

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Abilene, Texas

Facility: **U.S. Brass**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					2,900		2,900
Sulfuric acid	Rainey Creek				2,800		2,800
Copper compounds	Rainey Creek				100		100

City: Alvin, Texas

Facility: **Amoco Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,912	550	620	592	587	6,261
Styrene	Chocolate Bayou	2,400			5	5	2,410
Zinc compounds	Chocolate Bayou	420	260	387	354	354	1,775
Copper compounds	Chocolate Bayou	22	280	223	223	223	971
Xylene (mixed isomers)	Chocolate Bayou	580					580
Acetonitrile	Chocolate Bayou	170					170
Benzene	Chocolate Bayou	100					100
Naphthalene	Chocolate Bayou	66					66
Ethylbenzene	Chocolate Bayou	30					30
1,1,1-Trichloroethane	Chocolate Bayou	30					30
Toluene	Chocolate Bayou	30					30
Hydrochloric acid	Chocolate Bayou	5	5	5	5	5	25
Sulfuric acid	Chocolate Bayou	5	5	5	5		20
Anthracene	Chocolate Bayou	14					14
1,3-Butadiene	Chocolate Bayou	5					5
Dibenzofuran	Chocolate Bayou	5					5
Ethylene	Chocolate Bayou	5					5
Methanol	Chocolate Bayou	5					5
Methyl isobutyl ketone	Chocolate Bayou	5					5
Propylene	Chocolate Bayou	5					5
Chlorine	Chocolate Bayou	5					5
Hydrazine	Chocolate Bayou	5					5

City: Alvin, Texas

Facility: **Monsanto Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				400			400
Ethylene glycol	Chocolate Bayou			400			400

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Arlington, Texas

Facility: **Specialty Coatings Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10	500	500			1,010
Toluene	Joe Pool Reservior		250	250			500
Xylene (mixed isomers)	Joe Pool Reservior		250	250			500
Xylene (mixed isomers)	Joe Pool Lake	5					5
Toluene	Joe Pool Lake	5					5

City: Arlington, Texas

Facility: **Gmc**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			500	500			1,000
Zinc compounds	Cottonwood Creek		250	250			500
Zinc compounds	Johnson Creek		250	250			500

City: Austin, Texas

Facility: **IBM Austin**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			3	5	275	26	309
Ammonia	Un-named Tributary Of Walnut				207		207
Formaldehyde	Un-named Tributary Of Walnut				37		37
Lead	Unnamed Tributary To Walnut					22	22
Ammonia	Shoal Creek				18		18
Lead	Un-named Tributary Of Walnut			5	9		14
Copper compounds	Un-named Tributary Of Walnut				4		4
Copper compounds	Unnamed Tributary To Walnut					4	4
Lead	Unnamed Tributary Of Walnut		3				3

City: Bay City, Texas

Facility: **Hoechst Celanese**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,471	1,556	1,944	2,088	826	8,885
Zinc compounds	Colorado River	573	381	718	1,426	486	3,584
Nickel compounds	Colorado River	1,253	206	359	662	207	2,687
Manganese compounds	Colorado River	367	766	471			1,604
Ammonia	Colorado River		166	174		133	473
n-Butyl alcohol	Colorado River			179			179
Chromium compounds	Colorado River	121					121
Copper compounds	Colorado River	28	37	43			108
Ammonia	Eldorado River	106					106
1,1,1-Trichloroethane	Colorado River	20					20
Quinone	Colorado River	3					3



Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Baytown, Texas

Facility: **Exxon Baytown Refy.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		482,683	431,430	293,220	251,704	37,616	1,496,653
Ammonia	Houston Ship Channel	460,000	390,000	239,274	231,918	28,036	1,349,228
Zinc compounds	Houston Ship Channel	8,700	11,000	11,660	939	916	33,215
Barium compounds	Houston Ship Channel	6,500	8,000	6,890	5,573	5,438	32,401
Ethylene glycol	Houston Ship Channel		3,900	19,578	1,958		25,436
Chromium compounds	Houston Ship Channel	3,200	4,400	3,476	3,476	1,935	16,487
Phenol	Houston Ship Channel	760	7,500	2,961	608	410	12,239
Toluene	Houston Ship Channel	4	3,200	879	3,260	3	7,346
Benzene	Houston Ship Channel	7	1,100	836	1,104	5	3,052
Lead compounds	Houston Ship Channel	3,000					3,000
Copper compounds	Houston Ship Channel	400	490	670	670	654	2,884
Xylene (mixed isomers)	Houston Ship Channel	1	590	823	650	9	2,073
Cyclohexane	Houston Ship Channel	80	260	968	441	6	1,755
Naphthalene	Houston Ship Channel	2	190	939	330		1,461
Ethylbenzene	Houston Ship Channel	1	260	907	248		1,416
Chlorine	Houston Ship Channel		390	387	387	201	1,365
Methyl ethyl ketone	Houston Ship Channel	26	100	1,052	85	2	1,265
Cumene	Houston Ship Channel	2	8	941	11		962
Carbon tetrachloride	Houston Ship Channel		42	862			904
Methyl isobutyl ketone	Houston Ship Channel			117	46	1	164

City: Baytown, Texas

Facility: **Miles Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		86,060	95,415	95,315	93,010	17,635	387,435
Ammonia	Cedar Bayou	81,237	86,000	84,000	82,000	10,660	343,897
4,4'-Isopropylidenediphenol	Cedar Bayou	1,073	1,200	3,700	3,700	3,700	13,373
Acetone	Cedar Bayou	250	3,700	3,100	2,800		9,850
Hydrazine	Cedar Bayou	250	750	750	750	250	2,750
Aniline	Cedar Bayou	250	250	250	250	250	1,250
Chloroform	Cedar Bayou	250	250	250	250	250	1,250
Dichloromethane	Cedar Bayou	250	250	250	250	250	1,250
o-Toluidine	Cedar Bayou	250	250	250	250	250	1,250
Chlorobenzene	Cedar Bayou	250	250	250	250	250	1,250
Nickel	Cedar Bayou	250	250	250	250	250	1,250
Chromium	Cedar Bayou	250	250	250	250	250	1,250
Diaminotoluene (mixed)	Cedar Bayou	250	250	250	250	250	1,250
1,2-Dichlorobenzene	Cedar Bayou	250	250	250	250	5	1,005
Toluene	Cedar Bayou	250	250	250	250	5	1,005
Methanol	Cedar Bayou		250	250	250	250	1,000
4,4'-Methylenedianiline	Cedar Bayou		250	250	250	250	1,000
Phenol	Cedar Bayou		250	250	250	250	1,000
Cyanide compounds	Cedar Bayou			250	250	250	750
Dinitrotoluene (mixed isomers)	Cedar Bayou			250	250	5	505
2,4-Dinitrotoluene	Cedar Bayou	250	250				500
2,6-Dinitrotoluene	Cedar Bayou	250	250				500
Zinc (fume or dust)	Cedar Bayou	250					250
Formaldehyde	Cedar Bayou		5	5	5		15
Carbon tetrachloride	Cedar Bayou			5	5	5	15

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Companies reporting toxic discharges to water (1990-1994)

City: Baytown, Texas

Facility: **Miles Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		86,060	95,415	95,315	93,010	17,635	387,435
Chlorine	Cedar Bayou		5	5			10
Ethylene oxide	Cedar Bayou		5				5
Dibutyl phthalate	Cedar Bayou					5	5

City: Baytown, Texas

Facility: **Exxon Chemical Americas**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		123,371	105,403	61,978	62,674	8,850	362,276
Ammonia	Houston Ship Channel	120,000	100,000	59,000	60,000	6,800	345,800
Zinc compounds	Houston Ship Channel	2,300	2,900	250	250	240	5,940
Barium compounds	Houston Ship Channel			1,800	1,500	1,400	4,700
Chromium compounds	Houston Ship Channel	860	1,200	920	920	410	4,310
Toluene	Houston Ship Channel	1	640	2	1		644
Phenol	Houston Ship Channel	200	240				440
Copper compounds	Houston Ship Channel		130				130
Xylene (mixed isomers)	Houston Ship Channel		120	1			121
Benzene	Houston Ship Channel	2	63	3	1		69
Ethylbenzene	Houston Ship Channel		51				51
Naphthalene	Houston Ship Channel	1	38	1	1		41
Methyl ethyl ketone	Houston Ship Channel	7	21				28
Cumene	Houston Ship Channel			1	1		2

City: Baytown, Texas

Facility: **Amoco Chemicals**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,516					1,516
Ammonia	Cedar Bayou	1,516					1,516

City: Baytown, Texas

Facility: **Advanced Aromatics Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		785	280	285	40	40	1,430
Naphthalene	Goose Creek	250	250	250	5	5	760
sec-Butyl alcohol	Goose Creek	250	5				255
Methanol	Goose Creek	250					250
n-Butyl alcohol	Goose Creek	5	5	5	5	5	25
Methyl ethyl ketone	Goose Creek	5	5	5	5	5	25
Butyraldehyde	Goose Creek	5	5	5	5	5	25
Benzene	Goose Creek			5	5	5	15
Isobutyraldehyde	Goose Creek	5		5	5		15
Toluene	Goose Creek			5	5	5	15
Propionaldehyde	Goose Creek			5	5	5	15
Acetaldehyde	Goose Creek	5	5				10

Source: Environmental Working Group. Compiled from U.S. Environmental Protection Agency, Toxics Release Inventory 1990-1994.

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Companies reporting toxic discharges to water (1990-1994)

City: Baytown, Texas

Facility: **Advanced Aromatics Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		785	280	285	40	40	1,430
tert-Butyl alcohol	Goose Creek	5	5				10
Cyclohexane	Goose Creek					5	5
Acetone	Goose Creek	5					5

City: Baytown, Texas

Facility: **Exxon Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		183	182	2	10	658	1,035
Ammonia	Scott Bay, Segment No. 2429					260	260
Ammonia	Tabbs Bay, Segment No. 2426					160	160
Ammonia	Houston Ship Channel	50	40				90
Naphthalene	Houston Ship Channel	33	33				66
Methanol	Houston Ship Channel	57	4				61
Zinc compounds	Tabbs Bay, Segment No. 2426					52	52
Benzene	Houston Ship Channel	15	28	1			44
Zinc compounds	Scott Bay, Segment No. 2429					40	40
Toluene	Houston Ship Channel	7	30	1			38
Barium compounds	Scott Bay, Segment No. 2429					32	32
Copper compounds	Tabbs Bay, Segment No. 2426					32	32
Barium compounds	Tabbs Bay, Segment No. 2426					26	26
Copper compounds	Scott Bay, Segment No. 2429					24	24
Styrene	Houston Ship Channel	3	19				22
Nickel compounds	Scott Bay, Segment No. 2429					19	19
Ethylene glycol	Houston Ship Channel	9	9				18
Xylene (mixed isomers)	Houston Ship Channel	7	10				17
Ethylbenzene	Houston Ship Channel	2	9				11
Chlorine	Scott Bay, Segment No. 2429					9	9
Zinc compounds	Scott Bay, Segment No. 2429				4		4
Chromium compounds	Scott Bay, Segment No. 2429					3	3
Copper compounds	Scott Bay, Segment No. 2429				3		3
Nickel compounds	Scott Bay, Segment No. 2429				2		2
Chlorine	Scott Bay, Segment No. 2429				1		1
Chromium compounds	Tabbs Bay, Segment No. 2426					1	1

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Baytown, Texas

Facility: **Rhone-poulenc Basic Chemicals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					800		800
Sulfuric acid	Houston Ship Channel				800		800

City: Baytown, Texas

Facility: **Chevron Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						310	310
Ammonia	Cedar Bayou					310	310

City: Beaumont, Texas

Facility: **Neches River Treatment Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		92,044	106,375	78,972	71,657	28,239	377,287
Ammonia	Neches River	80,576	92,670	69,705	46,937	4,900	294,788
Phenol	Neches River	1,816	2,206	2,434	3,725	15,905	26,086
Methyl ethyl ketone	Neches River	200	740	220	15,497	222	16,879
Chromium compounds	Neches River	3,357	1,942	2,880	2,214	1,336	11,729
Zinc compounds	Neches River	1,875	1,191	1,230	1,103	1,849	7,248
Manganese compounds	Neches River	618	4,310				4,928
Nickel compounds	Neches River	750	341	890	548	1,559	4,088
Lead compounds	Neches River	1,679	1,765				3,444
Copper compounds	Neches River			309	274	1,782	2,365
Naphthalene	Neches River	200	220	220	148	111	899
Xylene (mixed isomers)	Neches River	100	110	288	243	111	852
Ethylbenzene	Neches River	100	110	246	221	111	788
Toluene	Neches River	100	110	110	221	111	652
Benzene	Neches River	100	110	110	158	111	589
Cyclohexane	Neches River	100	110	110	148	111	579
Cresol (mixed isomers)	Neches River	273	220				493
1,1,1-Trichloroethane	Neches River	100	110	110	110	10	440
Styrene	Neches River	100	110	110	110	10	440

City: Beaumont, Texas

Facility: **Mobil Oil Beaumont Refinery**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		295,450	7,289				302,739
Methanol	Neches River	140,000	29				140,029
Phenol	Neches River	130,000					130,000
Ethylene glycol	Neches River	18,000	3,900				21,900
Diethanolamine	Neches River	2,900	460				3,360
Methyl ethyl ketone	Neches River	1,300	190				1,490
Toluene	Neches River	750	360				1,110
Benzene	Neches River	250	810				1,060
Chromium compounds	Neches River	750	51				801

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Beaumont, Texas

Facility: **Mobil Oil Beaumont Refinery**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		295,450	7,289				302,739
Manganese	Neches River		710				710
Ethylbenzene	Neches River	250	330				580
Xylene (mixed isomers)	Neches River	250	330				580
Zinc compounds	Neches River	250	100				350
Lead compounds	Neches River	250	17				267
Manganese compounds	Neches River	250					250
Cresol (mixed isomers)	Neches River	250					250
Cyclohexane	Neches River		1				1
Nickel compounds	Neches River		1				1

City: Beaumont, Texas

Facility: **Du Pont**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		64,600	56,196	43,938	28,078	22,698	215,510
Ammonia	Neches River	35,000	26,900	11,747	17,857	20,296	111,800
Ethylene glycol	Neches River	24,000	23,952	30,200	7,700	200	86,052
Zinc compounds	Neches River	2,400	2,350	698	1,095	881	7,424
Chromium compounds	Neches River	830	1,101	367	281	284	2,863
Chloroform	Neches River	410	510	320	150	520	1,910
Cyanide compounds	Neches River	400	400	400	400	195	1,795
Copper compounds	Neches River	360	198	126	453	192	1,329
2,4-Dinitrophenol	Neches River	460	453			32	945
Carbon tetrachloride	Neches River	280	160	80	80	56	656
Ammonium nitrate (solution)	Neches River	120	120				240
Benzene	Neches River	40	52		62	42	196
Nitrobenzene	Neches River	170					170
Methanol	Neches River	88					88
Nickel compounds	Neches River	42					42

City: Beaumont, Texas

Facility: **Sandoz Agro Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,555	1,250	750	20	771	4,346
Ethylene glycol	Rodair Gulley	750	250	250	5	5	1,260
Chlorophenols	Rodair Gulley	250	750	250			1,250
2,4-D (acetic acid)	Rodair Gulley	250	250	250	15	16	781
Hydrochloric acid	Rodair Gulley	5				750	755
1,2,4-Trichlorobenzene	Rodair Gulley	250					250
Xylene (mixed isomers)	Rodair Gulley	5					5
Toluene	Rodair Gulley	5					5
2,4-Dichlorophenol	Rodair Gulley	5					5
Methanol	Rodair Gulley	5					5
Phenol	Rodair Gulley	5					5
Chloromethane	Rodair Gulley	5					5
Acetone	Rodair Gulley	5					5
Hydrazine	Rodair Gulley	5					5

Source: Environmental Working Group. Compiled from U.S. Environmental Protection Agency, Toxics Release Inventory 1990-1994.

