

Appendix K-3
2001 Annual Report
Summary of the
Persistent, Bioaccumulative, Toxic Substance (PBT) Data

Statewide Materials Accounting Summary for 2001 - PBTs

	2001
Number of Facilities	195
Number of Forms	335
Starting Inventory	16,882,237
Starting Inventory as NPO	134,424
Manufactured	1,227,606
Brought on Site	241,290,782
Brought on Site as Recycled	65,896,986
Consumed	33,428,395
Shipped in/or as Product	190,097,734
Ending Inventory	18,029,306
Ending Inventory as NPO	77,993
Nonproduct Output	15,896,794
On-Site Releases	24,804
Stack Air Emissions	9,978
Fugitive Air Emissions	1,247
Surface Water Discharge	1,142
Ground Water Discharge	0
Land Disposal on-site	12,438
On-Site Management	221,360
Recycled & Reused on-site	41,853
Energy Recovered on-site	24,850
Destroyed on-site	211,089
EI(as NPO) - SI(as NPO)	-56,431
Off-Site Transfers	15,650,630
POTW Discharge	352
Waste Transfer - Recycling	14,623,348
Waste Transfer - Energy Recovery	1,682
Waste Transfer - Treatment	392,438
Waste Transfer - Disposal	628,651
Total Substance Use or Throughput	239,422,923

Number of Facilities and Reports for 2001 - PBTs

COUNTY	# of Facilities	# of Reports
ATLANTIC	1	1
BERGEN	15	24
BURLINGTON	16	28
CAMDEN	12	20
CAPE MAY	1	5
CUMBERLAND	3	6
ESSEX	16	22
GLOUCESTER	13	41
HUDSON	17	25
HUNTERDON	8	9
MERCER	3	10
MIDDLESEX	35	60
MONMOUTH	2	2
MORRIS	10	11
OCEAN	1	1
PASSAIC	8	9
SALEM	6	22
SOMERSET	4	5
UNION	17	27
WARREN	7	7
TOTAL	195	335

Throughput Data Summary by County for 2001 - PBTs

County	INPUTS				OUTPUTS				Use
	Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped in/or as Product	Ending Inventory	Nonproduct Output	
ATLANTIC	323	0	234	0	0	241	316	1	242
BERGEN	193,691	1	1,922,784	0	167,472	1,646,781	282,526	-31,683	1,782,570
BURLINGTON	47,186	136,282	592,171	0	59,588	470,586	56,035	213,388	743,562
CAMDEN	437,357	35,790	7,610,712	152	19,208	7,527,289	504,074	4,129	7,550,626
CAPE MAY	6,786	40	283,430	0	276,888	4,731	7,657	981	282,600
CUMBERLAND	25,100	0	48,639	0	28,601	22,175	19,752	3,206	53,981
ESSEX	165,180	0	22,680,097	187	3,999	20,532,814	1,006,153	15,841	20,552,655
GLOUCESTER	978,061	8,677	16,343,872	0	11,664,497	4,192,126	1,211,510	253,902	16,110,525
HUDSON	1,193,364	252	14,976,463	36,796	227,541	15,056,669	1,243,699	443,812	15,728,021
HUNTERDON	27,901	22	197,151	1,987	21,559	185,821	17,487	5,694	213,074
MERCER	11,292	210	2,478,655	0	1,149	2,395,235	17,203	158,528	2,554,912
MIDDLESEX	9,902,835	356,503	140,929,226	2,724	3,109,560	124,330,899	9,251,310	12,947,036	140,387,495
MONMOUTH	301,444	0	1,238,203	0	0	1,496,821	42,826	1,840	1,498,661
MORRIS	48,394	0	149,267	6	0	29,955	46,852	121,511	151,466
OCEAN	194	0	194	0	0	111	194	277	388
PASSAIC	755,958	1,056	12,338,800	0	910	11,328,938	665,452	1,075,216	12,405,064
SALEM	1,860,367	55,176	15,888,830	0	15,194,363	7,752	2,531,520	73,391	15,275,506
SOMERSET	4,456	0	19,762	0	19,059	19,763	18,436	1,427	40,249
UNION	911,595	633,597	3,303,412	0	2,634,001	591,628	1,095,439	576,960	3,802,589
WARREN	10,754	0	288,879	0	0	257,400	10,866	31,336	288,736
Sum:	16,882,237	1,227,606	241,290,782	41,853	33,428,395	190,097,734	18,029,306	15,896,793.85	239,422,923

