

Table 9

Toxic water pollution in Maine

Companies reporting toxic discharges to water (1990-1994)

City: Augusta, Maine

Facility: **Statler Tissue Co.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|------|------|------|------|--------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 155 | 331 | 550 | 933 | 938 | 2,907 |
| Ammonia | Kennebec River | 155 | 149 | 550 | 933 | 938 | 2,725 |
| Chlorine | Kennebec River | | 182 | | | | 182 |

City: Bath, Maine

Facility: **Bath Iron Works Corp.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|------|------|------|------|------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | | 15 | 15 | 260 | 15 | 305 |
| Copper | Kennebec River | | 5 | 5 | 250 | 5 | 265 |
| Nickel | Kennebec River | | 5 | 5 | 5 | 5 | 20 |
| Chromium | Kennebec River | | 5 | 5 | 5 | 5 | 20 |

City: Brewer, Maine

Facility: **Eastern Fine Paper Inc.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|-------|------|------|------|--------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | | 4,100 | | | | 4,100 |
| Chlorine | Penobscot River | | 4,100 | | | | 4,100 |

City: Bucksport, Maine

Facility: **Champion Intl. Corp.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|------|------|--------|--------|----------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 129,112 | 56 | 205 | 34,543 | 18,882 | 182,798 |
| Ammonia | Penobscot River | 124,177 | 56 | 205 | 43 | 175 | 124,656 |
| Glycol ethers | Penobscot River | | | | 34,500 | 18,707 | 53,207 |
| Sulfuric acid | Penobscot River | 4,935 | | | | | 4,935 |

City: East Millinocket, Maine

Facility: **Bowater/Great Northern Paper**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|--------|--------|--------|--------|---------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 14,000 | 13,900 | 14,350 | 15,850 | 12,750 | 70,850 |
| Chlorine | Penobscot River | 14,000 | 9,500 | 9,800 | 9,900 | 8,900 | 52,100 |
| Ethylene glycol | Penobscot River | | 4,400 | 3,800 | 5,200 | 3,100 | 16,500 |
| Ammonia | Penobscot River | | | 750 | 750 | 750 | 2,250 |

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Companies reporting toxic discharges to water (1990-1994)

City: Jay, Maine

Facility: **International Paper**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|--------------------|---|---------|---------|---------|--------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 257,600 | 250,000 | 145,961 | 209,648 | 83,938 | 947,147 |
| Ammonia | Androscoggin River | 214,900 | 228,400 | 39,354 | 30,188 | 24,914 | 537,756 |
| Manganese | Androscoggin River | | | 83,800 | 90,811 | | 174,611 |
| Glycol ethers | Androscoggin River | | | | 77,707 | 57,337 | 135,044 |
| Ethylene glycol | Androscoggin River | 30,200 | 7,000 | 9,256 | | | 46,456 |
| Acetone | Androscoggin River | 5,900 | 5,700 | 5,651 | 7,452 | | 24,703 |
| Catechol | Androscoggin River | 3,900 | 5,700 | 5,300 | 250 | 177 | 15,327 |
| Chloroform | Androscoggin River | 2,700 | 3,200 | 2,600 | 1,439 | | 9,939 |
| Acetaldehyde | Androscoggin River | | | | | 1,297 | 1,297 |
| Phenol | Androscoggin River | | | | 1,051 | 213 | 1,264 |
| Methyl ethyl ketone | Androscoggin River | | | | 750 | | 750 |

City: Leeds, Maine

Facility: **Nutrite Corp.**

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

City: Lewiston, Maine

Facility: **Phillips Elmet**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|---------------------------|---|------|------|------|------|------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | | | 250 | 250 | 17 | 517 |
| Molybdenum trioxide | Unknown | | | 250 | | | 250 |
| Molybdenum trioxide | Unnamed Tributary To Hart | | | | 250 | | 250 |
| Molybdenum trioxide | Tributary To Hart Brook | | | | | 17 | 17 |