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Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Beaumont, Texas

Facility: **Sandoz Agro Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,555	1,250	750	20	771	4,346
Chlorine	Rodair Gulley	5					5
Hexachlorocyclopentadiene	Rodair Gulley	5					5

City: Beaumont, Texas

Facility: **Mobil Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,060	309	603	507	148	3,627
Zinc compounds	An Unnamed Ditch To Willow		259	603	507	148	1,517
Methanol	Willow Marsh Bayou	724					724
Sulfuric acid	Willow Marsh Bayou	477					477
Propionaldehyde	Willow Marsh Bayou	418					418
Zinc compounds	Willow Marsh Bayou	268					268
Vinyl acetate	Willow Marsh Bayou	173					173
Methanol	An Unnamed Ditch To Willow		45				45
Propionaldehyde	Unnamed Ditch To Willow Marsh		5				5

City: Beaumont, Texas

Facility: **Mobil Chemical Co. O/a**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		160	1,550	347	10	13	2,080
Phenol	Neches River		1,536	1		3	1,540
Benzene	Neches River	29	5	159	4	10	207
Cyclohexane	Neches River			107			107
Toluene	Neches River	6	9	66	1		97
Xylene (mixed isomers)	Neches River	18		6			84
Ethylbenzene	Neches River	16		7			24
Styrene	Neches River	3					13
Naphthalene	Neches River	2		1	5		8

City: Beaumont, Texas

Facility: **Alac**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			2,000				2,000
Ammonia	Unknown		2,000				2,000

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Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Beaumont, Texas

Facility: **Olin Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		68	75	117	80	71	411
Ammonia	Neches River	68	75	117	80	71	411

City: Beaumont, Texas

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		7	5	250	36	20	318
Methanol	Neches River	7		250	36	20	313
Methanol	Old River		5				5

City: Bishop, Texas

Facility: **Celanese Eng. Resins Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		9,490	1,677	8,600	9,200	18,300	47,267
Ammonia	San Fernando Creek	3,400		7,400	9,000	12,000	31,800
Formaldehyde	San Fernando Creek	3,600	1,600	100	100	4,100	9,500
Methanol	San Fernando Creek	2,400	45	1,100	100	2,200	5,845
n-Butyl alcohol	San Fernando Creek	90	32				122

City: Borger, Texas

Facility: **Phillips 66 Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		49,231	49,189	49,968	49,077	49,078	246,543
Ammonia	Dixon Creek	37,000	37,000	37,000	37,000	37,000	185,000
Methanol	Patton Creek	3,600	3,600	3,600	3,600	3,600	18,000
Chlorine	Dixon Creek	3,200	3,200	3,200	3,200	3,200	16,000
Toluene	Dixon Creek	1,300	1,300	1,300	1,300	1,300	6,500
Chromium compounds	Dixon Creek	770	770	770	770	770	3,850
Benzene	Dixon Creek	740	740	740	740	740	3,700
Ethylene glycol	Dixon Creek	580	14	580	580	580	2,914
Benzene	Patton Creek	99	99	990	99	99	1,386
Toluene	Patton Creek	230	230	230	230	230	1,150
1,2,4-Trimethylbenzene	Dixon Creek	210	210	210	210	210	1,050
m-Xylene	Dixon Creek		230	230	230	230	920
Cyclohexane	Dixon Creek	230	230	230		230	920
Methanol	Unnamed Tributary To Canadian		370	370			740
Methanol	Unnamed Tributary Of Canadian	370			370		740
Ethylene glycol	Patton Creek	140	140	140	140	140	700
Cyclohexane	Patton Creek	130	130	130	130	130	650
Methanol	Unnamed Tributary Of The					370	370
p-Xylene	Dixon Creek			93	93	93	279
Xylene (mixed isomers)	Unnamed Tributary Of Canadian	243					243
m-Xylene	Unnamed Tributary To Canadian		240				240
Cyclohexane	Unnamed tributary Of Dixon				230		230

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Borger, Texas
Facility: **Phillips 66 Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		49,231	49,189	49,968	49,077	49,078	246,543
Xylene (mixed isomers)	Dixon Creek	230					230
Ethylbenzene	Dixon Creek	37	37	37	37	37	185
o-Xylene	Dixon Creek			30	30	30	90
Cumene	Dixon Creek	8	8	8	8	8	40
m-Xylene	Patton Creek		9	8	8	9	34
Toluene	Unnamed Tributary To Canadian		17	17			34
Toluene	Unnamed Tributary Of Canadian	17			17		34
Benzene	Unnamed Tributary Of Canadian	16			16		32
Ethylene glycol	Unnamed Tributary Of Canadian	14			14		28
Toluene	Unnamed Tributary Of The					17	17
Zinc compounds	Unnamed Tributary Of Canadian	17					17
Benzene	Unnamed Tributary To Canadian		16				16
Benzene	Unnamed Tributary To Canadian			16			16
Benzene	Unnamed Tributary Of The					16	16
Ethylene glycol	Unnamed Tributary Of Candian			14			14
Ethylene glycol	Unnamed Tributary Of The					14	14
Cyclohexane	Unnamed Tributary Of Canadian	6			6		12
1,2,4-Trimethylbenzene	Unnamed Tributary Of Canadian	5			5		10
Copper compounds	Patton Creek	9					9
Zinc compounds	Patton Creek	9					9
Xylene (mixed isomers)	Patton Creek	9					9
Ammonia	Unnamed Tributary To Canadian		4	4			8
Ammonia	Unnamed Tributary Of Canadian	4			4		8
m-Xylene	Unnamed Tributary To Candian			6			6
m-Xylene	Unnamed Tributary Of Canadian				6		6
m-Xylene	Unnamed Tributary Of The					6	6
Cyclohexane	Unnamed Tributary To Canadian		6				6
Cyclohexane	Unnamed Tributary Of Canadian			6			6
Cyclohexane	Unnamed Tributary Of The					6	6
1,2,4-Trimethylbenzene	Unnamed Tirbutary To Canadian		5				5
1,2,4-Trimethylbenzene	Unnamed Tributary To Canadian			5			5
1,2,4-Trimethylbenzene	Unnamed Tributary Of The					5	5
p-Xylene	Unnamed Tributary To Canadian		2	2			4
Ammonia	Unnamed Tributary Of The					4	4
Copper compounds	Unnamed Tributary Of Canadian	4					4
o-Xylene	Unnamed Tributary To Canadian		1	1			2
Ethylbenzene	Unnamed Tributary To Canadian		1	1			2
Ethylbenzene	Unnamed Tributary Of Canadian	1			1		2
p-Xylene	Unnamed Tributary Of Canadian				2		2
p-Xylene	Unnamed Tributary Of The					2	2
o-Xylene	Unnamed Tributary Of Canadian				1		1
o-Xylene	Unnamed Tributary Of The					1	1
Ethylbenzene	Unnamed Tributary Of The					1	1
Lead compounds	Patton Creek	1					1
Lead compounds	Unnamed Tributary Of Canadian	1					1
Nickel compounds	Patton Creek	1					1

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Borger, Texas
Facility: **Phillips 66 Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,004	2,031	2,328	2,171	1,456	9,990
Nickel compounds	Dixon Creek		1,100	1,000	936	770	3,806
Toluene	Dixon Creek		400	700	670	670	2,440
Acetone	Dixon Creek		500	580	520		1,600
Cyclohexane	Tributary Of Dixon Creek	750					750
Acetone	Tributary Of Dixon Creek	650					650
1,4-Dichlorobenzene	Tributary Of Dixon Creek	250					250
Phenol	Tributary Of Dixon Creek	250					250
Toluene	Tributary Of Dixon Creek	90					90
1,4-Dichlorobenzene	Dixon Creek		10	20	20		50
Methyl tert-butyl ether	Dixon Creek		9	15	5	10	39
Phenol	Dixon Creek		4	4	8	5	21
o-Xylene	Dixon Creek		4	4	3		11
m-Xylene	Dixon Creek		2	2	3		7
Methyl tert-butyl ether	Tributary Of Dixon Creek	7					7
Benzyl chloride	Dixon Creek				5		5
Cyclohexane	Dixon Creek		2	2		1	5
p-Xylene	Dixon Creek			1	1		2
m-Xylene	Tributary Of Dixon Creek	2					2
o-Xylene	Tributary Of Dixon Creek	2					2
p-Xylene	Tributary Of Dixon Creek	2					2
Benzene	Tributary Of Dixon Creek	1					1

City: Borger, Texas
Facility: **Cominco Fertilizers U.S. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			25	147	250	12	434
Ammonia	Rock Creek			147	250	12	409
Ammonia	Rock Creek		25				25

City: Brownsville, Texas
Facility: **M-i Drilling Fluids Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	250				500
Barium compounds	Brownsville Ship Channel	250	250				500

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Brownwood, Texas

Facility: **3m**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						342	342
Zinc compounds	Willis Creek Tributary					250	250
Barium compounds	Willis Creek Tributary					85	85
Xylene (mixed isomers)	Willis Creek Tributary					6	6
Ethylbenzene	Willis Creek Tributary					1	1

City: Bryan, Texas

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		85	202	250	5	5	547
Arsenic compounds	No-name Lake	75	200	250			525
Arsenic compounds	Finfeather Lake				5	5	10
Antimony compounds	No-name Lake	5	2				7
Maneb	No-name Lake	5					5

City: Center, Texas

Facility: **Tyson Foods Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,000					3,000
Chlorine	Praire Creek To Teneha Creek	3,000					3,000

City: Channelview, Texas

Facility: **Lyondell Petrochemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		56,657	73,922	76,496	16,645	35,140	258,860
Ammonia	San Jacinto River/Bay	28,000	29,000	17,000	13,000	35,000	122,000
Acetonitrile	San Jacinto River/Bay	5,000	5,500	33,000			43,500
Methyl ethyl ketone	San Jacinto River/Bay	9,900	11,000	1,500			22,400
Acetone	San Jacinto River/Bay	5,700	8,800	3,300			17,800
Zinc compounds	San Jacinto River/Bay	4,100	6,200	3,200	2,700		16,200
Nickel	San Jacinto River/Bay		7,500	4,300	95		11,895
sec-Butyl alcohol	San Jacinto River/Bay	500	540	6,500			7,540
Methyl tert-butyl ether	San Jacinto River/Bay	2,500	2,700				5,200
Chromium	San Jacinto River/Bay	900	1,600	1,300	660		4,460
Xylene (mixed isomers)	San Jacinto River/Bay			3,100			3,100
Copper	San Jacinto River/Bay		990	1,100	190	140	2,420
Styrene	San Jacinto River/Bay			1,000			1,000
tert-Butyl alcohol	San Jacinto River/Bay			660			660
Cyclohexane	San Jacinto River/Bay			400			400
Ethylbenzene	San Jacinto River/Bay			100			100
Benzene	San Jacinto River/Bay	26	35	14			75
Cumene	San Jacinto River/Bay	25	27	14			66
Toluene	San Jacinto River/Bay		16	8			24
Maleic anhydride	San Jacinto River/Bay	6	5				11

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Channelview, Texas

Facility: **Lyondell Petrochemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		56,657	73,922	76,496	16,645	35,140	258,860
Naphthalene	San Jacinto River/Bay		9				9

City: Channelview, Texas

Facility: **Arco Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		5,330	4,660	3,439	2,873	313	16,615
Ammonia	San Jacinto River/Bay	4,600	4,410	3,100	2,609		14,719
Ethylbenzene	San Jacinto River/Bay	600		150	4	72	826
Copper	San Jacinto River/Bay				252	134	386
Chromium compounds	San Jacinto River/Bay	130	110	30			270
Benzene	San Jacinto River/Bay		140	9	4	15	168
Copper compounds	San Jacinto River/Bay			140			140
Toluene	San Jacinto River/Bay			10	4	92	106

City: Channelview, Texas

Facility: **Howell Hydrocarbons**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		9,300			10		9,310
Methyl tert-butyl ether	Carpenter's Bayou	9,300					9,300
Methanol	Carpenter's Bayou				10		10

City: Channelview, Texas

Facility: **Precoat Metals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5	5	270	262	792
Chromium compounds	Houston Ship Channel		5	5	250	250	510
Chromium	Houston Ship Channel	250					250
Copper	Houston Ship Channel				5	5	10
Zinc compounds	Houston Ship Channel				5	5	10
Cobalt	Houston Ship Channel				5	2	7
Nickel	Houston Ship Channel				5		5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Channelview, Texas

Facility: **Southwestern Barge Fleet**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		65	90				155
Methanol	San Jacinto River/Bay	5	5				10
Acetone	San Jacinto River/Bay	5	5				10
Benzene	San Jacinto River/Bay	5	5				10
Dichloromethane	San Jacinto River/Bay	5	5				10
Cumene	San Jacinto River/Bay	5	5				10
Styrene	San Jacinto River/Bay	5	5				10
Acrylonitrile	San Jacinto River/Bay	5	5				10
Ethylene glycol	San Jacinto River/Bay	5	5				10
Toluene	San Jacinto River/Bay	5	5				10
Xylene (mixed isomers)	San Jacinto River/Bay	5	5				10
Methyl tert-butyl ether	San Jacinto River/Bay	5	5				10
Aniline	San Jacinto River/Bay		5				5
n-Butyl alcohol	San Jacinto River/Bay		5				5
Methyl ethyl ketone	San Jacinto River/Bay		5				5
o-Xylene	San Jacinto River/Bay		5				5
p-Xylene	San Jacinto River/Bay		5				5
Vinyl acetate	San Jacinto River/Bay		5				5
Tetrachloroethylene	San Jacinto River/Bay		5				5
Butyl acrylate	San Jacinto River/Bay	5					5
Cyclohexane	San Jacinto River/Bay	5					5