County Releases & Transfers for 2001 - PBTs

County	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Off-Site Transfers
ATLANTIC	0	0	0	0	0	0	0	0	0	0	1	1
BERGEN	252	27	0	0	0	279	32	12,597	0	39	1,396	14,065
BURLINGTON	2,440	12	1	0	0	2,452	1	77,659	0	100	110,530	188,290
CAMDEN	11	2	1	0	0	15	0	3,422	0	10	178	3,611
CAPE MAY	255	0	1	0	0	256	0	0	0	0	725	725
CUMBERLAND	3	24	26	0	0	53	0	249	1	0	2,903	3,153
ESSEX	1,292	707	0	0	0	1,999	2	6,172	0	141	4,813	11,128
GLOUCESTER	254	43	5	0	0	302	4	18,665	219	1,877	25,846	46,611
HUDSON	958	283	2	0	564	1,807	10	87,714	1,006	13,460	301,734	403,923
HUNTERDON	58	13	0	0	0	71	0	1,000	278	0	879	2,157
MERCER	539	12	3	0	0	554	0	118,480	0	0	33,516	151,996
MIDDLESEX	2,411	54	16	0	0	2,482	250	12,540,646	88	353,889	38,399	12,933,273
MONMOUTH	1	13	0	0	0	14	0	0	0	17	1,809	1,826
MORRIS	3	0	0	0	0	3	2	117,379	0	0	915	122,454
OCEAN	0	0	0	0	0	0	0	83	0	0	0	83
PASSAIC	96	29	0	0	0	125	19	1,059,340	0	0	40,577	1,099,936
SALEM	125	23	1,054	0	11,874	13,076	0	1,618	0	22,845	34,685	59,149
SOMERSET	0	0	0	0	0	0	0	21	0	18	1,331	1,370
UNION	509	3	27	0	0	540	32	572,807	0	4	3,477	576,320
WARREN	772	1	5	0	0	778	0	5,496	89	37	24,936	30,558
Sum:	9,978	1,247	1,142	0	12,438	24,804	352	14,623,348	1,682	392,438	628,651	15,650,630

Number of Facilities and Reports for 2001 - PBTs

SIC CODE	# of Facilities	# of Reports
20	3	6
26	8	13
27	3	3
28	38	56
29	10	34
30	11	12
31	1	1
32	8	9
33	23	33
34	15	15
35	6	6
36	24	24
37	3	5
38	3	4
39	3	4
49	15	57
51	21	53
TOTAL	195	335

Throughput Data Summary by Industry for 2001 - PBTs

SIC CODE	INPUTS				OUTPUTS				Use
	Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped in/or as Product	Ending Inventory	Nonproduct Output	
20	1,404	0	23,864	0	20,673	0	4,584	7	20,680
26	6,800	0	188,189	6	187,463	1,983	5,454	4,075	193,521
27	111,953	0	115,000	0	0	0	100,373	77,681	77,681
28	412,315	416,564	2,286,425	60	57,941	2,363,869	193,508	492,245	2,914,055
29	1,421,989	332	26,479,018	644	2,632,415	23,753,104	1,505,171	4,643	26,390,161
30	276,071	0	3,389,846	4,108	57,689	3,360,910	151,316	163,665	3,582,263
31	54	0	3,720	0	3,696	0	52	26	3,722
32	74,174	0	89,010	530	0	70,166	48,963	19,157	89,323
33	7,553,778	805,283	61,291,899	31,265	0	59,978,267	6,710,898	1,559,555	61,537,823
34	121,721	0	669,586	150	320	648,352	186,902	22,913	671,585
35	13,588	0	90,080	0	0	53,850	10,651	37,328	91,178
36	208,654	1,056	70,570,391	0	1,710	57,631,342	171,438	12,974,110	70,607,162
37	3,953	149	22,242	0	0	18,583	4,371	1,740	20,323
38	2,820	0	1,938	187	0	1,704	2,900	3,755	5,459
39	14,554	0	219,027	4,900	166,858	52,904	13,680	5,039	224,801
49	4,934,758	4,223	31,794,359	0	30,299,631	41,240	5,873,220	524,897	30,865,768
51	1,723,650	0	44,056,189	2	0	42,121,460	3,045,826	5,959	42,127,419
Sum:	16,882,237	1,227,606	241,290,782	41,853	33,428,395	190,097,734	18,029,306	15,896,793.85	239,422,923