City: Lincoln, Maine

Facility: **Lincoln Pulp & Paper Co. Inc.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-----------------|---|-------|-------|-------|-------|---------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 5,305 | 4,950 | 4,630 | 4,920 | 4,440 | 24,245 |
| Acetone | Penobscot River | 2,300 | 2,200 | 2,400 | 2,800 | | 9,700 |
| Chloroform | Penobscot River | 2,000 | 1,500 | 1,600 | 1,500 | 1,500 | 8,100 |
| Zinc compounds | Penobscot River | | | | | 2,100 | 2,100 |
| Ammonia | Penobscot River | 250 | 750 | 250 | 250 | 250 | 1,750 |
| Catechol | Penobscot River | 250 | 250 | 250 | 250 | 250 | 1,250 |
| Copper compounds | Penobscot River | 250 | 250 | 130 | 120 | 90 | 840 |
| Acetaldehyde | Penobscot River | | | | | 250 | 250 |
| Hydrochloric acid | Penobscot River | 250 | | | | | 250 |
| Chlorine | Penobscot River | 5 | | | | | 5 |

Table 9

Toxic water pollution in Maine

Companies reporting toxic discharges to water (1990-1994)

City: Madawaska, Maine

Facility: **Fraser Paper Ltd.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|--------|------|------|------|---------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 19,988 | 12,157 | 9 | 11 | 5 | 32,170 |
| Chlorine | St. John River | 15,707 | 12,150 | | | | 27,857 |
| Glycol ethers | St. John River | 4,276 | | | | | 4,276 |
| Ammonia | St. John River | 5 | 7 | 9 | 11 | 5 | 37 |

City: Millinocket, Maine

Facility: **Bowater/Great Northern Paper**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|--------------------|---|--------|--------|--------|--------|---------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 8,300 | 15,250 | 15,750 | 13,750 | 12,950 | 66,000 |
| Chlorine | Millinocket Stream | 6,800 | 7,300 | 7,600 | 6,900 | 7,200 | 35,800 |
| Zinc compounds | Millinocket Stream | | 5,700 | 5,900 | 6,100 | 5,000 | 22,700 |
| Ammonia | Millinocket Stream | | 750 | 750 | 750 | 750 | 3,000 |
| Acetone | Millinocket Stream | 750 | 750 | 750 | | | 2,250 |
| Acetaldehyde | Millinocket Stream | 750 | 750 | 750 | | | 2,250 |

City: North Berwick, Maine

Facility: **Pratt & Whitney**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-------------------|---|------|------|------|------|------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 98 | 10 | 3 | 25 | 15 | 151 |
| Nickel compounds | Great Works River | 96 | | | | | 96 |
| Chromium | Great Works River | 2 | 7 | 1 | 5 | 5 | 20 |
| Nickel | Great Works River | | 3 | 2 | 5 | 5 | 15 |
| Copper | Great Works River | | | | 5 | 5 | 10 |
| Methyl methacrylate | Great Works River | | | | 5 | | 5 |
| Cobalt | Great Works River | | | | 5 | | 5 |

City: Old Town, Maine

Facility: **James River Paper Co. Inc.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|--------|--------|--------|-------|----------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 12,914 | 12,727 | 38,300 | 66,234 | 8,422 | 138,597 |
| Methanol | Penobscot River | | | 29,000 | 62,000 | 6,500 | 97,500 |
| Chloroform | Penobscot River | 7,609 | 7,965 | 5,000 | 1,900 | 510 | 22,984 |
| Acetone | Penobscot River | 3,095 | 2,822 | 2,400 | 1,800 | | 10,117 |
| Catechol | Penobscot River | 2,039 | 1,842 | 1,800 | 44 | 2 | 5,727 |
| Ammonia | Penobscot River | 171 | 98 | 100 | 490 | 480 | 1,339 |
| Acetaldehyde | Penobscot River | | | | | 930 | 930 |

Table 9

Toxic water pollution in Maine

Companies reporting toxic discharges to water (1990-1994)

City: Orrington, Maine

Facility: **Holtrachem Mfg.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|------|------|------|------|--------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 267 | 181 | 471 | 258 | 42 | 1,219 |
| Hydrochloric acid | Penobscot River | 150 | 66 | 400 | 244 | | 860 |
| Chlorine | Penobscot River | 111 | 111 | 67 | 9 | 35 | 333 |
| Mercury | Penobscot River | 6 | 4 | 4 | 5 | 7 | 26 |