City: Cheek, Texas

Facility: **Goodyear Tire & Rubber Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		5,322	11,410	8,121	8,060	8,110	41,023
Allyl alcohol	Kidd Gulley	3,900	3,369	3,347	3,400	3,215	17,231
Acetonitrile	Kidd Gulley	1,200	6,200	2,674	2,770	2,559	15,403
tert-Butyl alcohol	Kidd Gulley		1,296	1,100	1,100	1,058	4,554
1,3-Butadiene	Kidd Gulley	39	460	440	470	950	2,359
Nickel	Kidd Gulley			250	250	250	750
Styrene	Kidd Gulley	4	7	250	11	21	293
Toluene	Kidd Gulley	50	46	45	44	42	227
p-Cresol	Kidd Gulley	77	31	15	15	15	153
Benzene	Kidd Gulley	46					46
Hydrogen fluoride	Kidd Gulley	5					5
Nickel compounds	Kidd Gulley	1	1				2

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Conroe, Texas

Facility: **Huntsman Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		8,400	12,120	2,900	6,610	1,400	31,430
Ammonia	Crystal Creek		12,100	2,900	6,610	1,400	23,010
Ammonia	Crystal Creek	8,400					8,400
Benzene	Crystal Creek		20				20

City: Conroe, Texas

Facility: **Conroe Creosoting Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			50	3,750	3,750		7,550
Arsenic	Stewart's Creek		5		750		755
Chromium	Stewart's Creek		5		750		755
Copper	Stewart's Creek		5		750		755
Creosote	Stewart's Creek		5		750		755
Pentachlorophenol	Unknown			750			750
Pentachlorophenol	Stewart's Creek				750		750
Arsenic	Unknown			750			750
Chromium	Unknown			750			750
Copper	Unknown			750			750
Creosote	Unknown			750			750
Pentachlorophenol	Stewart's Creek		5				5
Pentachlorophenol	Little Caney Creek		5				5
Arsenic	Little Caney Creek		5				5
Chromium	Little Caney Creek		5				5
Copper	Little Caney Creek		5				5
Creosote	Little Caney Creek		5				5

City: Conroe, Texas

Facility: **Dal-tile Corp. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750	15	10	10	10	795
Zinc compounds	Crystal Creek	250					250
Barium compounds	Crystal Creek	250					250
Lead compounds	Crystal Creek	250					250
Barium compounds	East Fork Crystal Creek		5	5			10
Barium compounds	Fork Of Crystal Creek				5	5	10
Zinc compounds	East Fork Crystal Creek		5	5			10
Zinc compounds	Fork Of Crystal Creek				5	5	10
Lead compounds	East Fork Crystal Creek		5				5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Corpus Christi, Texas

Facility: **American Chrome & Chemicals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		214,450	18,150	21,550	22,550	21,900	298,600
Ammonium sulfate (solution)	Corpus Christi Bay	210,000					210,000
Ammonia	Corpus Christi Bay		15,000	20,000	21,000	18,500	74,500
Chlorine	Corpus Christi Bay	4,200	2,400	1,300	1,300	1,400	10,600
Chromium compounds	Corpus Christi Bay	250	750	250	250	2,000	3,500

City: Corpus Christi, Texas

Facility: **Coastal Refining & Marketing**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		44,600	16,505	953	13,744	2,686	78,488
Ammonia	Corpus Christi Bay	44,100	16,000	453	12,244	1,850	74,647
Zinc compounds	Corpus Christi Bay	250			750	408	1,408
Nickel compounds	Corpus Christi Bay				750	423	1,173
Chromium	Corpus Christi Bay		250	250			500
Zinc (fume or dust)	Corpus Christi Bay		250	250			500
Chromium compounds	Corpus Christi Bay	250					250
Chlorine	Corpus Christi Bay		5				5
Lead compounds	Corpus Christi Bay					5	5

City: Corpus Christi, Texas

Facility: **Valero Refining Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		13,768	5,284	14,371	16,526	26,684	76,633
Ammonia	Corpus Christi Bay	11,872		10,395	12,566	1,917	36,750
Chlorine	Corpus Christi Bay	72		2,987	3,471	5,212	11,742
Antimony compounds	Corpus Christi Bay			592		10,983	11,575
Nickel compounds	Corpus Christi Bay			256	298	4,726	5,280
Molybdenum trioxide	Corpus Christi Bay			95	191	3,788	4,074
Ammonia	Tule Lake Ship Channel		3,862				3,862
Arsenic	Corpus Christi Bay	515					515
Arsenic	Tule Lake Ship Channel		478				478
Chlorine	Tule Lake Ship Channel		419				419
Antimony	Corpus Christi Bay	250					250
Cyclohexane	Corpus Christi Bay	250					250
Methanol	Corpus Christi Bay	250					250
Copper compounds	Corpus Christi Bay	250					250
Toluene	Tule Lake Ship Channel		220				220
Selenium	Corpus Christi Bay	186					186
Selenium	Tule Lake Ship Channel		173				173
Cobalt compounds	Corpus Christi Bay					51	51
Nickel	Corpus Christi Bay	40					40
Nickel	Tule Lake Ship Channel		37				37
Xylene (mixed isomers)	Corpus Christi Bay			24			24
Xylene (mixed isomers)	Tule Lake Ship Channel		22				22
Toluene	Corpus Christi Bay	5		12			17
Benzene	Corpus Christi Bay	5		5			10
m-Xylene	Corpus Christi Bay	8					8

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Corpus Christi, Texas

Facility: **Valero Refining Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		13,768	5,284	14,371	16,526	26,684	76,633
p-Xylene	Corpus Christi Bay	8					8
o-Xylene	Corpus Christi Bay	8					8
Arsenic compounds	Corpus Christi Bay					7	7
Benzene	Tule Lake Ship Channel		5				5
Naphthalene	Tule Lake Ship Channel		5				5
Ethylbenzene	Tule Lake Ship Channel		5				5
1,3-Butadiene	Tule Lake Ship Channel		5				5
Cyclohexane	Tule Lake Ship Channel		5				5
Diethanolamine	Tule Lake Ship Channel		5				5
Cresol (mixed isomers)	Tule Lake Ship Channel		5				5
Cresol (mixed isomers)	Corpus Christi Bay			5			5
Lead	Tule Lake Ship Channel		5				5
Barium	Tule Lake Ship Channel		5				5
Chromium	Tule Lake Ship Channel		5				5
Cobalt	Tule Lake Ship Channel		5				5
Vanadium (fume or dust)	Tule Lake Ship Channel		5				5
Antimony compounds	Tule Lake Ship Channel		5				5
Hydrogen fluoride	Corpus Christi Bay	5					5
Thallium	Corpus Christi Bay	5					5
Sulfuric acid	Corpus Christi Bay	5					5
1,3-Butadiene	Corpus Christi Bay	5					5
Propylene	Corpus Christi Bay	5					5
Diethanolamine	Corpus Christi Bay	5					5
Methyl tert-butyl ether	Corpus Christi Bay	5					5
Lead	Corpus Christi Bay	5					5
Phosphoric acid	Corpus Christi Bay	5					5
Ethylbenzene	Corpus Christi Bay	4					4
Copper	Tule Lake Ship Channel		2				2
Methanol	Tule Lake Ship Channel		1				1
Ethylene glycol	Tule Lake Ship Channel		1				1
Molybdenum trioxide	Tule Lake Ship Channel		1				1
Methyl tert-butyl ether	Tule Lake Ship Channel		1				1
Mercury	Tule Lake Ship Channel		1				1
Thallium	Tule Lake Ship Channel		1				1

City: Corpus Christi, Texas

Facility: **Southwestern Refining Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,506	13,546	14,829	11,967	6,726	59,574
Ammonia	Corpus Christi Bay	12,000	13,000	14,000	11,000	2,400	52,400
Diethanolamine	Corpus Christi Bay	190	210	82	190	4,100	4,772
Nickel compounds	Corpus Christi Bay	200	220	180	180	85	865
Zinc compounds	Corpus Christi Bay			300	300		600
Cyclohexane	Corpus Christi Bay	20	20	19	180	5	244
Xylene (mixed isomers)	Corpus Christi Bay	18	18	65	19	13	133
1,2,4-Trimethylbenzene	Corpus Christi Bay	20	20	65	20		125
Benzene	Corpus Christi Bay	18	18	40	19	9	104
Toluene	Corpus Christi Bay	18	18	31	19	9	95

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Corpus Christi, Texas

Facility: **Southwestern Refining Co. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		12,506	13,546	14,829	11,967	6,726	59,574
Ethylbenzene	Corpus Christi Bay	20	20	10	19	9	78
Methyl tert-butyl ether	Corpus Christi Bay	2	2	18	2	54	78
Methanol	Corpus Christi Bay			19	19	27	65
Cumene	Corpus Christi Bay					15	15

City: Corpus Christi, Texas

Facility: **Koch Refining Co. L.p.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		9,180	833	12,955	3,552	9,072	35,592
Ammonia	Corpus Christi Bay	8,800	770	12,830	3,302		25,702
p-Xylene	Corpus Christi Bay					9,072	9,072
Phenol	Corpus Christi Bay	100	63	125	250		538
Chromium compounds	Corpus Christi Bay	280					280

City: Corpus Christi, Texas

Facility: **Citgo Refining & Chemicals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,996	10,969	2,543	11,993	1,818	29,319
Ammonia	Corpus Christi Bay	1,989	10,516	2,315	11,149	1,789	27,758
Benzene	Corpus Christi Bay				832	18	850
Chromium compounds	Corpus Christi Bay		436	218			654
Phenol	Corpus Christi Bay	7	17	10	12	11	57

City: Corpus Christi, Texas

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,538	504	1,811	411	615	5,879
Ammonia	Corpus Christi Bay	2,390	407	1,753	409	613	5,572
Chromium compounds	Corpus Christi Bay	140	92	55			287
Phenol	Corpus Christi Bay	8	5	3	2	2	20

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Corpus Christi, Texas

Facility: **Javelina Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750					750
Methanol	Tule Lake Ship Channel	750					750

City: Corsicana, Texas

Facility: **Chem Lab Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					5,600		5,600
Hydrochloric acid	Richland - Chambers Reservoir				5,600		5,600

City: Crosby, Texas

Facility: **KMCO Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		975	945	945	1,605	1,605	6,075
Ethylene glycol	Jackson Bayou	250	250	250	250	250	1,250
Ethylene glycol	San Jacinto River/Bay	250	250	250	250	250	1,250
Ethylene glycol	Unknown			250	250	250	750
Ethylene glycol	Unnamed Ditch Paralleling	250	250				500
Glycol ethers	Unknown				250	250	500
Glycol ethers	Jackson Bayou				250	250	500
Glycol ethers	San Jacinto River/Bay				250	250	500
Maleic anhydride	Jackson Bayou	5	5	5	5	5	25
Maleic anhydride	San Jacinto River/Bay	5	5	5	5	5	25
Toluene	Jackson Bayou	5	5	5	5	5	25
Toluene	San Jacinto River/Bay	5	5	5	5	5	25
Diethanolamine	Jackson Bayou	5	5	5	5	5	25
Diethanolamine	San Jacinto River/Bay	5	5	5	5	5	25
Xylene (mixed isomers)	Jackson Bayou	5	5	5	5	5	25
Xylene (mixed isomers)	San Jacinto River/Bay	5	5	5	5	5	25
Phosphoric acid	Jackson Bayou	5	5	5	5	5	25
Phosphoric acid	San Jacinto River/Bay	5	5	5	5	5	25
Propylene oxide	Jackson Bayou	5	5	5			20
Sulfuric acid	Jackson Bayou	5	5		5	5	20
Sulfuric acid	San Jacinto River/Bay	5	5		5	5	20
Ethylene oxide	Jackson Bayou	5	5	5			15
Ethylene oxide	San Jacinto River/Bay	5	5	5			15
Naphthalene	Jackson Bayou	5	5	5			15
Naphthalene	San Jacinto River/Bay	5	5	5			15
Benzyl chloride	Jackson Bayou	5	5	5			15
Benzyl chloride	San Jacinto River/Bay	5	5	5			15
Maleic anhydride	Unknown			5	5	5	15
Toluene	Unknown			5	5	5	15
Diethanolamine	Unknown			5	5	5	15
Ethyl acrylate	Jackson Bayou	5	5	5			15
Ethyl acrylate	San Jacinto River/Bay	5	5	5			15
Cresol (mixed isomers)	Jackson Bayou	5	5	5			15
Cresol (mixed isomers)	San Jacinto River/Bay	5	5	5			15
Xylene (mixed isomers)	Unknown			5	5	5	15

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Crosby, Texas
Facility: **KMCO Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		975	945	945	1,605	1,605	6,075
Phosphoric acid	Unknown			5	5	5	15
Methanol	Unknown				5	5	10
Methanol	Jackson Bayou				5	5	10
Methanol	San Jacinto River/Bay				5	5	10
Ethylene oxide	Unnamed Ditch Paralleling	5	5				10
Propylene oxide	Unnamed Ditch Paralleling	5	5				10
Propylene oxide	San Jacinto River/Bay	5		5			10
Naphthalene	Unnamed Ditch Paralleling	5	5				10
Benzyl chloride	Unnamed Ditch Paralleling	5	5				10
Maleic anhydride	Unnamed Ditch Paralleling	5	5				10
Toluene	Unnamed Ditch Paralleling	5	5				10
Pyridine	Unnamed Ditch Paralleling	5	5				10
Pyridine	Jackson Bayou	5	5				10
Pyridine	San Jacinto River/Bay	5	5				10
Diethanolamine	Unnamed Ditch Paralleling	5	5				10
Ethyl acrylate	Unnamed Ditch Paralleling	5	5				10
Cresol (mixed isomers)	Unnamed Ditch Paralleling	5	5				10
Xylene (mixed isomers)	Unnamed Ditch Paralleling	5	5				10
Phosphoric acid	Unnamed Ditch Paralleling	5	5				10
Sulfuric acid	Unnamed Ditch Paralleling	5	5				10
Sulfuric acid	Unknown				5	5	10
Mixtures and other trade	Unnamed Ditch Paralleling	5					10
Mixtures and other trade	Jackson Bayou	5					10
Mixtures and other trade	San Jacinto River/Bay	5					10
Formaldehyde	Unknown			5			5
Formaldehyde	Jackson Bayou			5			5
Formaldehyde	San Jacinto River/Bay			5			5
Ethylene oxide	Unknown			5			5
Propylene oxide	Unknown			5			5
Naphthalene	Unknown			5			5
Benzyl chloride	Unknown			5			5
Ethyl acrylate	Unknown			5			5
Cresol (mixed isomers)	Unknown			5			5
Nitric acid	Unknown			5			5
Nitric acid	Jackson Bayou			5			5
Nitric acid	San Jacinto River/Bay			5			5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Crowley, Texas