Industry Releases & Transfers for 2001 - PBTs

SIC CODE 1st 2 digits	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Off-Site Transfers
20	3	0	0	0	0	3	0	0	0	0	4	4
26	2	0	1	0	0	3	1	7	0	8	77	93
27	0	1	0	0	0	1	0	126,580	0	0	0	126,580
28	618	77	1,058	0	11,874	13,627	167	167	182	378,751	71,104	450,371
29	317	33	31	0	0	381	0	1,992	219	25	2,494	4,731
30	46	17	0	0	0	63	10	118,997	0	28	34,146	153,181
31	26	0	0	0	0	26	0	0	0	0	0	0
32	51	26	0	0	0	77	0	0	0	0	43,418	43,418
33	5,028	215	6	0	0	5,250	22	1,364,150	1,000	13,459	138,798	1,517,430
34	223	16	0	0	0	239	5	19,694	1	0	1,228	20,928
35	0	2	0	0	0	2	6	14,242	0	0	25,567	39,815
36	539	5	14	0	0	558	102	12,965,900	278	14	1,803	12,972,255
37	0	0	0	0	0	0	30	0	0	0	1,710	1,740
38	1	1	0	0	0	2	0	3,377	0	0	1	3,379
39	80	22	0	0	0	102	8	0	0	0	29	37
49	1,781	122	32	0	564	2,499	1	7,631	1	2	305,051	312,686
51	1,262	710	0	0	0	1,972	0	612	0	151	3,220	3,983
Sum:	9,978	1,247	1,142	0	12,438	24,804	352	14,623,348	1,682	392,438	628,651	15,650,630

Number of Substance Reports for 2001 - PBTs

Substance Name	CAS #	# of Reports
ALDRIN	309-00-2	1
BENZO(G,H,I)PERYLENE	191-24-2	46
CHLORDANE	57-74-9	2
DIOXIN AND DIOXIN-LIKE COMPOUNDS	N150	19
HEPTACHLOR	76-44-8	1
HEXACHLOROBENZENE	118-74-1	3
ISODRIN	465-73-6	1
LEAD	7439-92-1	72
LEAD COMPOUNDS	N420	85
MERCURY	7439-97-6	10
MERCURY COMPOUNDS	N458	17
METHOXYCHLOR	72-43-5	1
PENDIMETHALIN	40487-42-1	1
PENTACHLOROBENZENE	608-93-5	2
POLYCHLORINATED BIPHENYLS (PCBS)	1336-36-3	3
POLYCYCLIC AROMATIC COMPOUNDS	N590	69
TOXAPHENE (CAMPHECHLOR)	8001-35-2	1
TRIFLURALIN	1582-09-8	1
TOTAL		335