City: Oxford, Maine

Facility: **Robinson Mfg. Co.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------------------|---|--------|--------|--------|--------|----------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 24,000 | 24,000 | 26,700 | 26,368 | 11,700 | 112,768 |
| Diethanolamine | Thompson Lake Outlet Stream | | 24,000 | 26,700 | 26,368 | 11,700 | 88,768 |
| Diethanolamine | Androscoggin River | 24,000 | | | | | 24,000 |

City: Presque Isle, Maine

Facility: **McCain Foods Inc.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|--------|------|------|------|---------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 58,328 | 17,600 | | | | 75,928 |
| Mixtures and other trade | Aroostook River | 58,328 | | | | | 58,328 |
| Ammonia | Unknown | | 17,600 | | | | 17,600 |

City: Rockland, Maine

Facility: **FMC Corp.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|-----------------|---|------|------|------|------|------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | | 5 | | | 293 | 298 |
| Nitric acid | Rockland Harbor | | | | | 293 | 293 |
| Hydrochloric acid | Rockland Harbor | | 5 | | | | 5 |

City: Rumford, Maine

Facility: **Boise Cascade Corp.**

| | | Pounds of toxic chemicals discharged to water | | | | | |
|----------------------------|--------------------|---|--------|--------|--------|--------|----------------|
| Chemical discharged | Receiving water | 1990 | 1991 | 1992 | 1993 | 1994 | 1990-1994 |
| All toxic chemicals | | 28,546 | 19,161 | 10,082 | 65,095 | 85,050 | 207,934 |
| Methanol | Androscoggin River | 2,950 | | | 56,900 | 78,800 | 138,650 |
| Chloroform | Androscoggin River | 11,767 | 12,741 | 3,675 | 1,900 | 750 | 30,833 |
| Acetone | Androscoggin River | 4,493 | 3,624 | 3,854 | 5,380 | | 17,351 |
| Chlorine | Androscoggin River | 8,000 | | | | | 8,000 |
| Zinc compounds | Androscoggin River | | | | | 5,100 | 5,100 |
| Catechol | Androscoggin River | 1,167 | 1,306 | 1,343 | 65 | 60 | 3,941 |
| Methyl ethyl ketone | Androscoggin River | | 691 | 658 | 700 | | 2,049 |
| Ammonia | Androscoggin River | 169 | 799 | 552 | 150 | 150 | 1,820 |
| Acetaldehyde | Androscoggin River | | | | | 140 | 140 |
| Phenol | Androscoggin River | | | | | 50 | 50 |

Table 9

Toxic water pollution in Maine

Companies reporting toxic discharges to water (1990-1994)

City: Searsport, Maine

Facility: **General Alum & Chemical Corp.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|-----------------------------|-----------------|---|-------|-------|-------|------|---------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 5,200 | 5,200 | 5,200 | 3,000 | 39 | 18,639 |
| Ammonium sulfate (solution) | Penobscot Bay | | 5,200 | 5,200 | 3,000 | | 13,400 |
| Ammonium sulfate (solution) | Penobscot River | 5,200 | | | | | 5,200 |
| Ammonia | Penobscot Bay | | | | | 39 | 39 |

City: Skowhegan, Maine

Facility: **S. D. Warren Co.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-----------------|---|---------|--------|--------|--------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 189,092 | 135,739 | 75,269 | 14,834 | 77,588 | 492,522 |
| Glycol ethers | Kennebec River | 94,000 | 110,000 | 44,000 | | | 248,000 |
| Ammonia | Kennebec River | 81,000 | 9,900 | 10,000 | 4,200 | 3,900 | 109,000 |
| Methanol | Kennebec River | | | | | 70,000 | 70,000 |
| Zinc compounds | Kennebec River | 7,000 | 5,000 | 5,400 | 5,400 | 990 | 23,790 |
| Barium compounds | Kennebec River | | 6,900 | 7,300 | 40 | | 14,240 |
| Ethylene glycol | Kennebec River | 5,200 | | 5,400 | | | 10,600 |
| Chloroform | Kennebec River | 1,200 | 2,765 | 2,500 | 2,200 | 1,900 | 10,565 |
| Phenol | Kennebec River | | | | 2,900 | 26 | 2,926 |
| Catechol | Kennebec River | 400 | 400 | 470 | 20 | 22 | 1,312 |
| Acetaldehyde | Kennebec River | | | | | 750 | 750 |
| Acetone | Kennebec River | 250 | 250 | 120 | 64 | | 684 |
| Ammonia | Craigian Brook | 32 | 250 | 46 | | | 328 |
| Methyl ethyl ketone | Kennebec River | | 250 | 15 | 10 | | 275 |
| Barium compounds | Craigian Brook | | 24 | 18 | | | 42 |
| Phosphoric acid | Kennebec River | 5 | | | | | 5 |
| Hydrochloric acid | Kennebec River | 5 | | | | | 5 |