Facility: **Aztec Mfg. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			250	250	237	237	974
Zinc compounds	Deer Creek		250	250	237	237	974

City: Dallas, Texas

Facility: **Vought Aircraft Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				255	260	260	775
Chromium compounds	Mountain Creek Lake			250	250	250	750
1,1,1-Trichloroethane	Mountain Creek Lake			5	5	5	15
Toluene	Mountain Creek Lake				5	5	10

City: Dallas, Texas

Facility: **Dixie Metals Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750					750
Arsenic	Trinity River	250					250
Lead	Trinity River	250					250
Antimony	Trinity River	250					250

City: Dallas, Texas

Facility: **Master Halco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					320	338	658
Zinc compounds	Unknown				320	338	658

City: Dayton, Texas

Facility: **Baker Performance Chemicals**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		260			255	652	1,167
Sulfuric acid	Old River				250	652	902
Naphthalene	Unknown	250					250
Formaldehyde	Old River				5		5
Naphthalene	Big Ditch		5				5
Naphthalene	Segment 801 Of The Trinity River		5				5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Deer Park, Texas

Facility: **Rohm & Haas Texas Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		171,373	87,675	41,017	138,951	22,262	461,278
Ammonia	Houston Ship Channel	130,000	79,000	37,850	121,441	6,919	375,210
Cyanide compounds	Houston Ship Channel	9,200	2,300	104	6,935	11,366	29,905
Acrylic acid	Tuckers Bayou	21,000					21,000
Ammonia	Tuckers Bayou	6,900	1,900	1,252	5,762	676	16,490
Copper compounds	Houston Ship Channel	1,200	1,400	1,240	927	1,037	5,804
Chromium compounds	Houston Ship Channel	1,100	2,300	198	573	595	4,766
Zinc compounds	Houston Ship Channel	310	280	280	1,416	1,070	3,356
Acetone	Houston Ship Channel				1,368		1,368
Sulfuric acid	Tuckers Bayou	1,000					1,000
Chromium compounds	Tuckers Bayou	350	430	39	113	66	998
Zinc compounds	Tuckers Bayou	97	54	54	336	325	866
Copper compounds	Tuckers Bayou	140			80	73	293
Naphthalene	Houston Ship Channel					135	135
Sulfuric acid	Houston Ship Channel	36	11				47
Cyanide compounds	Tuckers Bayou	40					40

City: Deer Park, Texas

Facility: **Shell Oil Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		20,920	32,411	24,712	13,142	15,660	106,845
Ammonia	Houston Ship Channel	1,530	13,278	10,556	3,334	8,681	37,379
Ammonia	Patrick's Bayou	10,900	10,607	3,621	1,606	2,800	29,534
Barium compounds	Houston Ship Channel	1,530	1,447	1,973	1,905	713	7,568
Zinc compounds	Patrick's Bayou	2,390	1,660	1,125	1,040		6,215
Zinc compounds	Houston Ship Channel	1,850	1,227	1,370	241	1,240	5,928
Chromium compounds	Patrick's Bayou	590	2,434	1,594	986	252	5,856
Chromium compounds	Houston Ship Channel	910	438	863	1,111	1,240	4,562
Barium compounds	Patrick's Bayou	870	332	1,313	1,200		3,715
Nickel compounds	Patrick's Bayou	190	526	1,294	1,200		3,210
Phenol	Houston Ship Channel		158	230	238	310	936
Phenol	Patrick's Bayou	160	22	187	196	201	766
Nickel compounds	Houston Ship Channel		149	521	45		715
Toluene	Patrick's Bayou		113	56	30	33	232
1,2-Dichloroethane	Patrick's Bayou					179	179
Benzene	Patrick's Bayou		20	9	10	11	50

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Deer Park, Texas

Facility: **Lubrizol Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,447	11,239	12,022	13,075	17,089	65,872
Methanol	Patrick's Bayou	4,648	4,648	3,512	3,830	5,962	22,600
Ammonia	Patrick's Bayou	6,498	3,271	2,156	2,328	318	14,571
Barium compounds	Patrick's Bayou	5	1,570	5,093	5,882	1,126	13,676
Ethylene glycol	Patrick's Bayou	577	750	750	750	9,008	11,835
Zinc compounds	Patrick's Bayou	219	250	297	204	98	1,068
Phenol	Patrick's Bayou	250	250	182	58	36	776
Phosphoric acid	Patrick's Bayou					530	530
Toluene	Patrick's Bayou	250	250	4			504
Copper compounds	Patrick's Bayou		250	1	7		258
1,2,4-Trimethylbenzene	Patrick's Bayou			13	16		29
Dichlorodifluoromethane	Patrick's Bayou			14			14
Xylene (mixed isomers)	Patrick's Bayou					11	11

City: Deer Park, Texas

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		18,087	13,935	14,554	13,138	3,014	62,728
Chlorine	Houston Ship Channel	3,000	9,430	12,000	10,000		34,430
Chlorine	Patrick's Bayou	10,000					10,000
1,2-Dichloroethane	Houston Ship Channel	180	2,700		1,600	2,300	6,780
Tetrachloroethylene	Houston Ship Channel		1,300	1,800	1,500	210	4,810
1,2-Dichloroethane	Patrick's Bayou	4,000					4,000
Chloroform	Patrick's Bayou	770					770
Methanol	Houston Ship Channel			700			700
Carbon tetrachloride	Houston Ship Channel		80	50	33	500	663
Trichloroethylene	Houston Ship Channel		310				310
Chloroform	Houston Ship Channel	110	110				220
Carbon tetrachloride	Patrick's Bayou	24					24
Mercury compounds	Houston Ship Channel		5	4	5	4	18
Ammonia	Patrick's Bayou	3					3

City: Deer Park, Texas

Facility: **Solvay Intertox**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		17,430	11,500	500	505		29,935
Naphthalene	Houston Ship Channel	17,000	9,200	250	250		26,700
1,2,4-Trimethylbenzene	Houston Ship Channel	430	2,300		250		2,980
Ethylene glycol	Houston Ship Channel			250	5		255

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Deer Park, Texas

Facility: **Akzo Nobel Chemicals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		368		559	222	127	1,276
Aluminum (fume or dust)	Houston Ship Channel	365		559	219	124	1,267
Zinc compounds	Houston Ship Channel				3	3	6
Naphthalene	Houston Ship Channel	3					3

City: Deer Park, Texas

Facility: **W. R. Grace & Co.-conn.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		304	32	31			367
Ammonia	Houston Ship Channel	300	30	30			360
Hydrogen cyanide	Houston Ship Channel	4	2	1			7

City: Deer Park, Texas

Facility: **Solvay Polymers Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		135	150				285
Zinc compounds	Houston Ship Channel	135	150				285

City: Deer Park, Texas

Facility: **Global Octanes Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					154	123	277
Ammonia	Tuckers Bayou				154	123	277

City: Denison, Texas

Facility: **Pillsbury Co.**

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

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Domino, Texas

Facility: **International Paper**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		114,900	98,100	66,900	60,805	5,746	346,451
Ammonia	Sulphur River	74,000	67,000	49,000	45,000	1,100	236,100
Acetone	Sulphur River	8,300	7,800	9,000	12,000		37,100
Chloroform	Sulphur River	15,000	7,000	2,700	1,800	2,300	28,800
Zinc compounds	Sulphur River	13,000	12,000				25,000
Catechol	Sulphur River	3,200	3,000	3,900	100	110	10,310
Methyl ethyl ketone	Sulphur River	1,400	1,300	1,500	1,600	820	6,620
Phenol	Sulphur River			800	260	180	1,240
Acetaldehyde	Sulphur River				45	1,000	1,045
Cresol (mixed isomers)	Sulphur River					220	220
Formaldehyde	Sulphur River					16	16

City: Dumas, Texas

Facility: **Amax Potash Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Hydrochloric acid	South Palo Duro Creek	250					250

City: El Paso, Texas

Facility: **Phelps Dodge Magnet Wire No.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					1,005	1,505	2,510
Copper	Unknown				615	5	620
Cresol (mixed isomers)	Unknown				250	250	500
Phenol	Unknown				140	250	390
n-Butyl alcohol	Unknown					250	250
1,2,4-Trimethylbenzene	Unknown					250	250
Cumene	Unknown					250	250
Xylene (mixed isomers)	Unknown					250	250

City: Evadale, Texas

Facility: **Temple-Inland FPC Bleached**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		14,050	14,050	13,950	10,350	4,763	57,163
Acetone	Neches River	9,000	9,000	9,000	5,800		32,800
Catechol	Neches River	2,900	2,900	2,900	3,000	3,000	14,700
Chloroform	Neches River	1,400	1,400	750	250	43	3,843
Phenol	Neches River			1,300	1,300	240	2,840
Ammonia	Neches River	750	750				1,500
Acetaldehyde	Neches River					1,480	1,480

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Farmers Branch, Texas

Facility: **Gnb Techs. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			250	500	250	251	1,251
Lead compounds	Farmers Branch Creek			250	250	250	750
Barium compounds	Farmers Branch Creek			250			250
Lead compounds	Trinity River		250				250
Antimony	Farmers Branch Creek					1	1

City: Fort Worth, Texas

Facility: **Synthetic Prods. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					10	255	265
Zinc compounds	Marine Creek				5	250	255
Nickel	Marine Creek				5	5	10

City: Freeport, Texas

Facility: **Dow Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		464,016	464,378	480,350	277,332	195,530	1,881,606
Ammonia	Brazos River	420,000	400,000	410,000	200,000	170,000	1,600,000
Zinc compounds	Brazos River	3,400	14,000	8,100	11,000	2,400	38,900
Chlorine	Brazos River	4,700	4,500	6,700	17,000	5,000	37,900
Acetone	Brazos River	8,000	8,700	8,100	8,600		33,400
Methyl ethyl ketone	Brazos River	2,100	2,400	11,000	6,700	1,300	23,500
Diethanolamine	Brazos River	1,100	2,200	8,700	8,700		20,700
Copper compounds	Brazos River	25	6,000	6,800	2,900	4,400	20,125
Methanol	Brazos River		15,000			370	15,370
1,4-Dioxane	Brazos River	12,000	770			33	12,803
1,1,2,2-Tetrachloroethane	Brazos River	1,600	1,520	4,600	2,400	970	11,090
Barium compounds	Brazos River	2,200	2,400	2,200	2,500		9,300
tert-Butyl alcohol	Brazos River		47	3,200	3,200		6,447
Styrene	Brazos River	110	200	1,100	3,700	690	5,800
Cyanide compounds	Brazos River		12	2,000	1,700	1,700	5,412
1,2-Dichloropropane	Brazos River	1,400	1,800	700	690	410	5,000
Chloroform	Brazos River	1,500	1,200	1,200	590	410	4,900
2,3-Dichloropropene	Brazos River	590	47	1,600	1,900	360	4,497
1,2-Dichloroethane	Brazos River	870	470	470	570	1,400	3,780
Methyl isobutyl ketone	Brazos River	350	720	770	1,400	4	3,244
Dichloromethane	Brazos River	400	460	520	290	660	2,330
Phenol	Brazos River	330	420	470	600	220	2,040
Ethylene glycol	Brazos River	190	69	26	29	1,700	2,014
Ethylbenzene	Brazos River	600	4	4	43	340	991
1,2-Butylene oxide	Brazos River			620	26	210	856
Tetrachloroethylene	Brazos River	320	240	110	60	23	753
Carbon tetrachloride	Brazos River	670	11	4	4	29	718
1,1,2-Trichloroethane	Brazos River	120	30	130	170	260	710
Benzene	Brazos River	300	250	26	54	75	705
Xylene (mixed isomers)	Brazos River	29	22	300	270	7	628
Manganese compounds	Brazos River	140	470				610

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Freeport, Texas

Facility: **Dow Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		464,016	464,378	480,350	277,332	195,530	1,881,606
Hexachlorobenzene	Brazos River		22		290	190	502
Toluene	Brazos River	300		22	69	110	501
Hexachloroethane	Brazos River				290	190	480
Hexachloro-1,3-butadiene	Brazos River				290	190	480
Biphenyl	Brazos River			220	200	37	457
Acrolein	Brazos River		7			440	447
Ethylene	Brazos River			200	190	37	427
Epichlorohydrin	Brazos River					360	360
Naphthalene	Brazos River	33	51	51	140	55	330
4,4'-Isopropylidenediphenol	Brazos River	99	130	18	26	55	328
1,3-Dichloropropylene	Brazos River	310		2	2	12	326
Ethylene oxide	Brazos River				40	190	230
Chloromethane	Brazos River	36		93	68	22	219
Acrylic acid	Brazos River		18	18		170	206
Acrylonitrile	Brazos River				130	66	196
Propionaldehyde	Brazos River	69	58		47	7	181
Propylene oxide	Brazos River				18	160	178
Trichloroethylene	Brazos River	38	13	26	20	76	173
Glycol ethers	Brazos River	22			140		162
Diaminotoluene (mixed)	Brazos River		73		51	11	135
Cumene	Brazos River		4	51	40	11	106
Anthracene	Brazos River		4	4	94	4	106
Chromium compounds	Brazos River			79			79
Vinyl chloride	Brazos River		10		11	57	78
1,1,1-Trichloroethane	Brazos River	17	2	30	4	22	75
1,2-Dichlorobenzene	Brazos River		8	41	18	7	74
Chloroethane	Brazos River	18	14		8	12	52
Vinylidene chloride	Brazos River	29	2	10	8	3	52
Propylene	Brazos River			15	15	4	34
Chlorobenzene	Brazos River				15	12	27
Bis(2-chloro-1-methylethyl)ethe	Brazos River					26	26
1,3-Butadiene	Brazos River			18	7		25
1,2-Dichloroethylene	Brazos River	1		2	5	16	24
Allyl chloride	Brazos River					7	7

City: Freeport, Texas

Facility: **Gulf Chemical & Metallurgical**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		108,001	83,010	56,712	68,365	58,532	374,620
Ammonia	Brazos River	100	700	890	160	27	202,677
Ammonia	Dow Effluent Canal	94,200					94,200
Molybdenum trioxide	Brazos River	250	3,360	3,048	5,000	2,000	63,782
Molybdenum trioxide	Dow Effluent Canal	13,340					13,340
Nickel compounds	Brazos River		250	250	5	5	510
Nickel compounds	Dow Effluent Canal	95					95
Arsenic compounds	Dow Effluent Canal	16					16

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Freeport, Texas

Facility: **BASF Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		28,375	25,905	55,160	63,850	2,500	175,790
Ammonia	Brazos River	23,000	23,000	54,000	62,000	1,100	163,100
Zinc compounds	Brazos River	480	750	660	1,600	1,300	4,790
n-Butyl alcohol	Brazos River	2,200					2,200
Biphenyl	Brazos River	530	1,400				1,930
Dimethyl phthalate	Brazos River	1,400	250				1,650
Cobalt compounds	Brazos River	100	250	250	250		850
Nickel compounds	Brazos River		250	250			500
Copper compounds	Brazos River	250	5			100	355
Benzene	Brazos River	250					250
Chromium compounds	Brazos River	150					150
Acrylic acid	Brazos River	5					5
Cyclohexane	Brazos River	5					5
Isobutyraldehyde	Brazos River	5					5