Substance Releases & Transfers for 2001 - PBTs

CAS Number	Chemical Name	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Off-Site Transfers
309-00-2	ALDRIN	0	0	0	0	0	0	0	0	0	0	0	0
191-24-2	BENZO(G,H,I)PERYLENE	24	2	0	0	0	26	0	36	0	2	7	45
57-74-9	CHLORDANE	5	1	80	0	432	518	0	0	0	0	50	50
N150	DIOXIN AND DIOXIN-LIKE COMPOUND	8	1	0	0	2	11	0	2	0	9	38	50
76-44-8	HEPTACHLOR	2	0	0	0	0	2	0	0	0	0	0	0
118-74-1	HEXACHLOROBENZENE	9	29	48	0	582	668	0	0	0	1,833	75	1,908
465-73-6	ISODRIN	0	0	0	0	0	0	0	0	0	0	0	0
7439-92-1	LEAD	2,459	244	6	0	0	2,708	210	1,925,330	1,000	548	53,971	1,985,217
N420	LEAD COMPOUNDS	4,396	170	787	0	10,214	15,567	141	12,693,344	678	389,849	573,611	13,657,623
7439-97-6	MERCURY	275	1	0	0	0	276	1	1,653	2	8	154	1,817
N458	MERCURY COMPOUNDS	481	0	12	0	74	567	0	2,170	0	45	337	2,552
72-43-5	METHOXYCHLOR	0	0	0	0	0	0	0	0	0	0	0	0
40487-42-1	PENDIMETHALIN	0	0	171	0	370	541	0	0	0	0	0	0
608-93-5	PENTACHLOROBENZENE	60	0	0	0	0	60	0	0	0	0	0	0
1336-36-3	POLYCHLORINATED BIPHENYLS (PC	0	0	0	0	0	1	1	0	0	0	21	21
N590	POLYCYCLIC AROMATIC COMPOUND	2,243	798	36	0	756	3,833	0	813	2	144	387	1,345
8001-35-2	TOXAPHENE [CAMPHECHLOR]	0	0	0	0	0	0	0	0	0	0	0	0
1582-09-8	TRIFLURALIN	16	0	1	0	8	25	0	0	0	0	0	0
Sum:		9,978	1,247	1,142	0	12,438	24,804	352	14,623,348	1,682	392,438	628,651	15,650,630

Top Tens (NPO) - PBTs

Top 10 Substances Generated as Nonproduct Output in 2001

CAS Number	Substance Name	NPO	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	15,642,499	98.40 %
118-74-1	HEXACHLOROBENZENE	81,285	0.51 %
57-74-9	CHLORDANE	75,293	0.47 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	54,937	0.35 %
76-44-8	HEPTACHLOR	32,860	0.21 %
7439-97-6 & N458	MERCURY & COMPOUNDS	5,218	0.03 %
72-43-5	METHOXYCHLOR	2,755	0.02 %
40487-42-1	PENDIMETHALIN	541	0.00 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	483	0.00 %
191-24-2	BENZO(G,H,I)PERYLENE	247	0.00 %
Sum of Top 10:		15,896,119	100.00 %
Sum Other:		675	0.00 %
Sum All:		15,896,794	100.00 %

Top 10 Facilities Generating Nonproduct Output in 2001

Facility Name (City)	County	NPO	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	12,236,999	76.98 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	672,160	4.23 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	565,403	3.56 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	384,786	2.42 %
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	355,400	2.24 %
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	304,666	1.92 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	250,039	1.57 %
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	209,858	1.32 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	157,974	0.99 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	136,165	0.86 %
Sum of Top Ten:		15,273,450	96.08 %
Sum Other:		623,344	3.92 %
Sum All:		15,896,794	100.00 %

Top 10 Individual Reports of Nonproduct Output in 2001

Facility Name (City)	County	Substance Name	NPO
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	12,236,999
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD & COMPOUNDS	672,160
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD & COMPOUNDS	565,403
THE OKONITE CO, INC (PATERSON)	PASSAIC	LEAD & COMPOUNDS	384,728
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	LEAD & COMPOUNDS	355,400
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	LEAD & COMPOUNDS	304,666
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	LEAD & COMPOUNDS	249,903
RHEIN CHEMIE CORP. (TRENTON)	MERCER	LEAD & COMPOUNDS	157,974
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	135,997
PRUDENT PUBLISHING CO INC (LANDING)	MORRIS	LEAD & COMPOUNDS	115,330

Top Tens (Releases) - PBTs

Top 10 Substances Released On-Site in 2001

CAS Number	Substance Name	On-Site Releases	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	18,275	73.68 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	3,833	15.45 %
7439-97-6 & N458	MERCURY & COMPOUNDS	843	3.40 %
118-74-1	HEXACHLOROBENZENE	668	2.69 %
40487-42-1	PENDIMETHALIN	541	2.18 %
57-74-9	CHLORDANE	518	2.09 %
608-93-5	PENTACHLOROBENZENE	60	0.24 %
191-24-2	BENZO(G,H,I)PERYLENE	26	0.11 %
1582-09-8	TRIFLURALIN	25	0.10 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	11	0.04 %
Sum of Top Ten:		24,801	99.99 %
Sum Other:		3	0.01 %
Sum All:		24,804	100.00 %

