

Table 9

Toxic water pollution in Massachusetts

Companies reporting toxic discharges to water (1990-1994)

City: Athol, Massachusetts

Facility: **L. S. Starrett Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	20	510	25	15	820
Copper	Millers River		5	250	5	5	265
Trichloroethylene	Millers River	250			5	5	260
Manganese	Millers River		5	250	5		260
Chromium	Millers River		5	5	5	5	20
Toluene	Millers River			5	5		10
Dichloromethane	Millers River		5				5

City: Attleboro, Massachusetts

Facility: **Texas Instruments Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,606	2,260	1,093	1,560	2,024	9,543
Ammonia	Cooper's Pond	540	1,090	250	750	1,645	4,275
Ammonia	Speedway Brook	1,280	750	750	250	46	3,076
Copper compounds	Speedway Brook	359	31	39	5	250	684
Nickel compounds	Cooper's Pond		221	10	250	17	498
Copper compounds	Cooper's Pond	64	120	9	250	17	460
Nickel	Speedway Brook	250					250
Chromium	Speedway Brook	77	1				78
Silver compounds	Cooper's Pond	1	17	1	19	6	44
Silver compounds	Speedway Brook	23	1	1		5	30
Cyanide compounds	Cooper's Pond	1	5	5	5	12	28
Nickel compounds	Speedway Brook		5	5	5	5	20
Chromium compounds	Cooper's Pond			5	8	6	19
Chromium compounds	Speedway Brook			5	5	5	15
Cyanide compounds	Speedway Brook		5	5	5		15
Barium compounds	Cooper's Pond	5	1	1	1	5	13
Chromium	Cooper's Pond	1	11				12
Trichloroethylene	Speedway Brook	1	1	2	2	5	11
Barium compounds	Speedway Brook		1	5			6
Silver compounds	Speedyway Brook				5		5
Nickel	Cooper's Pond	4					4

City: Braintree, Massachusetts

Facility: **Wollaston Alloys Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					505	505	1,010
Nickel	Old Quincy Reservoir				250	250	500
Copper	Old Quincy Reservoir				250	250	500
Chromium	Old Quincy Reservoir				5	5	10

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City: Clinton, Massachusetts

Facility: **Surprenant Cable Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		45	39	53	52	1	190
Copper	Counterpain Brook	36	36	26	29		127
Lead compounds	Counterpain Brook	9	3	27	23	1	63

City: Dalton, Massachusetts

Facility: **Crane & Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,070	3,481	3,531	1,708		11,790
Formaldehyde	Housatonic River	3,070	3,481	3,531	1,708		11,790

City: Dighton, Massachusetts

Facility: **Zeneca Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		218,100	139,060	47,810	13,551	5	418,526
Ammonium sulfate (solution)	Muddy Cove Brook	187,600	133,000	23,800			344,400
Ammonium sulfate (solution)	Taunton River			23,800			23,800
Acetone	Muddy Cove Brook	21,700					21,700
Ammonia	Taunton River				13,500		13,500
Ammonia	Muddy Cove Brook	7,900	5,400		30		13,330
Copper compounds	Muddy Cove Brook	700	360	65	5	5	1,135
Chromium compounds	Muddy Cove Brook	200	300	50	3		553
Copper compounds	Taunton River			55	3		58
Chromium compounds	Taunton River			40	10		50

City: East Boston, Massachusetts

Facility: **Northwest Airlines**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			229,000				229,000
Ethylene glycol	Boston Harbor		229,000				229,000

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City: East Boston, Massachusetts

Facility: **Mobil Oil Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250		250	1,200		1,700
Zinc compounds	Chelsea River	250		250	1,200		1,700

City: Everett, Massachusetts

Facility: **Monsanto Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		900					900
Hydrochloric acid	Mystic River	900					900

City: Fall River, Massachusetts

Facility: **Globe Mfg. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					1,535		1,535
Sulfuric acid	Quiquechan River				1,535		1,535

City: Lawrence, Massachusetts

Facility: **Voltek**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				38	34	66	138
Zinc compounds	Merrimack River			38		66	104
Zinc compounds	Primac River				34		34

City: Lowell, Massachusetts

Facility: **Raytheon Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		10	250				260
Copper	Concord River		250				250
Methyl ethyl ketone	Concord River	5					5
1,1,1-Trichloroethane	Concord River	5					5

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City: Mansfield, Massachusetts

Facility: **Vista Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15	15	260	265	510	1,065
Lead compounds	Rumford River	5	5	250	250		510
Antimony compounds	Rum Ford River					250	250
Lead compounds	Rum Ford River					250	250
Antimony compounds	Rumford River	5	5	5	5		20
Barium compounds	Rumford River	5	5	5	5		20
Bis(2-ethylhexyl) adipate	Rumford River				5		5
Bis(2-ethylhexyl) adipate	Rum Ford River					5	5
Barium compounds	Rum Ford River					5	5

City: New Bedford, Massachusetts

Facility: **Revere Copper Prods. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,920	750	750	148	96	14,664
Sulfuric acid	Acushnet River	11,920					11,920
Nickel compounds	Acushnet River	250	250	250	80	39	869
Copper compounds	Acushnet River	250	250	250	43	39	832
Manganese compounds	Acushnet River	250	250	250	25	18	793
Zinc compounds	Acushnet River	250					250

City: New Bedford, Massachusetts

Facility: **Aerovox 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
Zinc (fume or dust)	Acushnet River	250	250	250	250	250	1,250