City: Freeport, Texas

Facility: **Shintech Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		16,277	19,994	22,255	29,762	29,762	118,050
Methanol	Brazos River	16,247	19,964	22,225	29,732	29,732	117,900
Vinyl chloride	Brazos River	30	30	30	30	30	150

City: Freeport, Texas

Facility: **Rhone-poulenc Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		15,250	6,662	4,070	3,917	257	30,156
Chlorine	Dow Effluent Canal	6,100	6,200	3,650	3,650	27	19,627
Trichloroethylene	Dow Effluent Canal	8,000					8,000
Ammonia	Dow Effluent Canal	660	460	420	267	230	2,037
1,2-Dichloroethane	Dow Effluent Canal	490	2				492

City: Freeport, Texas

Facility: **Mineral Research & Development**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,020	2,944	1,742	4,204	3,874	15,784
Ammonia	Dow Effluent Canal	1,750		750	3,800	3,500	9,800
Zinc compounds	Old Brazos River Channel	750	2,174	618	71	14	3,627
Zinc compounds	Dow Effluent Canal	250	750	114	83	110	1,307
Ammonia	Old Brazos River Channel	250		250	250	250	1,000
Zinc (fume or dust)	Dow Effluent Canal	5	5				10
Zinc (fume or dust)	Old Brazos River Channel	5	5				10
Barium compounds	Dow Effluent Canal		5	5			10
Barium compounds	Old Brazos River Channel		5	5			10
Hydrochloric acid	Dow Effluent Canal	5					5

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Freeport, Texas

Facility: **Mineral Research & Development**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		3,020	2,944	1,742	4,204	3,874	15,784
Hydrochloric acid	Old Brazos River Channel	5					5

City: Freeport, Texas

Facility: **Hoffmann-la Roche**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					1,250	130	1,380
Ammonia	Dow Effluent Canal				250	128	378
Dichloromethane	Dow Effluent Canal				250	2	252
Methanol	Dow Effluent Canal				250		250
Acetone	Dow Effluent Canal				250		250
Toluene	Dow Effluent Canal				250		250

City: Freeport, Texas

Facility: **Alac**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		115	221	226	109	72	743
Chlorine	East Union Bayou	115	220	226	109	72	742
Chlorine	Intercoastal Waterway		1				1

City: Freeport, Texas

Facility: **Schenectady Intl. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	47	89	78	72	536
Phenol	Dow Effluent Canal	250	47	89	78	72	536

City: Galena Park, Texas

Facility: **Texmark Chemicals 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	5	515
Benzene	Panther Creek	250	250	5	5	5	515

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Galveston, Texas

Facility: **M-I Drilling Fluids Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	250	250			750
Barium compounds	Galveston Bay	250	250	250			750

City: Garland, Texas

Facility: **Cuplex Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					195	194	389
Hydrochloric acid	Lake Ray Hubbard				184	30	214
Sulfuric acid	Lake Ray Hubbard					96	96
Ammonia	Lake Ray Hubbard				10	28	38
Nitric acid	Lake Ray Hubbard					22	22
Formaldehyde	Lake Ray Hubbard					16	16
Copper compounds	Lake Ray Hubbard				1	2	3

City: Garland, Texas

Facility: **Gnb Techs. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						250	250
Lead	Upper Duck Creek Watershed					250	250

City: Garland, Texas

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		250					250
Lead compounds	Duck Creek	250					250

City: Gregory, Texas

Facility: **Du Pont**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		300	201	54	24	41	620
Chlorine	La Quinta Channel	299					299
Hydrochloric acid	La Quinta Channel		142				142
Tetrachloroethylene	La Quinta Channel	1	9	54	24	41	129
Freon 113	La Quinta Channel		25				25
Dichlorotetrafluoroethane	La Quinta Channel		25				25

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Gregory, Texas

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		46	40	27	14	11	138
1,2-Dichloroethane	La Quinta Channel	21	24	12	3	4	64
Chloroform	La Quinta Channel	4	16	12	5	4	41
Hydrochloric acid	La Quinta Channel	21					21
Chloroethane	La Quinta Channel			3	3		6
1,1,2-Trichloroethane	La Quinta Channel				3	3	6

City: Henderson, Texas

Facility: **Boral Bricks**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		260	255	10	10	5	540
Manganese compounds	Unnamed Tributary Cherokee		250	5	5		260
Manganese compounds	Cherokee Bayou	250					250
Barium compounds	Unnamed Tributary Cherokee		5	5	5	5	20
Chromium compounds	Cherokee Bayou	5					5
Barium compounds	Cherokee Bayou	5					5

City: Highlands, Texas

Facility: **Hi-port Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,200					3,200
Ethylene glycol	Spring Gully Burnet Bay Segment	3,200					3,200

City: Houston, Texas

Facility: **Gulf Reduction Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals					344	412,347	412,691
Zinc compounds	Buffalo Bayou				338	403,853	404,191
Lead compounds	Buffalo Bayou				6	8,182	8,188
Copper compounds	Buffalo Bayou					312	312

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Texas Petrochemicals Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		28,990	25,274	19,939	2,641	1,284	78,128
Methanol	Sims Bayou	22,868	20,822	19,795	1,204	238	64,927
Methyl tert-butyl ether	Sims Bayou	6,046	4,384	92	85	133	10,740
1,3-Butadiene	Sims Bayou				1,321	905	2,226
Benzene	Sims Bayou	12	55	52	31	7	157
tert-Butyl alcohol	Sims Bayou	30	13			1	44
Cupferron	Sims Bayou	34					34

City: Houston, Texas

Facility: **Mobil Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10,298	1,561	35,114	5,847	23	52,843
Methanol	Houston Ship Channel	6,500	800	34,000	5,756		47,056
Diethanolamine	Houston Ship Channel	2,700		436			3,136
Chlorine	Houston Ship Channel	440	600	530	4		1,574
Benzene	Houston Ship Channel	340	9	24	53	16	442
Chromium compounds	Houston Ship Channel	180	100				280
Toluene	Houston Ship Channel	75	18	9	14	7	123
Sulfuric acid	Houston Ship Channel		1	81	20		102
Zinc compounds	Houston Ship Channel	63	33				96
Naphthalene	Houston Ship Channel			24			24
Styrene	Houston Ship Channel			10			10

City: Houston, Texas

Facility: **Phibro Energy Usa Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		5,373	7,917	5,485	5,779	7,103	31,657
Ammonia	Houston Ship Channel	5,155	4,052	5,100	3,898	757	18,962
Phenol	Houston Ship Channel		2,816		78	2,186	5,080
Cresol (mixed isomers)	Houston Ship Channel		939	7	84	2,198	3,228
Methanol	Houston Ship Channel		5	139	696	1,456	2,296
Zinc compounds	Houston Ship Channel				613	300	913
Methyl tert-butyl ether	Houston Ship Channel	5	5	89	309	9	417
Chromium	Houston Ship Channel	173	65	65			303
Nickel compounds	Houston Ship Channel				28	32	60
Cyclohexane	Houston Ship Channel	5	5	14	14	13	51
1,2,4-Trimethylbenzene	Houston Ship Channel	5	5	7	7	16	40
Xylene (mixed isomers)	Houston Ship Channel	5	5	7	7	14	38
Ethylbenzene	Houston Ship Channel	5	5	7	7	13	37
Toluene	Houston Ship Channel	5	5	7	7	13	37
Naphthalene	Houston Ship Channel			7	14	14	35
tert-Butyl alcohol	Houston Ship Channel			14	5	15	34
Benzene	Houston Ship Channel	5	5	7	7	9	33
Antimony compounds	Houston Ship Channel					29	29
Cumene	Houston Ship Channel	5		7	5	9	26
Cobalt compounds	Houston Ship Channel					17	17
Lead compounds	Houston Ship Channel	5	5				10

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Phibro Energy Usa Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		5,373	7,917	5,485	5,779	7,103	31,657
Cyanide compounds	Houston Ship Channel			8			8
Chlorine	Houston Ship Channel					3	3

City: Houston, Texas

Facility: **CDC Coatings**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		12,120	15,876	52	251	255	28,554
Glycol ethers	Carpenter's Bayou	12,060	15,847				27,907
Zinc compounds	Carpenter's Bayou		24	47	250	250	571
Zinc (fume or dust)	Carpenter's Bayou	50					50
Lead	Carpenter's Bayou		5	5	1	5	16
Copper compounds	Carpenter's Bayou	5					5
Chromium	Carpenter's Bayou	5					5

City: Houston, Texas

Facility: **Isk Biosciences Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,934	4,816	3,060	4,323	6,087	21,220
Ammonia	Unknown	1,949	4,430	2,564	4,221	5,947	19,111
Arsenic compounds	Unknown	145	40	425	64	25	699
Xylene (mixed isomers)	Unknown	250	90	4	7	1	352
Ethylbenzene	Unknown	250	16	1	1		268
Biphenyl	Unknown	250					250
Methanol	Unknown	5	190	48			243
Carbon tetrachloride	Unknown	5	5	4	8	72	94
Hexachlorobenzene	Unknown	23	12	5	6	21	67
Chloroethalonil	Unknown	4	13	5	8	21	51
Hydrogen cyanide	Unknown	33					33
Chloromethane	Unknown	5	5	4	8		22
p-Xylene	Unknown	5	5				10
m-Xylene	Unknown	5	5				10
Hydrochloric acid	Unknown	5	5				10

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Gulf Reduction Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					29	20,859	20,888
Zinc compounds	Buffalo Bayou				29	20,798	20,827
Lead compounds	Buffalo Bayou					61	61

City: Houston, Texas

Facility: **Merichem Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					1,065	11,284	12,349
m-Cresol	Greens Bayou				390	4,000	4,390
Phenol	Greens Bayou				50	2,500	2,550
p-Cresol	Greens Bayou				260	2,000	2,260
o-Cresol	Greens Bayou				95	1,700	1,795
2,4-Dimethylphenol	Greens Bayou				80	700	780
Ammonia	Greens Bayou				190	384	574

City: Houston, Texas

Facility: **Goodyear Tire & Rubber Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		2,698	2,274	818	1,000	510	7,300
Formaldehyde	Sims Bayou	1,669	750	250			2,669
Chlorine	Sims Bayou	250	750	250	250	250	1,750
Styrene	Sims Bayou	250	250	20	250	250	1,020
Acrylonitrile	Sims Bayou	250	250	29	250	5	784
Ethylbenzene	Sims Bayou	5	250	250			505
Carbon disulfide	Sims Bayou	14	14	14	250	5	297
1,3-Butadiene	Sims Bayou	250					250
Ammonia	Sims Bayou	5	5	5			15
Sulfuric acid	Sims Bayou	5	5				10

City: Houston, Texas

Facility: **Johann Haltermann Ltd.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		55		1,250	1,750	2,270	5,325
Methanol	Carpenter's Bayou	5		250	250	250	755
tert-Butyl alcohol	Carpenter's Bayou	5		250	250	250	755
Isobutyraldehyde	Carpenter's Bayou	5		250	250	250	755
Methyl isobutyl ketone	Carpenter's Bayou	5		250	250	250	755
sec-Butyl alcohol	Carpenter's Bayou			250	250	250	750
n-Butyl alcohol	Carpenter's Bayou	5			250	250	505
Methyl ethyl ketone	Carpenter's Bayou	5			250		255
Acetonitrile	Carpenter's Bayou					250	250
Vinyl acetate	Carpenter's Bayou					250	250
Sulfuric acid	Carpenter's Bayou					250	250
Formaldehyde	Carpenter's Bayou					5	5

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 Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Johann Haltermann Ltd.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		55		1,250	1,750	2,270	5,325
Naphthalene	Carpenter's Bayou					5	5
1,2,4-Trimethylbenzene	Carpenter's Bayou					5	5
Cyclohexane	Carpenter's Bayou					5	5
Acetone	Carpenter's Bayou	5					5
Cumene	Carpenter's Bayou	5					5
Ethylbenzene	Carpenter's Bayou	5					5
Ethylene glycol	Carpenter's Bayou	5					5
Styrene	Carpenter's Bayou	5					5

City: Houston, Texas

Facility: **Hempel Coatings USA Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				2,082		1,946	4,028
Xylene (mixed isomers)	Galveston Bay			1,479		1,320	2,799
Ethylbenzene	Galveston Bay			280		2	282
Methyl ethyl ketone	Galveston Bay			145		105	250
Copper compounds	Galveston Bay					250	250
Methyl isobutyl ketone	Galveston Bay			106		33	139
n-Butyl alcohol	Galveston Bay					135	135
Cumene	Galveston Bay			23		71	94
1,2,4-Trimethylbenzene	Galveston Bay			38			38
Toluene	Galveston Bay					10	10
Zinc (fume or dust)	Galveston Bay			1		5	6
Chromium compounds	Galveston Bay			1		5	6
Lead	Galveston Bay			5			5
Lead compounds	Galveston Bay					5	5
Zinc compounds	Galveston Bay					5	5
Butyl benzyl phthalate	Galveston Bay			2			2
Aluminum (fume or dust)	Galveston Bay			1			1
Barium compounds	Galveston Bay			1			1

City: Houston, Texas

Facility: **Cbi Na-con Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			750	750	1,005	1,000	3,505
Manganese	White Oak Bayou		250	250	250	250	1,000
Nickel	White Oak Bayou		250	250	250	250	1,000
Chromium	White Oak Bayou		250	250	250	250	1,000
Copper	White Oak Bayou				250	250	500
Phosphorus (yellow or white)	White Oak Bayou				5		5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Newpark Shipbuilding & Repair**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		285	775	775	500	1,000	3,335
1,2-Dichloroethane	Houston Ship Channel	250	250	250	250	250	1,250
Styrene	Houston Ship Channel	5	5	250		250	510
Acrylonitrile	Houston Ship Channel	5		5	250		260
Ethylene glycol	Houston Ship Channel	5	250				255
Xylene (mixed isomers)	Houston Ship Channel	5				250	255
Methanol	Houston Ship Channel					250	250
Dichloromethane	Houston Ship Channel			250			250
Tetrachloroethylene	Houston Ship Channel		250				250
n-Butyl alcohol	Houston Ship Channel	5	5	5			15
Diethanolamine	Houston Ship Channel	5	5	5			15
Isopropyl alcohol	Houston Ship Channel		5	5			10
Acetone	Houston Ship Channel	5	5				10
Trichloroethylene	Houston Ship Channel			5			5

