

Table 9

Toxic water pollution in Florida

Companies reporting toxic discharges to water (1990-1994)

City: Bartow, Florida

Facility: **Cargill Fertilizer Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		189	54	23	70	40	376
Ammonia	Alafia River	189	54	23	70	40	376

City: Bartow, Florida

Facility: **Farmland Hydro L.P.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5	210	60	20	61	356
Ammonia	Alafia River		210	60	20	61	351
Ammonia	Un-named Stream Feeding The	5					5

City: Bradenton, Florida

Facility: **Tropicana Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20,000	9,000	2,700	1,100	1,500	34,300
Ammonia	Manatee River	20,000	9,000	2,700	1,100	1,500	34,300

City: Cantonment, Florida

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		304,515	20,700	25,210	17,490	114,710	482,625
Ammonia	Eleven Mile Creek	300,000	17,000	21,000	13,000	16,000	367,000
Methanol	Eleven Mile Creek	5				95,000	95,005
Acetone	Eleven Mile Creek	1,800	1,900	1,900	3,000		8,600
Catechol	Eleven Mile Creek	2,000	1,100	2,100	100	100	5,400
Chloroform	Eleven Mile Creek	700	700	210	240	1,500	3,350
Acetaldehyde	Eleven Mile Creek					1,500	1,500
1,2,4-Trimethylbenzene	Eleven Mile Creek				430	410	840
Methyl ethyl ketone	Eleven Mile Creek				720		720
Cresol (mixed isomers)	Eleven Mile Creek					140	140
Phenol	Eleven Mile Creek					60	60
Hydrochloric acid	Eleven Mile Creek	5					5
Sulfuric acid	Eleven Mile Creek	5					5

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City: Cantonment, Florida

Facility: **Monsanto Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,030	870	993	950	799	5,642
Copper	Escambia River	770	750	920	800	770	4,010
Zinc compounds	Escambia River	1,000					1,000
Nickel	Escambia River	260	120	73	150	29	632

City: Dade City, Florida

Facility: **Lykes Pasco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		8,917	4,202	3,637	4,463	1,770	22,989
Ammonia	Larkin Canal	4,584	4,202	3,637	4,463	1,770	18,656
Ammonium nitrate (solution)	Larkin Canal	4,055					4,055
Ethylene glycol	Larkin Canal	278					278

City: Dunedin, Florida

Facility: **Coca-cola Foods**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		755	250				1,005
Ammonium nitrate (solution)	St. Joseph Sound	750	250				1,000
Phosphoric acid	St. Joseph Sound	5					5

City: Fernandina Beach, Florida

Facility: **Rayonier Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,802,000	1,602,400	2,002,400	1,801,480	220,564	7,428,844
Ammonia	Amelia River	1,800,000	1,600,000	2,000,000	1,800,000	160,000	7,360,000
Methanol	Amelia River				250	59,000	59,250
Acetone	Amelia River	1,000	1,100	1,100	1,100		4,300
Chloroform	Amelia River	1,000	1,300	1,300	130		3,860
Formaldehyde	Amelia River					1,400	1,400
Methyl ethyl ketone	Amelia River					34	34

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City: Fernandina Beach, Florida

Facility: **Container Corp. Of America**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		9,800	12,146	210	4,685	5,385	32,226
Acetone	Amelia River	5,500	5,331				10,831
Phenol	Amelia River				4,603	5,236	9,839
Ammonia	Amelia River	2,500	3,916	210	82	94	6,802
Catechol	Amelia River	1,800	1,612				3,412
Methyl ethyl ketone	Amelia River		1,287				1,287
Cresol (mixed isomers)	Amelia River					55	55

City: Fort Pierce, Florida

Facility: **Vigoro Ind. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750					750
Zinc compounds	Ten Mile Creek	250					250
Copper compounds	Ten Mile Creek	250					250
Manganese compounds	Ten Mile Creek	250					250

City: Gainesville, Florida

Facility: **Energizer Power Sys.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		49	63	62	39	39	252
Nickel compounds	Cellon Creek	36	47	48	33	35	199
Cadmium compounds	Cellon Creek	13	15	13	6	4	51
Cobalt compounds	Cellon Creek		1	1			2

City: Jacksonville, Florida

Facility: **Seminole Kraft Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		23,350	97,900	13,380	1,521		136,151
Methanol	St. John River		91,000				91,000
Zinc compounds	St. John River	16,000					16,000
Acetone	St. John River	6,250	5,900	3,190			15,340
Ethylene glycol	St. John River			9,440	1,521		10,961
Catechol	St. John River	1,100	1,000	750			2,850

