</b>
Hydrochloric acid	Missouri River				5	5	<b>10</b>
Copper compounds	Missouri River	5	5				<b>10</b>
n-Butyl alcohol	Missouri River				5		<b>5</b>

City: Saint Joseph, Missouri  
 Facility: **Johnson Controls**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		100			5	5	<b>110</b>
Lead compounds	Missouri River	100					<b>100</b>
Lead compounds	St. Joseph Storm Sewer To				5	5	<b>10</b>

City: Saint Louis, Missouri  
 Facility: **Lee-Rowan Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		55	2,229	1,930	1,111		<b>5,325</b>
Nickel	Unknown	5	913	1,915	1,101		<b>5,210</b>
Hydrochloric acid	Unknown	5	5	5	5		<b>40</b>
Sulfuric acid	Unknown	5	5	5	5		<b>40</b>
Chlorine	Unknown	5	5	5			<b>20</b>
Nickel	Hubble Creek	5					<b>5</b>
Sulfuric acid	Hubble Creek	5					<b>5</b>
Hydrochloric acid	Hubble Creek	5					<b>5</b>

## Table 9

# Toxic water pollution in Missouri

Companies reporting toxic discharges to water (1990-1994)

City: Saint Louis, Missouri

Facility: **McDonnell Douglas Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		282	315	110	250	91	<b>1,048</b>

City: Saint Louis, Missouri

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
Benzene	Cold Water Creek	250	250				<b>500</b>
Chromium	Cold Water Creek	32	65	110	250		<b>457</b>
Chromium compounds	Cold Water Creek					91	<b>91</b>

City: Sedalia, Missouri

Facility: **Rhone-poulenc Surfactants &**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		373	396				<b>769</b>
Ammonia	Shaver Creek	271	330				<b>601</b>
Glycol ethers	Shaver Creek	100	66				<b>166</b>
Cobalt compounds	Shaver Creek	2					<b>2</b>

City: Springfield, Missouri

Facility: **Paul Mueller Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>			485	1,250	1,250	1,250	<b>4,235</b>
Aluminum (fume or dust)	Jordan Creek			250	250	250	<b>750</b>
Manganese	Jordan Creek			250	250	250	<b>750</b>
Chromium	Jordan Creek			250	250	250	<b>750</b>
Copper	Jordan Creek			250	250	250	<b>750</b>
Nickel	Jordan Creek				250	250	<b>500</b>
Nickel	Jordan Creek, MO		100	250			<b>350</b>
Manganese	Jordan Creek, MO		100				<b>100</b>
Chromium	Jordan Creek, MO		100				<b>100</b>
Copper	Jordan Creek, MO		100				<b>100</b>
Aluminum (fume or dust)	Jordan Creek, MO		85				<b>85</b>

# Table 9

## Toxic water pollution in Missouri

### Companies reporting toxic discharges to water (1990-1994)

City: Springfield, Missouri

Facility: **Litton**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		1,270	505	510	505	250	<b>3,040</b>
Copper compounds	Sac River			250	250	250	<b>750</b>
Lead	Sac River	250	250				<b>500</b>
Lead compounds	Sac River			250	250		<b>500</b>
Copper	Sac River		250				<b>250</b>
Sulfuric acid	Sac River	250					<b>250</b>
Hydrochloric acid	Sac River	250					<b>250</b>
Aluminum (fume or dust)	Sac River	250					<b>250</b>
Dichloromethane	Sac River	250					<b>250</b>
Formaldehyde	Sac River	5		5	5		<b>15</b>
Glycol ethers	Sac River		5	5			<b>10</b>
Nitric acid	Sac River	5					<b>5</b>
Ethylene glycol	Sac River	5					<b>5</b>
Chlorine	Sac River	5					<b>5</b>

City: Springfield, Missouri

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

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>					564	345	<b>909</b>
Creosote	Unnammed Tributary To Little				540		<b>540</b>
Creosote	Unnamed Tributary To Little Sac					299	<b>299</b>
Creosote	Unnamed Tributary To Wilson				24	46	<b>70</b>

City: Springfield, Missouri

Facility: **Solid State Circuits Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
<b>All toxic chemicals</b>		250	58	33	23	5	<b>369</b>
Ammonia	Unnamed Tributary To Wilson	145			15		<b>160</b>
Copper compounds	Unnamed Tributary To Wilson	81					<b>81</b>
Copper compounds	Unamed Tributary To Wilsons		32				<b>32</b>
Lead compounds	Unnamed Tributary To Wilson	24			1		<b>25</b>
Ammonia	Unamed Tributary To Wilsons		20				<b>20</b>
Ammonia	James River Basin			15			<b>15</b>
Copper compounds	James River Basin			12			<b>12</b>
Copper compounds	Unnamed Tributary To Wilson				2	5	<b>7</b>
Glycol ethers	Unamed Tributary To Wilsons		5				<b>5</b>
Glycol ethers	James River Basin			5			<b>5</b>
Glycol ethers	Unamed Tributary Of Wilsons				5		<b>5</b>
Lead compounds	Unamed Tributary To Wilsons		1				<b>1</b>
Lead compounds	James River Basin			1			<b>1</b>

## Table 9

# Toxic water pollution in Missouri

Companies reporting toxic discharges to water (1990-1994)

City: Versailles, Missouri

Facility: **Gates Rubber Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>						250	<b>250</b>
Hydrochloric acid	Moreau River					250	<b>250</b>

City: Warrenton, Missouri

Facility: **Warrenton Resources Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>		24	28	255	250	5	<b>562</b>
Copper	North Fork Charrette Crk (wet				250		<b>250</b>
Copper compounds	Wet Weather Tributary To North			250			<b>250</b>
Copper compounds	Wet Weather Tributary North		23				<b>23</b>
Copper	Trib. To North Fork Charrette	19					<b>19</b>
Copper	North Fork Charrette Creek					5	<b>5</b>
Zinc compounds	Wet Weather Tributary North		5				<b>5</b>
Zinc compounds	Wet Weather Tributary To North			5			<b>5</b>
Zinc (fume or dust)	Trib To Northfork Charrette	4					<b>4</b>
Lead	Trib To North Fork Charrette	1					<b>1</b>

City: Wellsville, Missouri

Facility: **Wellsville Fire Brick Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
<b>All toxic chemicals</b>			5	255	10	15	<b>285</b>
Chromium compounds	Branch Of Little Coon Creek			250	5	5	<b>260</b>
Phosphoric acid	Branch Of Little Coon Creek			5	5	5	<b>15</b>
Phenol	Branch Of Little Coon Creek					5	<b>5</b>
Phosphoric acid	Branch Of Little Coon River		5				<b>5</b>