City: Houston, Texas

Facility: **Griffin Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		275	250	250	500	500	1,775
Copper compounds	Sims Bayou	250	250	250	250	250	1,250
Zinc compounds	Sims Bayou	5			250	250	505
Copper	Sims Bayou, Thence To The	5					5
Copper	San Jacinto River/Bay	5					5
Phosphoric acid	Sims Bayou	5					5
Sulfuric acid	Sims Bayou	5					5

City: Houston, Texas

Facility: **Lead Prods. Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		750	255	250	250	250	1,755
Lead	Buffalo Bayou		250	250	250	250	1,000
Lead compounds	Buffalo Bayou	750	5				755

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Georgia-pacific Resins Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,500	25				1,525
Formaldehyde	Greens Bayou	1,500	25				1,525

City: Houston, Texas

Facility: **Oxid Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		500	250	250	250	250	1,500
Ethylene glycol	Houston Ship Channel	250		250	250	250	1,000
Glycol ethers	Houston Ship Channel	250	250				500

City: Houston, Texas

Facility: **Metalplate Galvanizing Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						1,326	1,326
Zinc compounds	Hunting Bayou					1,326	1,326

City: Houston, Texas

Facility: **Wyman-gordon Forgings Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals				510	265	510	1,285
Manganese	Horsepen Creek				5	250	255
Nickel	Horsepen Creek				250	5	255
Copper	Horsepen Creek				5	250	255
Nickel	Horse Pen Creek			250			250
Copper	Horse Pen Creek			250			250
Chromium	Horsepen Creek				5	5	10
Manganese	Horse Pen Creek			5			5
Chromium	Horse Pen Creek			5			5

City: Houston, Texas

Facility: **Cooper Ind. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		515	515				1,030
Cobalt	Horse Pen Creek	250	250				500
Nickel	Horse Pen Creek	250	5				255
Copper	Horse Pen Creek	5	250				255
Manganese	Horse Pen Creek	5	5				10
Chromium	Horse Pen Creek	5	5				10

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Aztec Mfg. Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			250	250	261	261	1,022
Zinc compounds	Greens Bayou		250	250	261	261	1,022

City: Houston, Texas

Facility: **Plexmar Resins Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	20	20	20	20	830
Styrene	Houston Ship Channel	250	5	5	5	5	270
Ethylene glycol	Houston Ship Channel	250	5	5	5	5	270
Maleic anhydride	Houston Ship Channel	250	5	5	5	5	270
Phthalic anhydride	Houston Ship Channel		5	5	5	5	20

City: Houston, Texas

Facility: **Pilot Ind. Of Tx Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		183	505	5	5	10	708
Benzene	White Oak Bayou	176	250	5	5	5	441
Toluene	White Oak Bayou	7	250			5	262
o-Xylene	White Oak Bayou		5				5

City: Houston, Texas

Facility: **Oakite Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			519				519
Phosphoric acid	Unknown		499				499
Dichloromethane	Unknown		10				10
Sulfuric acid	Unknown		10				10

City: Houston, Texas

Facility: **Westhollow Tech. Center**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					250	250	500
Cyclohexane	Unknown				250	250	500

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Reed Tool Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					250	14	264
Copper	Buffalo Bayou				250	14	264

City: Houston, Texas

Facility: **Brown & Root Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					5	250	255
Barium	Greens Bayou					250	250
Manganese	Greens Bayou				5		5

City: Houston, Texas

Facility: **Exxon Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		35	29	85	81	2	232
Xylene (mixed isomers)	Houston Ship Channel			42	41		83
Zinc compounds	Houston Ship Channel			20	30		50
Zinc compounds	Segment 1007 San Jacinto River	30					30
Zinc compounds	Segment 1007 San Jacinto River		22				22
Ethylbenzene	Houston Ship Channel			9	9		18
Toluene	Houston Ship Channel			12			12
Maleic anhydride	Segment 1007 San Jacinto River		3				3
Methanol	Houston Ship Channel				1	1	2
Toluene	Segment 1007 San Jacinto River		2				2
Copper compounds	Segment 1007 San Francisco			2			2
Mixtures and other trade	Segment 1007 San Jacinto River	2					2
Methanol	Segment 1007 San Jacinto River		1				1
Ethylbenzene	Segment 1007 San Jacinto River		1				1
Maleic anhydride	Houston Ship Channel					1	1
Copper compounds	Segment 1007 San Jacinto River	1					1
Methanol	Segment 1007 San Jacinto River	1					1
Xylene (mixed isomers)	Segment 1007 San Jacinto River	1					1

City: Houston, Texas

Facility: **Camco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		42	42	42	42	42	210
Chromium	Houston Ship Channel	42	42	42	42	42	210

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Houston, Texas

Facility: **Evans Cooperage Of Houston**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		135					135
Mixtures and other trade	San Jacinto River/Bay	5					15
Methanol	Unknown	5					10
Mixtures and other trade	Unknown	5					10
Xylene (mixed isomers)	San Jacinto River/Bay	5					5
Formaldehyde	San Jacinto River/Bay	5					5
Toluene	San Jacinto River/Bay	5					5
Lead compounds	San Jacinto River/Bay	5					5
Copper compounds	San Jacinto River/Bay	5					5
n-Butyl alcohol	San Jacinto River/Bay	5					5
Freon 113	San Jacinto River/Bay	5					5
Diethanolamine	San Jacinto River/Bay	5					5
Acetone	San Jacinto River/Bay	5					5
Glycol ethers	San Jacinto River/Bay	5					5
Methyl acrylate	San Jacinto River/Bay	5					5
Hydrochloric acid	San Jacinto River/Bay	5					5
Sulfuric acid	San Jacinto River/Bay	5					5
Toluenediisocyanate (mixed)	San Jacinto River/Bay	5					5
Ethyl acrylate	San Jacinto River/Bay	5					5
Methyl ethyl ketone	San Jacinto River/Bay	5					5
Methyl isobutyl ketone	San Jacinto River/Bay	5					5
Ethylene glycol	San Jacinto River/Bay	5					5
2-Ethoxyethanol	San Jacinto River/Bay	5					5
Methanol	San Jacinto River/Bay	5					5

City: Hungerford, Texas

Facility: **M-i Drilling Fluids L.I.c.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,265	760	1,010	760	755	4,550
Methanol	San Bernard River	250	250	250	250	250	1,250
Diethanolamine	San Bernard River	250	250	250	250	250	1,250
n-Butyl alcohol	San Bernard River	250	250	250	250		1,000
Glycol ethers	San Bernard River	5	5	5	5	250	270
Ethylene glycol	San Bernard River			250			250
Phenol	San Bernard River	250					250
Acrylamide	San Bernard River	250					250
Formaldehyde	San Bernard River	5	5	5	5	5	25
Manganese compounds	San Bernard River	5					5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Irving, Texas

Facility: **Hitachi Semiconductor**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
Glycol ethers	Hackberry Creek	250					250

City: Jasper, Texas

Facility: **Texas Electric Co-op. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	5	5	5	5	270
Creosote	Big Walnut Run Creek	250	5	5	5	5	270

City: Kilgore, Texas

Facility: **Petrolite**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,000	6,000	8,000	8,000	8,000	36,000
Methyl isobutyl ketone	Rabbit Creek	6,000	6,000	8,000	8,000	8,000	36,000

City: La Porte, Texas

Facility: **Quantum Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		29,105	12,047	16,366	3,531	10,178	71,227
Ammonia	San Jacinto River/Bay	600	1,917	6,778	1,445	7,495	21,419
Methanol	San Jacinto River/Bay	5					17,267
Zinc compounds	San Jacinto River/Bay	3,996	2,706	2,337	860	1,187	11,086
Vinyl acetate	San Jacinto River/Bay	250	6,169	2,540			8,959
Cyanide compounds	San Jacinto River/Bay			3,652	722	1,017	5,391
Copper compounds	San Jacinto River/Bay	1,236	838	356	212	248	2,890
Nickel compounds	San Jacinto River/Bay	424	271	345	277	231	1,548
Acetone	San Jacinto River/Bay	660					665
Silver compounds	San Jacinto River/Bay	490	33				523
Chlorine	San Jacinto River/Bay	250					500
Chromium compounds	San Jacinto River/Bay			288			288
Sulfuric acid	San Jacinto River/Bay	250					250
Ethylene glycol	San Jacinto River/Bay	5					198
Dichloromethane	San Jacinto River/Bay	25	25	70	15		135
Toluene	San Jacinto River/Bay		31				31
Benzene	San Jacinto River/Bay		27				27
Naphthalene	San Jacinto River/Bay		21				21
Cyclohexane	San Jacinto River/Bay		9				9
n-Butyl alcohol	San Jacinto River/Bay	5					5
Acrolein	San Jacinto River/Bay	5					5
Hydroquinone	San Jacinto River/Bay	5					5
Phosphoric acid	San Jacinto River/Bay	5					5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: La Porte, Texas

Facility: **Geon Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,350	3,045	2,405	2,009	1,990	11,799
Ammonia	Houston Ship Channel	2,300	1,500	1,600	1,471	1,907	8,778
Copper	Houston Ship Channel		710	700	464		1,874
1,2-Dichloroethane	Houston Ship Channel	30	660	40	40	8	778
Chloroform	Houston Ship Channel	20	110	25	9		164
Vinyl chloride	Houston Ship Channel		65	15		1	81
Chromium compounds	Houston Ship Channel					74	74
Carbon tetrachloride	Houston Ship Channel			25	25		50

City: La Porte, Texas

Facility: **Dow Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		3,115	3,180	745	138	145	7,323
Ammonia	San Jacinto River/Bay	2,100	2,200	740	120	120	5,280
4,4'-Methylenedianiline	San Jacinto River/Bay	850	850				1,700
Methanol	San Jacinto River/Bay	100	100				200
Aniline	San Jacinto River/Bay	60	20		7	5	92
Chlorobenzene	San Jacinto River/Bay		1	2	11	18	32
Dichloromethane	San Jacinto River/Bay	5	9	3		2	19

City: La Porte, Texas

Facility: **Fina Oil & Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		512	868				1,380
Ethylbenzene	Houston Ship Channel	256	434				690
Styrene	Houston Ship Channel	256	434				690

City: La Porte, Texas

Facility: **Du Pont**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			1,349				1,349
Methanol	San Jacinto River/Bay		730				730
Copper compounds	San Jacinto River/Bay		619				619

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: La Porte, Texas

Facility: **Aristech Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	160		140	110	660
Chlorine	San Jacinto River/Bay		160		140	110	410
Sulfuric acid	San Jacinto River/Bay	250					250

City: La Porte, Texas

Facility: **Occidental Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		240					240
Chlorine	Phillips Drainage Ditch	220					220
Asbestos (friable)	Phillips Drainage Ditch	5					5
Hydrochloric acid	Phillips Drainage Ditch	5					5
Sulfuric acid	Phillips Drainage Ditch	5					5
Vinyl chloride	Phillips Drainage Ditch	5					5

City: Laredo, Texas

Facility: **Anzon Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250	20	265	265	5	805
Zinc compounds	Manadas Creek		5	250	250	5	510
Antimony	Unnamed Tributary Of Manadas	250					250
Lead	Manadas Creek		5	5	5		15
Antimony	Manadas Creek		5	5	5		15
Arsenic	Manadas Creek		5	5	5		15

City: Latexo, Texas

Facility: **P Chem 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
Ammonia	Trinity River	250	250	250	250	250	1,250

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Lone Star, Texas

Facility: **Lone Star Steel Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		13,560	12,240	7,650	8,940	11,490	53,880
Manganese compounds	Big Cypress Creek	2,600	3,700	1,100	1,800	2,700	11,900
Manganese compounds	Ellison Creek Reservoir	2,800	1,000	1,800	1,900	3,700	11,200
Zinc compounds	Ellison Creek Reservoir	2,800	2,300	2,000	2,200	1,800	11,100
Zinc compounds	Big Cypress Creek	2,600	2,800	1,500	1,600	1,400	9,900
Lead compounds	Ellison Creek Reservoir	1,200	840	600	690	630	3,960
Lead compounds	Big Cypress Creek	1,100	1,100	400	530	550	3,680
Chromium compounds	Ellison Creek Reservoir	240	180	150	110	440	1,120
Chromium compounds	Big Cypress Creek	220	320	100	110	270	1,020

City: Longview, Texas

Facility: **Eastman Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		70,754	49,085	19,011	10,000	7,300	156,150
Ammonia	Sabine River	70,000	48,000	18,000	9,200	5,600	150,800
Zinc compounds	Sabine River	69	860	990	690	1,600	4,209
Ethylene glycol	Sabine River	600					600
Chloroform	Sabine River	22	25	21	110	100	278
Chromium compounds	Sabine River	63	200				263

City: Longview, Texas

Facility: **Stroh Brewery Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		1,500	1,800	2,900	2,100	9,400	17,700
Ammonia	Sabine River	1,500	1,800	2,900	2,100	9,400	17,700

City: Longview, Texas

Facility: **Longview Refining Assoc. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		2,500	2,500	305			5,305
Toluene	Sabine River	250	250	250			750
Benzene	Sabine River	250	250	35			535
o-Xylene	Sabine River	250	250	5			505
Ethylbenzene	Sabine River	250	250	5			505
p-Xylene	Sabine River	250	250	5			505
m-Xylene	Sabine River	250	250	5			505
Naphthalene	Sabine River	250	250				500
1,2,4-Trimethylbenzene	Sabine River	250	250				500
Cumene	Sabine River	250	250				500
Cyclohexane	Sabine River	250	250				500

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Longview, Texas

Facility: **Letourneau Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		755	505	500	750	2,000	4,510
Nickel	Sabine River	250	250	250	250	250	1,250
Copper	Sabine River	250	250	250	250	250	1,250
Manganese	Sabine River					750	750
Molybdenum trioxide	Sabine River					250	250
Barium	Sabine River					250	250
Chromium	Sabine River				250		250
Zinc compounds	Sabine River					250	250
Lead	Sabine River	250					250
Chromium compounds	Sabine River	5	5				10

City: Longview, Texas

Facility: **Southwest Steel Casting Co.**

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

City: Lufkin, Texas

Facility: **Champion Intl. Lufkin**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		8,690	28,960	26,520	27,362	16,430	107,962
Methanol	Paper Mill Creek		11,000	10,000	10,500	10,000	41,500
Acetone	Paper Mill Creek		11,000	10,000	10,500		31,500
Chloroform	Paper Mill Creek		5,700	5,300	5,350	5,100	21,450
Chloroform	Angelina River	4,500					4,500
Acetone	Angelina River	2,900					2,900
Ammonia	Paper Mill Creek		510	470	970	790	2,740
Catechol	Paper Mill Creek		750	750	42	40	1,582
Catechol	Angelina River	750					750
Ammonia	Angelina River	540					540
Acetaldehyde	Paper Mill Creek					500	500

City: Mansfield, Texas

Facility: **Dura-tech Processes Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				50,250	33,000		83,250
Sulfuric acid	Trinity River			50,000	33,000		83,000
Ammonia	Trinity River			250			250