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City: Jacksonville, Florida

Facility: **Jefferson Smurfit Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		4,715	5,631	47,973	37,244	15,939	111,502
Methanol	St. John River			41,314	30,496	13,618	85,428
Acetone	St. John River	3,735	4,070	4,590	5,375		17,770
Catechol	St. John River	810	883	996	53	1,750	4,492
Methyl ethyl ketone	St. John River		678	765	707	158	2,308
Ammonia	St. John River	165		308	613	140	1,226
Acetaldehyde	St. John River					175	175
Phenol	St. John River					83	83
Cresol (mixed isomers)	St. John River					15	15
Phosphoric acid	St. John River	5					5

City: Jacksonville, Florida

Facility: **Florida Wire & Cable Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		125	400		186	234	945
Zinc compounds	Unknown	87	329		168	199	783
Lead	Unknown	38	71		18	35	162

City: Jacksonville, Florida

Facility: **Metalplate Galvanizing Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					750	185	935
Zinc compounds	Moncrief Creek				750		750
Zinc compounds	Moncrief Creek					182	182
Lead	Moncrief Creek					3	3

City: Jacksonville, Florida

Facility: **U.S. Navy**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						253	253
Dichloromethane	St. John River					250	250
Phenol	St. John River					3	3

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City: Lakeland, Florida

Facility: **Florida Juice Partners Ltd.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	1,340	1,380	186	250	3,906
Ethylene glycol	Itchepackassa Creek	250	1,340	1,380	186	250	3,406
Ethylene glycol	Hillsborough River	250					250
Ethylene glycol	Hillsborough Bay	250					250

City: Lakeland, Florida

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		250	210	56	110	20	646
Zinc compounds	Lake Wire	250	210	56	110	20	646

City: Live Oak, Florida

Facility: **Gold Kist**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,319	12,000	66,000	31	12	80,362
Ammonia	Suwannee River	2,168	12,000	66,000	31	12	80,211
Chlorine	Unknown	151					151

City: Marianna, Florida

Facility: **Unimac**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						500	500
Manganese	Tributary Of Chipola River					250	250
Nickel	Tributary Of Chipola River					250	250

City: Marianna, Florida

Facility:

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

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City: Milton, Florida
Facility: **Cytec Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		37,250	29,220	25,272	23,745	3,926	119,413
Ammonia	Escambia Bay	36,500	28,470	24,522	22,995	3,176	115,663
Ethylene glycol	Escambia Bay	750	750	750	750	750	3,750

City: Mulberry, Florida
Facility: **Mulberry Phosphates Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		43,000	4,180	16	4	15	47,215
Ammonia	Alafia River	43,000	4,180	16	4	15	47,215

City: Mulberry, Florida
Facility: **Imc-agrico Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		164	200	89	41	33	527
Ammonia	Thirty Mile Creek	164	200	70	41	33	508
Sulfuric acid	Thirty Mile Creek			19			19

City: Pace, Florida
Facility: **Air Prods. & Chemicals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		467,954	314,000	236,000	219,500	371,655	1,609,109
Ammonium nitrate (solution)	Escambia Bay	228,560	74,000	52,000	200,000	370,000	924,560
Ammonia	Escambia Bay	14	130,000	110,000	17,000	5	257,019
Ammonium sulfate (solution)	Escambia Bay	228,560					228,560
Ammonium nitrate (solution)	Unknown		97,000	63,000			160,000
Methanol	Escambia Bay	10,820	13,000	11,000	2,500	1,400	38,720
Zinc compounds	Escambia Bay					250	250

City: Palatka, Florida
Facility: **Georgia-Pacific Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20,150	14,146	15,227	12,918	16,559	79,000
Chloroform	Rice Creek	11,300	10,651	11,200	11,100	4,959	49,210
Ammonia	Rice Creek					9,000	9,000
Catechol	Rice Creek	2,100	1,990	2,172		1,600	7,862
Phenol	Rice Creek	4,500				250	4,750
Acetone	Rice Creek	1,000	750	1,100	985		3,835
Methyl ethyl ketone	Rice Creek	750	750	750	829	750	3,829
Dichloromethane	Rice Creek	250					250
Ammonium nitrate (solution)	Rice Creek	250					250
Methanol	Rice Creek		5	5	1		11

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City: Palatka, Florida

Facility: **Georgia-Pacific Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20,150	14,146	15,227	12,918	16,559	79,000
Hydrochloric acid	Rice Creek				1		1
Sulfuric acid	Rice Creek				1		1
Chlorine dioxide	Rice Creek				1		1