City: Thomaston, Maine

Facility: **Dragon Prods. Co. Inc.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|------------------|---|------|------|------|------|------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 37 | 48 | 41 | 48 | 44 | 218 |
| Chromium compounds | St. George River | 37 | 48 | 41 | 48 | 44 | 218 |

City: Westbrook, Maine

Facility: **S. D. Warren Co.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-------------------|---|--------|--------|--------|--------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 9,450 | 15,510 | 49,889 | 38,460 | 60,900 | 174,209 |
| Methanol | Presumpscot River | | | 25,000 | 21,000 | 48,000 | 94,000 |
| Ethylene glycol | Presumpscot River | | 8,300 | 14,000 | 5,100 | | 27,400 |
| Zinc compounds | Presumpscot River | 750 | 2,400 | 1,300 | 6,100 | 6,200 | 16,750 |
| Ammonia | Presumpscot River | 3,100 | 690 | 3,200 | 2,200 | 2,900 | 12,090 |
| n-Butyl alcohol | Presumpscot River | 250 | 820 | 3,000 | 2,500 | 1,600 | 8,170 |
| Chloroform | Presumpscot River | 2,700 | 980 | 980 | 830 | 930 | 6,420 |
| Acetone | Presumpscot River | 1,900 | 1,800 | 1,800 | 730 | | 6,230 |
| Catechol | Presumpscot River | 750 | 520 | 580 | | | 1,850 |

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Toxic water pollution in Maine

Companies reporting toxic discharges to water (1990-1994)

City: Westbrook, Maine

Facility: **S. D. Warren Co.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-------------------|---|--------|--------|--------|--------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 9,450 | 15,510 | 49,889 | 38,460 | 60,900 | 174,209 |
| Acetaldehyde | Presumpscot River | | | | | 860 | 860 |
| Chromium compounds | Presumpscot River | | | 29 | | 390 | 419 |
| Formaldehyde | Presumpscot River | | | | | 20 | 20 |

City: Winslow, Maine

Facility: **Scott Paper Co.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-----------------|---|--------|--------|-------|------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 86,635 | 67,019 | 41,450 | 7,950 | | 203,054 |
| Ammonia | Kennebec River | 74,259 | 38,000 | 10,000 | 7,800 | | 130,059 |
| Ethylene glycol | Kennebec River | | 15,000 | 31,000 | | | 46,000 |
| Glycol ethers | Kennebec River | 12,330 | 14,000 | | | | 26,330 |
| Sulfuric acid | Kennebec River | 46 | 19 | 450 | 150 | | 665 |

City: Woodland, Maine

Facility: **Georgia-Pacific Corp.**

| Chemical discharged | Receiving water | Pounds of toxic chemicals discharged to water | | | | | 1990-1994 |
|----------------------------|-------------------|---|---------|---------|---------|---------|----------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | |
| All toxic chemicals | | 28,820 | 202,060 | 141,050 | 125,890 | 111,850 | 609,670 |
| Methanol | St. Croix River | | 179,000 | 118,000 | 109,000 | 99,000 | 505,000 |
| Ammonia | St. Croix River | | 7,240 | 5,360 | 8,000 | 5,200 | 25,800 |
| Chloroform | St. Croix River | | 6,100 | 6,420 | 650 | 6,800 | 19,970 |
| Acetone | St. Croix River | | 5,200 | 5,570 | 7,300 | | 18,070 |
| Chloroform | Saint Croix River | 12,400 | | | | | 12,400 |
| Catechol | St. Croix River | | 4,520 | 5,700 | | | 10,220 |
| Ammonia | Saint Croix River | 9,720 | | | | | 9,720 |
| Acetone | Saint Croix River | 5,040 | | | | | 5,040 |
| Phenol | St. Croix River | | | | 940 | 850 | 1,790 |
| Catechol | Saint Croix River | 1,660 | | | | | 1,660 |