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Manvel, Texas

Facility: **Keeshan & Bost Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		20	10	10	255	255	550
n-Butyl alcohol	Chocolate Bayou		5	5	250	250	510
Methanol	Chocolate Bayou		5	5	5	5	20
n-Butyl alcohol	Mustang Bayou	5					5
Sulfuric acid	Mustang Bayou	5					5
Methanol	Mustang Bayou	5					5
Acrylic acid	Mustang Bayou	5					5

City: Marshall, Texas

Facility: **Norit Americas Inc.**

		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	East Potters Creek					900	900

City: Marshall, Texas

Facility: **Monarch Tile Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					163	19	182
Zinc compounds	Potters Creek				163	19	182

City: Monticello, Texas

Facility: **Pilgrim's Pride Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		57,968	3,505	260		4,711	66,444
Ammonia	Tankersley Creek	49,670	3,255	5		4,456	57,386
Chlorine	Tankersley Creek	8,298	250	250		250	9,048
Sulfuric acid	Tankersley Creek			5		5	10

City: Mount Pleasant, Texas

Facility:

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					9,725		9,725
Ammonia	Tankersley Creek				9,470		9,470
Chlorine	Tankersley Creek				250		250
Sulfuric acid	Tankersley Creek				5		5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Muenster, Texas

Facility: **Associated Milk Producers Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			6,180				6,180
Ammonia	Brushy Elm Creek		6,180				6,180

City: Nacogdoches, Texas

Facility: **Nibco Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		12	500	750	1,950	10	3,222
Copper compounds	Banita Creek				1,700	5	1,705
Lead	Banita Creek	12		250			262
Lead compounds	Banita Creek				250	5	255
Lead	Bonita Creek		250				250
Copper	Bonita Creek		250				250
Copper	Banita Creek			250			250
Zinc (fume or dust)	Banita Creek			250			250

City: Navasota, Texas

Facility: **Interstate Forging Ind.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			18,000	19,500			37,500
Sulfuric acid	Sandy Creek		18,000	19,500			37,500

City: New Braunfels, Texas

Facility: **Mission Valley Textiles Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			4,166		1,750	750	6,666
Glycol ethers	Guadalupe River		2,083		250		2,333
Ethylene glycol	Guadalupe River		2,083				2,083
Chlorine	Guadalupe River				750	750	1,500
Copper compounds	Guadalupe River				750		750

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Old Ocean, Texas

Facility: **Phillips 66 Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		26,138	29,723	7,451	4,955	5,443	73,710
Diethanolamine	Linniville Bayou	24,000	27,392	5,322	2,551	1,935	61,200
Benzene	Linniville Bayou	1,100	1,282	1,171	1,122	1,419	6,094
Zinc compounds	Linniville Bayou	450	501	458	804	1,483	3,696
Toluene	Linniville Bayou	84	303	277	265	335	1,264
Xylene (mixed isomers)	Linniville Bayou	140	152	138	132	168	730
Nickel compounds	Linniville Bayou	84	93	85	81	103	446
Chromium compounds	Linniville Bayou	280					280

City: Orange, Texas

Facility: **Du Pont**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		34,320	27,518	41,503	22,573	30,245	156,159
Ammonia	Sabine River	34,320	27,518	40,364	18,360	29,238	149,800
Copper compounds	Sabine River			267	3,256	204	3,727
Zinc compounds	Sabine River			400	464	356	1,220
Nickel compounds	Sabine River			389	318	293	1,000
Chromium compounds	Sabine River			83	39	134	326
Cyanide compounds	Sabine River				66	20	86

City: Orange, Texas

Facility: **Inland Container Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		9,650	11,010	9,860	11,565	25,205	67,290
Zinc compounds	Sabine River	8,900	10,000	8,100	9,400		36,400
Ammonia	Sabine River			750		21,000	21,750
Methanol	Sabine River	250	750	750	250	3,200	5,200
Acetone	Sabine River	250	5	250	1,900		2,405
Catechol	Sabine River	250	250	5	5	250	760
Acetaldehyde	Sabine River					750	750
Phenol	Sabine River			5	5	5	15
Methyl ethyl ketone	Sabine River		5		5		10

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Orange, Texas

Facility: **Equitable Bag Co. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			2,130				2,130
Styrene	Settling Pond		1,880				1,880
Copper compounds	Unknown		250				250

City: Orange, Texas

Facility: **Bayer Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		48	381	249	944	211	1,833
1,3-Butadiene	Cow Bayou				860	13	873
Cyclohexane	Cow Bayou	20	310	120	17	12	479
Toluene	Cow Bayou	6	63	125	5	10	209
Methanol	Cow Bayou				46	145	191
Chlorobenzene	Cow Bayou	14	8	4	16	31	73
Benzene	Cow Bayou	8					8

City: Orange, Texas

Facility: **Chevron Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		120		1,200	360		1,680
Methanol	Cow Bayou			1,200	360		1,560
Vinyl acetate	Cow Bayou	120					120

City: Pampa, Texas

Facility: **Cabot Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		10	255	255	255	255	1,030
Hydrochloric acid	Unknown		250	250	250	250	1,000
Nitric acid	Unknown	5	5	5	5	5	25
Sulfuric acid	Unknown	5					5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Pasadena, Texas

Facility: **Mobil Mining & Minerals Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		75,200	106,000	13,970,000	140,000	1,124,000	15,415,200
Phosphoric acid	Houston Ship Channel	1,200	27,000	12,000,000		1,100,000	13,128,200
Sulfuric acid	Houston Ship Channel			1,200,000			1,200,000
Ammonia	Houston Ship Channel	74,000	79,000	770,000	140,000	24,000	1,087,000

City: Pasadena, Texas

Facility: **Occidental Chemical Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		32,668	27,441	28,446	23,440	29,871	141,866
Methanol	Houston Ship Channel	28,000	23,000	24,000	21,000	25,000	121,000
Ammonia	Houston Ship Channel	4,400	4,400	4,400	2,400	4,800	20,400
4,4'-Isopropylidenediphenol	Houston Ship Channel	250	31	38	36	36	391
Vinyl chloride	Houston Ship Channel	18	5	3	4	4	34
Ethylene glycol	Houston Ship Channel					31	31
Sulfuric acid	Houston Ship Channel		5	5			10

City: Pasadena, Texas

Facility: **Ethyl Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		13,750	17,250	17,463	11,045	10	59,518
Ammonia	Houston Ship Channel	13,000	17,000	16,713	10,519		57,232
Lead compounds	Houston Ship Channel	250	250	250	250	5	1,005
1,2-Dichloroethane	Houston Ship Channel	250		250	250	5	755
Dichloromethane	Houston Ship Channel	250		250	26		526

City: Pasadena, Texas

Facility: **Crown Central Petroleum Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			3,980	1,315	3,945	11,550	20,790
Toluene	Houston Ship Channel		1,300	1,315	1,315	4,100	8,030
Phenol	Houston Ship Channel		1,600		1,552	1,600	4,752
Xylene (mixed isomers)	Houston Ship Channel					4,500	4,500
Benzene	Houston Ship Channel		690		688	750	2,128
Ethylbenzene	Houston Ship Channel		390		390	600	1,380

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Pasadena, Texas

Facility: **Georgia Gulf Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,565	49	47	194	5,070	6,925
Cumene	Houston Ship Channel					5,020	5,020
Benzene	Houston Ship Channel	1,552	17	5	5	4	1,583
Acetone	Houston Ship Channel	11	15	28	142		196
Phenol	Houston Ship Channel	1	17	14	47	46	125
Cumene hydroperoxide	Houston Ship Channel	1					1

City: Pasadena, Texas

Facility: **Phillips Petroleum Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,127	1,070	820	680	550	4,247
Zinc compounds	Houston Ship Channel	1,000	930	680	550	420	3,580
Chromium compounds	Houston Ship Channel	100	140	140	130	130	640
Toluene	Houston Ship Channel	27					27

City: Pasadena, Texas

Facility: **Haldor Topsoe Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals			342	167	320	342	1,171
Molybdenum trioxide	Unknown		250	63	250	250	813
Ammonia	Unknown		82	94	60	82	318
Nickel compounds	Unknown		5	5	5	5	20
Cobalt compounds	Unknown			5	5	5	15
Cobalt compounds	Unnamed Harris County Flood		5				5

City: Pasadena, Texas

Facility: **Minh Food Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						324	324
Ethylene glycol	Buffalo Bayou					324	324

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Pasadena, Texas

Facility: **Lubrizol Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		250					250
n-Butyl alcohol	Unknown	250					250

City: Pasadena, Texas

Facility: **Petrolite Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						202	202
Zinc compounds	Unknown					86	86
Ammonia	Unknown					72	72
Formaldehyde	Unknown					44	44

City: Point Comfort, Texas

Facility: **Formosa Plastics Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		6,830	9,122	21,100	6,470	6,184	49,706
Ammonia	Huisach Cox Creek			19,574	3,066		22,640
Ammonia	Lavaca Bay				2,427	4,745	7,172
Methanol	Huisach Cox Creek		6,988				6,988
1,2-Dichloroethane	Huisach Cox Creek	800	1,520	1,071	179		3,570
Chlorine	Lavaca Bay					1,289	1,289
Chloroform	Huisach Cox Creek	750	138	48	40		976
Chloroprene	Huisach Cox Creek	750	122	42	40		954
Copper compounds	Huisach Cox Creek	530	333				863
Chlorobenzene	Huisach Cox Creek	750	6				756
Carbon tetrachloride	Huisach Cox Creek	750	1	1	1		753
1,1,1-Trichloroethane	Huisach Cox Creek	750					750
Trichloroethylene	Huisach Cox Creek	750					750
Naphthalene	Huisach Cox Creek	750					750
Copper	Huisach Cox Creek			337	267		604
Copper	Lavaca Bay				353		353
Vinyl chloride	Huisach Cox Creek	250	1	21	17		289
Chloroform	Lavaca Bay				27	110	137
1,2-Dichloroethane	Lavaca Bay				52	14	66
Ethylene glycol	Lavaca Bay					25	25
1,1,2,2-Tetrachloroethane	Huisach Cox Creek		11				11
1,1,2-Trichloroethane	Huisach Cox Creek		1	4	1		6
Tetrachloroethylene	Huisach Cox Creek		1	2			3
1,2-Dichloroethane	Fox Creek					1	1

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Port Arthur, Texas

Facility: **Star Enterprise**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		164,124	152,641	342,391	121,739	4,411	785,306
Ammonia	Taylor Bayou	116,166	111,815	305,300	114,246	1,715	649,242
Barium compounds	Taylor Bayou		19,929	17,049			36,978
Barium	Taylor Bayou	22,773					22,773
Phenol	Taylor Bayou	413	2,730	4,755	4,303	1,535	13,736
Zinc compounds	Taylor Bayou		7,176	6,157			13,333
Zinc (fume or dust)	Taylor Bayou	11,066					11,066
Methyl tert-butyl ether	Taylor Bayou	407	2,026	1,720			4,153
Antimony compounds	Taylor Bayou		2,230	1,909			4,139
Chromium compounds	Taylor Bayou		1,070		1,595	1,161	3,826
Nickel compounds	Taylor Bayou		1,833	1,571			3,404
Antimony	Taylor Bayou	3,232					3,232
Chromium	Taylor Bayou	1,026			1,595		2,621
Lead	Taylor Bayou	1,875					1,875
Methyl ethyl ketone	Taylor Bayou	289	551	1,016			1,856
Cyclohexane	Taylor Bayou	1,423					1,423
Lead compounds	Taylor Bayou		748	649			1,397
Nickel	Taylor Bayou	1,296					1,296
Naphthalene	Taylor Bayou	490	378	325			1,193
Nitrobenzene	Taylor Bayou	413	376	322			1,111
Copper compounds	Taylor Bayou		583	500			1,083
Xylene (mixed isomers)	Taylor Bayou	483	269	314			1,066
Toluene	Taylor Bayou	473	187	164			824
Copper	Taylor Bayou	729					729
Benzene	Taylor Bayou	311	187	164			662
Ethylbenzene	Taylor Bayou	209	187	164			560
1,1,2-Trichloroethane	Taylor Bayou	209	183	156			548
Styrene	Taylor Bayou	204	183	156			543
1,3-Butadiene	Taylor Bayou	289					289
Cumene	Taylor Bayou	204					204
Carbon disulfide	Taylor Bayou	144					144

City: Port Arthur, Texas

Facility: **Chevron USA Prods. Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		89,420	40,540	38,648	34,973	9,970	213,551
Ammonia	Neches River	73,000	21,000	22,000	18,000	6,200	140,200
Manganese compounds	Neches River		6,600	4,800	4,500		15,900
Zinc compounds	Neches River	640	4,100	3,000	2,900	3,000	13,640
Chlorine	Neches River	3,200	3,100	2,500	2,300		11,100
Acetone	Neches River	1,800	2,000	1,500	1,400		6,700
Manganese	Neches River	6,200					6,200
Methanol	Neches River			1,800	1,700		3,500
Copper compounds	Neches River	1,200	830		540	270	2,840
Cobalt compounds	Neches River	950	1,000		700		2,650
Nickel compounds	Neches River	950	470	350	330	340	2,440
Methyl ethyl ketone	Neches River			1,200	1,200		2,400
Phenol	Neches River	470	510	290	390		1,660
Lead compounds	Neches River	510	420	190	250	160	1,530

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Port Arthur, Texas

Facility: **Chevron USA Prods. Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		89,420	40,540	38,648	34,973	9,970	213,551
Benzene	Neches River	180	170	120	120		590
Ethylbenzene	Neches River	160	170	120	120		570
Toluene	Neches River	160	170	120	120		570
Styrene	Neches River			180	170		350
Butyl benzyl phthalate	Neches River			250			250
1,1,1-Trichloroethane	Neches River			120	120		240
Naphthalene	Neches River			100	95		195
Xylene (mixed isomers)	Neches River			6	6		12
Cumene	Neches River				10		10
1,3-Butadiene	Neches River			2	2		4

City: Port Arthur, Texas

Facility: **Fina Oil & Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			32,060	3,905	22,970	151	59,086
Ammonia	Neches River		32,000	3,828	21,450		57,278
Benzene	Neches River		30	18	1,520	4	1,572
Phenol	Neches River					118	118
Xylene (mixed isomers)	Neches River		30	29		1	60
Toluene	Neches River			30		4	34
Lead	Neches River					23	23
Phenol	Sabine Neches Canal					1	1

City: Port Arthur, Texas

Facility: **Star Ent. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			2,177				2,177
Toluene	Sabine Neches Canal		1,602				1,602
Ethylbenzene	Sabine Neches Canal		445				445
Xylene (mixed isomers)	Sabine Neches Canal		125				125
Benzene	Sabine Neches Canal		5				5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Port Arthur, Texas

Facility: **Quantum Chemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	1,000				1,750
Methanol	Taylor Bayou	750	1,000				1,750