Top 10 On-Site Releasers in 2001

Facility Name (City)	County	On-Site Releases	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	12,947	52.20 %
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	1,932	7.79 %
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	1,412	5.69 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	1,287	5.19 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	1,177	4.74 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	993	4.00 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	572	2.31 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	554	2.23 %
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	499	2.01 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	343	1.38 %
Sum of Top Ten:		21,715	87.55 %
Sum Other:		3,089	12.45 %
Sum All:		24,804	100.00 %

Top 10 Individual Reports of On-Site Releases in 2001

Facility Name (City)	County	Substance Name	On-Site Releases
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD & COMPOUNDS	10,386
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	POLYCYCLIC AROMATIC COMPOUNDS	1,932
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	LEAD & COMPOUNDS	1,345
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	1,213
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD & COMPOUNDS	972
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	798
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	769
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HEXACHLOROBENZENE	628
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD & COMPOUNDS	572
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	PENDIMETHALIN	541

Top Tens (Air Emissions) - PBTs

Top 10 Substances for Total Air Emissions in 2001

CAS Number	Substance Name	Total Air Emissions	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	7,268	64.75 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	3,041	27.09 %
7439-97-6 & N458	MERCURY & COMPOUNDS	757	6.74 %
608-93-5	PENTACHLOROBENZENE	60	0.54 %
118-74-1	HEXACHLOROBENZENE	38	0.34 %
191-24-2	BENZO(G,H,I)PERYLENE	26	0.24 %
1582-09-8	TRIFLURALIN	16	0.14 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	8	0.07 %
57-74-9	CHLORDANE	6	0.06 %
76-44-8	HEPTACHLOR	2	0.02 %
Sum of Top Ten:		11,224	99.99 %
Sum Other:		1	0.01 %
Sum All:		11,225	100.00 %

Top 10 Facilities for Total Air Emissions in 2001

Facility Name (City)	County	Total Air Emissions	% of Total
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	1,932	17.21 %
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	1,412	12.58 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	1,287	11.46 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	993	8.85 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	612	5.45 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	567	5.05 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	551	4.91 %
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	485	4.32 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	343	3.06 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	300	2.67 %
Sum of Top Ten:		8,481	75.56 %
Sum Other:		2,744	24.44 %
Sum All:		11,225	100.00 %

Top 10 Individual Reports of Total Air Emissions in 2001

Facility Name (City)	County	Substance Name	Total Air Emissions
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	POLYCYCLIC AROMATIC COMF	1,932
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	LEAD & COMPOUNDS	1,345
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	1,213
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD & COMPOUNDS	972
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD & COMPOUNDS	567
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	485
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	300
CUSTOM CHEMICALS CORPORATION (ELMWOOD PARK)	BERGEN	LEAD & COMPOUNDS	272
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	233
MERCK & CO INC (RAHWAY)	UNION	POLYCYCLIC AROMATIC COMF	228

Top Tens (Stack Air Emissions) - PBTs

Top 10 Substances for Stack Air Emissions in 2001

CAS Number	Substance Name	Stack Air Emissions	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	6,854	68.69 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	2,243	22.48 %
7439-97-6 & N458	MERCURY & COMPOUNDS	756	7.58 %
608-93-5	PENTACHLOROBENZENE	60	0.60 %
191-24-2	BENZO(G,H,I)PERYLENE	24	0.24 %
1582-09-8	TRIFLURALIN	16	0.16 %
118-74-1	HEXACHLOROBENZENE	9	0.09 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	8	0.08 %
57-74-9	CHLORDANE	5	0.05 %
76-44-8	HEPTACHLOR	2	0.02 %
Sum of Top Ten:		9,978	100.00 %
Sum Other:		0	0.00 %
Sum All:		9,978	100.00 %