City: Newburyport, Massachusetts

Facility: **Gould Shawmut**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		55	25	21	250	20	371
Copper	Merrimack River	50	25	21	250	20	366
Sulfuric acid	Merrimack River	5					5

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City: North Andover, Massachusetts
 Facility: **AT&T**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		7,980	3,822	1,520	1,052	790	15,164
Ammonia	Merrimack River	5,400	2,200	250	250		8,100
Glycol ethers	Merrimack River	750	750	250	750	750	3,250
Copper compounds	Merrimack River	695	100	250	34	40	1,119
Methanol	Merrimack River	250	250	250			750
1,1,1-Trichloroethane	Merrimack River	250	250	250			750
Dichloromethane	Merrimack River	250	250	250			750
Acetone	Merrimack River	250	5	5	5		265
Lead compounds	Merrimack River	125	7	5	13		150
Freon 113	Merrimack River	5	5	5			15
Xylene (mixed isomers)	Merrimack River	5	5	5			15

City: North Grafton, Massachusetts
 Facility: **Wyman-Gordon Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		775	89	27	10,350	42	11,283
Nitric acid	Bonny Brook				10,325		10,325
Chromium	East Brook	250					250
Copper	East Brook	250					250
Nickel	East Brook	250					250
Copper	Unknown		22	9	9	4	87
Nickel	Unknown		23	12	12	3	72
Chromium	Unknown		7	1	1	1	13
Copper	Bonny Brook	5		2	1	1	9
Nickel	Bonny Brook		2	1	2	2	7
Chromium	Bonny Brook	5					5
Nickel	Boony Brook	5					5
Cobalt	East Brook	5					5
Cobalt	Bonny Brook	5					5

City: Northbridge, Massachusetts
 Facility: **Allied Prods. Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15	5	40	71	32	163
Barium compounds	Blackstone River			35	37		72
Zinc compounds	Blackstone River				29	27	56
Antimony compounds	Blackstone River	5	5	5	5	5	25
Lead compounds	Blackstone River	5					5
Butyl benzyl phthalate	Blackstone River	5					5

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Companies reporting toxic discharges to water (1990-1994)

City: Norwood, Massachusetts
 Facility: **Olympic Adhesives Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	750				755
Butyl benzyl phthalate	Unknown	5	750				755

City: Norwood, Massachusetts
 Facility: **Bird Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		135	134	149	125	153	696
Chromium compounds	Neponset River	78	85	73	66	73	375
Zinc compounds	Neponset River	57	49	67	53	64	290
Manganese compounds	Neponset River			9	6	11	26
Antimony compounds	Neponset River					5	5

City: Otter River, Massachusetts
 Facility: **Seaman Paper Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		8,776		3,871	4,565		17,212
Ethylene glycol	Otter River			3,871	4,565		8,436
Ammonia	Otter River	8,026					8,026
Manganese	Otter River	750					750

City: Pepperell, Massachusetts
 Facility: **Pepperell Paper Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	6,375	2,908			9,288
Ammonium sulfate (solution)	Nashua River		5,100				5,100
Ammonia	Nashua River		1,275	2,908			4,183
Copper	Nashua River	5					5

City: Pittsfield, Massachusetts
 Facility: **General Electric Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260	140	128	158	203	889
Zinc compounds	Housatonic River	260	130	120	150	190	850
Antimony compounds	Housatonic River		10	8	8	13	39

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City: South Attleboro, Massachusetts

Facility: **American-northeast Cable**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		633	25	107	34		799
Copper	Blackstone River	264	5	56			325
Lead compounds	Blackstone River	229	5	5	5		244
Zinc compounds	Blackstone River		5	41	24		70
Barium compounds	Blackstone River	35	5				40
Antimony compounds	Blackstone River	35					35
Chromium compounds	Blackstone River	35					35
Cadmium compounds	Blackstone River	35					35
Nickel compounds	Blackstone River		5	5	5		15

City: South Hadley, Massachusetts

Facility: **Rexham Graphics Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		520				11	531
Toluene	Buttery Brook	520					520
Zinc (fume or dust)	Buttery Brook					11	11

City: Springfield, Massachusetts

Facility: **Monsanto Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			3,700	3,700	3,700	3,707	14,807
Methanol	Chicopee River		3,700	3,700	3,700	3,700	14,800
n-Butyl alcohol	Chicopee River					3	3
Formaldehyde	Chicopee River					2	2
Butyraldehyde	Chicopee River					2	2

City: Turners Falls, Massachusetts

Facility: **Strathmore Paper Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					231		231
Copper compounds	Connecticut River				226		226
Phosphoric acid	Connecticut River				5		5

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City: West Groton, Massachusetts

Facility: **Hollingsworth & Vose Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		6,010	6,003	7,306	4,200	3,200	26,719
Ammonia	Squannacook River	6,000	6,000	7,300	4,200	3,200	26,700
Sulfuric acid	Squannacook River	10	3	6			19

City: Westminster, Massachusetts

Facility: **Advance Coatings Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		20	260				280
Styrene	Unknown		250				250
Phthalic anhydride	Unknown	5	5				15
Maleic anhydride	Unknown	5	5				15

City: Wilmington, Massachusetts

Facility: **Altron Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					193	19	212
Ammonia	Ipswich River				187	10	197
Copper	Ipswich River				6	5	11
Formaldehyde	Ipswich River					4	4

City: Worcester, Massachusetts

Facility: **New England Plating Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		342	338	353	431	202	1,666
Zinc compounds	Blackstone River	296	290	292	267	144	1,289
Cyanide compounds	Blackstone River	46	48	61	164	58	377