City: Palm Bay, Florida

Facility: **StorageTek Printer Ops.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		800					800
Chlorine	Unknown	400					800

City: Palmetto, Florida

Facility: **Piney Point Phosphates Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			324	134			458
Ammonia	Drainage Ditch Thence Piney		324	134			458

City: Perry, Florida

Facility: **Buckeye Florida L.P.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		19,500	1,005,502	843,900	16,470	10,997	1,896,369
Ammonia	Fenholloway River	1,200	1,000,000	830,000	7,200	6,900	1,845,300
Acetone	Fenholloway River	4,100	4,300	6,500	5,400		20,300
Chloroform	Fenholloway River	5,300		4,000	420	500	10,220
Methyl ethyl ketone	Fenholloway River		1,200	1,200	3,200	1,500	7,100
Phenol	Fenholloway River	6,700			50	50	6,800
Catechol	Fenholloway River	2,200	2	2,200	140	140	4,682
Acetaldehyde	Fenholloway River				60	1,586	1,646
Cresol (mixed isomers)	Fenholloway River					320	320
Chloromethane	Fenholloway River					1	1

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Companies reporting toxic discharges to water (1990-1994)

City: Riverview, Florida

Facility: **Cargill Fertilizer Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,989	2,000	1,600	1,254	7	6,850
Ammonia	Alafia River	1,989	2,000	1,600	1,254	7	6,850

City: Saint Marks, Florida

Facility: **Olin Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,313	1,222	1,239	1,017	1,215	6,006
Nitroglycerin	Big Boggy Branch	1,019	925	940	1,000	1,200	5,084
Chlorine	Big Boggy Branch	291	287	290			868
Dibutyl phthalate	Big Boggy Branch	3	10	9	17	15	54

City: Tampa, Florida

Facility: **Nitram Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,000	2,700	2,800	1,375	1,600	13,475
Ammonium nitrate (solution)	Delaney Creek	5,000	2,700	2,800	1,375	1,600	13,475

City: Tampa, Florida

Facility: **Reeves Southeastern Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				613	715	817	2,145
Zinc compounds	Unnamed Wetlands South Of					800	800
Zinc compounds	Un Named Wet Lands South Of				700		700
Zinc compounds	Un-named Wetland South Of			600			600
Lead	Un-named Wetland South Of			13	15		28
Lead	Unnamed Wetland South Of					17	17

City: Tampa, Florida

Facility: **Trademark Nitrogen Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		320	280	130	209	489	1,428
Ammonium nitrate (solution)	Unnamed Ditch To Six Mile	320	280	130	209	489	1,428

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City: Tampa, Florida

Facility: **Gulf Coast Recycling Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10	250	251	7	18	536
Antimony	Unnamed Ditch To Palm River			250			250
Antimony compounds	Unknown		250				250
Antimony	Unknown	9			6	16	31
Lead compounds	Unknown				1	2	3
Lead compounds	Unnamed Ditch To Palm River			1			1
Lead	Unknown	1					1

City: Tampa, Florida

Facility: **Florida Steel Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals						414	414
Manganese compounds	Palm River					205	205
Zinc compounds	Palm River					166	166
Lead compounds	Palm River					25	25
Copper compounds	Palm River					13	13
Chromium compounds	Palm River					5	5

City: Tampa, Florida

Facility: **Johnson Controls Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		255	5		5	5	270
Lead	Hillsborough River	250					250
Sulfuric acid	Hillsborough River	5	5				10
Lead compounds	Hillsborough River				5	5	10

City: Umatilla, Florida

Facility: **Mercer Prods.co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			250	5			255
Di-(2-ethylhexyl) phthalate	Unknown		250	5			255

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Companies reporting toxic discharges to water (1990-1994)

City: White Springs, Florida

Facility: **Occidental Chemical Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		837	3,490	2,510	1,390	1,820	10,047
Ammonia	Swift Creek	813	3,200	2,300	1,200	1,500	9,013
Ammonia	Hunter Creek	24	290	210	190	320	1,034

City: Winter Haven, Florida

Facility: **Vigoro Ind. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750			15		765
Manganese compounds	Highway 17 Drainage Ditch	250			5		255
Zinc compounds	Highway 17 Drainage Ditch	250			5		255
Copper compounds	Highway 17 Drainage Ditch	250					250
2,4-D (acetic acid)	Highway 17 Drainage Ditch				5		5