City: Port Lavaca, Texas

Facility: **Bp Chemicals Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		1,210	840	21,590	870	850	25,360
Ammonia	Victoria Barge Canal	350	180	21,000	290	240	22,060
Chlorine	Victoria Barge Canal	860	660		580	610	2,710
Chlorine	Unknown			590			590

City: Port Neches, Texas

Facility: **Huntsman Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		134,884	22,126	25,801	31,991	39,415	254,217
1,3-Butadiene	Neches River	110,000					110,000
Diethanolamine	Neches River	6,900	10,000	16,000	22,000	22,000	76,900
Propylene oxide	Neches River	4,000	4,700	4,200	4,600	12,000	29,500
Ammonia	Neches River	5,300	4,500	3,000	2,900	3,700	19,400
Ethylene oxide	Neches River	2,600	1,800	1,500	1,900	1,600	9,400
Phenol	Neches River	1,700	1,100	1,100	580	94	4,574
Methyl tert-butyl ether	Neches River	4,300					4,300
Benzene	Neches River	84	26	1	11	18	140
Glycol ethers	Neches River					3	3

City: Port Neches, Texas

Facility: **Ameripol Synpol Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		41,026	27,719	26,500	33,500	31,200	159,945
Styrene	Neches River	27,000	16,195	14,000	20,500	20,700	98,395
Ammonia	Neches River	14,000	11,504	12,500	13,000	10,500	61,504
Dimethyl phthalate	Neches River	26	20				46

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Port Neches, Texas

Facility: **Calabrian Chemicals Corp.**

		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	5	515
Copper	Texaco Chemical Co. Outfall	250	250	5	5	5	515

City: Rose City, Texas

Facility: **North Star Steel Texas**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		750	750	750	505	166	2,921
Zinc compounds	Neches River	250	250	250	250	130	1,130
Lead compounds	Neches River	250	250	250	250	25	1,025
Chromium compounds	Neches River	250	250	250	5	11	766

City: Rosenberg, Texas

Facility: **Quanex 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	260	1,000	1,550
Manganese	Drainage Ditch S. Of Muegge		5	250	5	250	510
Chromium	Drainage Ditch S. Of Muegge		5	5	250	250	510
Nickel	Drainage Ditch S. Of Muegge		5	5	5	250	265
Zinc compounds	Drainage Ditch S. Of Muegge					250	250
Nickel	County Ditch South Of Muegge	5					5
Chromium	County Ditch South Of Muegge	5					5
Manganese	County Ditch South Of Muegge	5					5

City: Scottsville, Texas

Facility: **Bicc Utility Cable Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		265				25	290
Decabromodiphenyl oxide	Sabine River	250					250
Acetophenone	Sabine River					25	25
Methyl ethyl ketone	Sabine River	5					5
1,1,1-Trichloroethane	Sabine River	5					5
Dichloromethane	Sabine River	5					5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Seadrift, Texas

Facility: **Union Carbide Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		41,004	48,551	41,908	35,925	14,804	182,192
Ammonia	Victoria Barge Canal	40,971	40,971	35,597	35,597	13,928	167,064
1,4-Dioxane	Victoria Barge Canal		7,546	6,277	328	876	15,027
Zinc compounds	Victoria Barge Canal	33	33	33			99
Benzene	Victoria Barge Canal		1	1			2

City: Seguin, Texas

Facility: **Structural Metals Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		11,010	277	1,005	270	5	12,567
Ethylene glycol	Guadalupe River	11,000					11,000
Manganese compounds	Guadalupe River		5	250	250	5	510
Zinc compounds	Guadalupe River	5	12	250	5		272
Lead compounds	Guadalupe River		5	250	5		260
Copper compounds	Guadalupe River	5	250				255
Nickel compounds	Guadalupe River		5	250			255
Chromium compounds	Guadalupe River			5	5		10
Cadmium compounds	Guadalupe River				5		5

City: Sheldon, Texas

Facility: **Champion Intl. Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		34,910	5,612	5,181	4,745	14,094	64,542
Ammonia	Houston Ship Channel	30,300	879	877	880	896	33,832
Chloroform	Houston Ship Channel	3,000	3,123	2,960	3,120	1,191	13,394
Methanol	Houston Ship Channel					11,491	11,491
Acetone	Houston Ship Channel	820	827	700	710		3,057
Catechol	Houston Ship Channel	790	783	644	35	35	2,287
Acetaldehyde	Houston Ship Channel					481	481

City: Stafford, Texas

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		765	3,850	2,500	23,900	14,000	45,015
Hydrogen fluoride	Unnamed Drainage Ditch	250			9,900	14,000	24,150
Ammonia	Unnamed Drainage Ditch		3,600	2,500	14,000		20,100
Chlorine	Unnamed Drainage Ditch	250	250				500
Phosphoric acid	Unnamed Drainage Ditch	250					250
Hydrochloric acid	Unnamed Drainage Ditch	5					5
Nitric acid	Unnamed Drainage Ditch	5					5
Sulfuric acid	Unnamed Drainage Ditch	5					5

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Texarkana, Texas

Facility: **Alumax Mill Prods. Inc.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		241,005	250	5			241,260
Sulfuric acid	Waggoner Creek	140,000					140,000
Hydrochloric acid	Waggoner Creek	100,000					100,000
Chlorine	Waggoner Creek	750	250				1,000
Aluminum (fume or dust)	Waggoner Creek	250					250
Chromium	Waggoner Creek	5		5			10

City: Texarkana, Texas

Facility: **U.S. Army Red River Army Depot**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals						4,173	4,173
Chlorine	Elliot Creek					4,173	4,173

City: Texarkana, Texas

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

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					986	120	1,106
Creosote	Howard Creek				816	96	912
Creosote	Wagner Creek				170	24	194

City: Texas City, Texas

Facility: **Amoco Petroleum Prods.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		88,695	144,900	296,030	227,374	61,236	818,235
Ammonia	Galveston Bay	64,000	120,000	240,000	180,000	17,000	621,000
Methyl tert-butyl ether	Galveston Bay		3,900	43,000	44,000	41,000	131,900
Methanol	Galveston Bay	23,000					23,000
Naphthalene	Galveston Bay	230	6,200	3,900	140	240	10,710
Zinc compounds	Galveston Bay		4,600	3,000	1,600	1,200	10,400
Phenol	Galveston Bay	960	1,800	1,600	980	950	6,290
Xylene (mixed isomers)	Galveston Bay		2,600	1,500	27	80	4,207
Toluene	Galveston Bay	110	1,700	870	23	45	2,748
1,2,4-Trimethylbenzene	Galveston Bay		1,500	770	130	140	2,540
Cyclohexane	Galveston Bay		820	340	150	140	1,450
Chromium compounds	Galveston Bay		510	460	170	280	1,420
Ethylbenzene	Galveston Bay	110	770	350	44	53	1,327
Benzene	Galveston Bay	95	500	140	17	21	773
Cumene	Galveston Bay			100	93	87	280
Chromium	Galveston Bay	190					190

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Texas City, Texas

Facility: **Phibro Energy USA Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		47,601	52,078	25,047	18,347	9,529	152,602
Ammonia	Texas City Industrial Ship	47,051	51,952	24,040	14,699	1,330	139,072
Methanol	Texas City Industrial Ship			5	1,470	3,166	4,641
Cresol (mixed isomers)	Texas City Industrial Ship			48	153	2,912	3,113
Zinc compounds	Texas City Industrial Ship			392	1,000	317	1,709
Methyl tert-butyl ether	Texas City Industrial Ship			78	588	582	1,248
Chromium	Texas City Industrial Ship	510					510
Cyclohexane	Texas City Industrial Ship	5	16	302	59	66	448
Xylene (mixed isomers)	Texas City Industrial Ship	5	16	15	18	288	342
Antimony compounds	Texas City Industrial Ship					317	317
Phenol	Texas City Industrial Ship			32	165	63	260
1,2,4-Trimethylbenzene	Texas City Industrial Ship	5	3	30	18	118	174
Toluene	Texas City Industrial Ship	5	16	15	18	108	162
Benzene	Texas City Industrial Ship	5	16	15	18	104	158
Naphthalene	Texas City Industrial Ship	5	31	30	59	27	152
Ethylbenzene	Texas City Industrial Ship	5	16	15	18	62	116
tert-Butyl alcohol	Texas City Industrial Ship				5	63	68
Nickel compounds	Texas City Industrial Ship				59		59
Chlorine	Texas City Industrial Ship			30		6	36
1,2-Dichloroethane	Texas City Industrial Ship		9				9
1,3-Butadiene	Texas City Industrial Ship	5					5
Cumene	Texas City Industrial Ship		3				3

City: Texas City, Texas

Facility: **Sterling Chemicals Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		15,100	10,560	18,005	20,005	17,439	81,109
Chlorine	Galveston Bay	15,100	10,550	18,000	20,005	17,439	81,094
Styrene	Galveston Bay		5	5			10
Benzene	Galveston Bay		5				5

City: Texas City, Texas

Facility: **Marathon Oil Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		130	329	274	1,686	38,093	40,512
Ammonia	Texas City Industrial Ship				1,425	38,000	39,425
Xylene (mixed isomers)	Texas City Industrial Ship	5	190	190	190	15	590
Chromium compounds	Texas City Industrial Ship	90	110	36			236
Ethylbenzene	Texas City Industrial Ship	5	22	22	24	22	95
Toluene	Texas City Industrial Ship	5	1	21	20	18	65
Benzene	Texas City Industrial Ship	20	1	5	15	14	55
Chromium	Texas City Industrial Ship				12	24	36
1,2,4-Trimethylbenzene	Texas City Industrial Ship	5	5				10

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Texas City, Texas

Facility: **Amoco Chemical Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		6,447	6,601	1,807	2,536	3,125	20,516
Ammonia	Galveston Bay	6,400		1,765	2,460	3,072	13,697
Ammonia	Galveston Bay		6,538				6,538
Benzene	Galveston Bay	20	35	7	17	20	99
Ethylbenzene	Galveston Bay	5		10	22	25	62
Cumene	Galveston Bay			24	30		54
Xylene (mixed isomers)	Galveston Bay	12		1	7	8	28
Ethylbenzene	Galveston Bay		22				22
Xylene (mixed isomers)	Galveston Bay		6				6
Styrene	Galveston Bay	5					5
Toluene	Galveston Bay	5					5

City: Texas City, Texas

Facility: **Sea Lion Tech.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			260	260	5		525
Styrene	Galveston County Drainage		250	250			500
4,6-Dinitro-o-cresol	Galveston County Drainage		5	5	5		15
o-Cresol	Galveston County Drainage		5	5			10

City: Texas City, Texas

Facility: **Isp Techs. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		180	91		5		276
Ammonia	Moses Bayou	180	91				271
Nickel compounds	Moses Bayou				5		5

City: Texas City, Texas

Facility: **Tex Tin Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		159					159
Copper	Wah Chang Ditch	146					146
Lead	Wah Chang Ditch	13					13

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Three Rivers, Texas

Facility: **Three Rivers Refy.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals				48	11	73	132
Ammonia	Frio River			5	8	56	69
Chlorine	Frio River			30	1	6	37
Ammonium sulfate (solution)	Frio River			1	2	11	14
Acetone	Frio River			1			1
Benzene	Frio River			1			1
Naphthalene	Frio River			1			1
1,2,4-Trimethylbenzene	Frio River			1			1
Cumene	Frio River			1			1
Ethylbenzene	Frio River			1			1
1,2-Dibromoethane	Frio River			1			1
m-Xylene	Frio River			1			1
Toluene	Frio River			1			1
Cyclohexane	Frio River			1			1
Diethanolamine	Frio River			1			1
Glycol ethers	Frio River			1			1

City: Troup, Texas

Facility: **General Refractories Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals			250				250
Phosphoric acid	Plant Pond		250				250

City: Tyler, Texas

Facility: **La Gloria Oil & Gas Co.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		6,758	1,250	1,005	1,005	505	10,523
Ethylbenzene	Black Fork Creek	2,048	250	250	250	5	2,803
Xylene (mixed isomers)	Black Fork Creek	2,048	250	250	250		2,798
Toluene	Black Fork Creek	1,638	250	250	250	250	2,638
Benzene	Black Fork Creek	1,024	250	250	250	250	2,024
1,2-Dichloroethane	Black Fork Creek		250	5	5		260

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Tyler, Texas

Facility: **Carrier Corp.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		250	5	5	255	5	520
Bis(2-ethylhexyl) adipate	Black Fork Creek				250		250
Copper compounds	Black Fork Creek	250					250
Copper	Black Fork Creek		5	5	5	5	20

City: Tyler, Texas

Facility: **Tyler Pipe Ind. Inc.**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		64	38	5	7	10	124
Lead	Headwater Little Saline Creek	35					35
Phenol	Little Saline Creek		20	3	4	1	28
Manganese	Little Saline Creek		11	2	2	8	23
Phenol	Headwater Little Saline Creek	16					16
Chromium	Little Saline Creek		7				7
Copper	Headwater Little Saline Creek	7					7
Copper	Little Saline Creek				1	1	2
Chromium	Headwater Little Saline Creek	2					2
Nickel	Headwater Little Saline Creek	2					2
Manganese	Headwater Little Saline Creek	2					2

City: Victoria, Texas

Facility: **Du Pont**

Chemical discharged	Receiving water	Pounds of toxic chemicals discharged to water					1990-1994
		1990	1991	1992	1993	1994	
All toxic chemicals		4,774	2,267	1,198	1,910	1,849	11,998
Acetone	Guadalupe River	2,700	1,180				3,880
Chlorine	Guadalupe River	860	300	270	611	601	2,642
Chromium compounds	Guadalupe River	650	340	280	552	570	2,392
Zinc compounds	Guadalupe River	330	314	517	607	548	2,316
Cyanide compounds	Guadalupe River	88	70	131	140	130	559
Toluene	Guadalupe River	130	53				183
Vinyl acetate	Guadalupe River	10	7				17
Copper compounds	Guadalupe River	6	3				9

Table 9

Toxic water pollution in Texas

Companies reporting toxic discharges to water (1990-1994)

City: Wadsworth, Texas

Facility: **Lyondell Petrochemical Co.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals		15	265	246	220	220	966
Chlorine	Colorado River		250	220	220	220	910
Toluene	Colorado River	5	5	26			36
Ethylene	Colorado River	5	5				10
Sulfuric acid	Colorado River	5	5				10

City: Waskom, Texas

Facility: **Aztec Mfg.**

		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	1,000
Zinc compounds	State Line Lake		250	250	250	250	1,000

City: Waxahachie, Texas

Facility: **International Extrusion Corp.**

		Pounds of toxic chemicals discharged to water					
Chemical discharged	Receiving water	1990	1991	1992	1993	1994	1990-1994
All toxic chemicals					750		750
Sulfuric acid	Mustang Creek				750		750