Top 10 Facilities for Stack Air Emissions in 2001

Facility Name (City)	County	Stack Air Emissions	% of Total
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	1,412	14.15 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	1,287	12.89 %
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	1,235	12.38 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	993	9.95 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	604	6.05 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	567	5.68 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	539	5.40 %
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	485	4.86 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	343	3.44 %
MERCK & CO INC (RAHWAY)	UNION	290	2.91 %
Sum of Top Ten:		7,754	77.71 %
Sum Other:		2,224	22.29 %
Sum All:		9,978	100.00 %

Top 10 Individual Reports of Stack Air Emissions in 2001

Facility Name (City)	County	Substance Name	Stack Air Emissions
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	LEAD & COMPOUNDS	1,345
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	POLYCYCLIC AROMATIC COMF	1,235
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	1,213
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD & COMPOUNDS	972
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD & COMPOUNDS	567
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	485
CUSTOM CHEMICALS CORPORATION (ELMWOOD PARK)	BERGEN	LEAD & COMPOUNDS	247
MERCK & CO INC (RAHWAY)	UNION	POLYCYCLIC AROMATIC COMF	228
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	225
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	LEAD & COMPOUNDS	207

Top Tens (Fugitive Air Emissions) - PBTs

All Substances for Fugitive Air Emissions in 2001

CAS Number	Substance Name	Fugitive Air Emissions	Percentage
N590	POLYCYCLIC AROMATIC COMPOUNDS	798.3500	67.51 %
7439-92-1 & N420	LEAD & COMPOUNDS	349.8540	29.59 %
118-74-1	HEXACHLOROBENZENE	29.0000	2.45 %
191-24-2	BENZO(G,H,I)PERYLENE	2.3217	0.20 %
57-74-9	CHLORDANE	1.0000	0.08 %
7439-97-6 & N458	MERCURY & COMPOUNDS	0.9500	0.08 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	0.5900	0.05 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	0.4600	0.04 %
Sum:		1,182.5257	100.00 %

Top 10 Facilities for Fugitive Air Emissions in 2001

Facility Name (City)	County	Fugitive Air Emissions	% of Total
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	697.0000	55.92 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	200.0000	16.04 %
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	60.0000	4.81 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	28.0000	2.25 %
SPAULDING COMPANY INC (CLIFTON)	PASSAIC	25.0000	2.01 %
CUSTOM CHEMICALS CORPORATION (ELMWOOD PARK)	BERGEN	25.0000	2.01 %
VINELAND CITY (VINELAND CITY)	CUMBERLAND	23.4000	1.88 %
MANNINGTON MILLS INC (MANNINGTON TWP)	SALEM	22.0117	1.77 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	20.0600	1.61 %
POLYONE CORP (HOWELL TWP)	MONMOUTH	13.0000	1.04 %
Sum of Top Ten:		1,113.4717	89.33 %
Sum Other:		133.0540	10.67 %
Sum All:		1,246.5257	100.00 %

Top 10 Individual Reports of Fugitive Air Emissions in 2001

Facility Name (City)	County	Substance Name	Fugitive Air Emissions
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	POLYCYCLIC AROMATIC COMPOUNDS	697.00
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	200.00
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	LEAD & COMPOUNDS	60.00
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	HEXACHLOROBENZENE	28.00
CUSTOM CHEMICALS CORPORATION (ELMWOOD PARK)	BERGEN	LEAD & COMPOUNDS	25.00
SPAULDING COMPANY INC (CLIFTON)	PASSAIC	LEAD & COMPOUNDS	25.00
VINELAND CITY (VINELAND CITY)	CUMBERLAND	POLYCYCLIC AROMATIC COMPOUNDS	23.20
MANNINGTON MILLS INC (MANNINGTON TWP)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	22.00
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	POLYCYCLIC AROMATIC COMPOUNDS	19.95
POLYONE CORP (HOWELL TWP)	MONMOUTH	LEAD & COMPOUNDS	13.00

Top Tens (Surface Water Discharges) - PBTs

All Substances Discharged to Surface Water in 2001

CAS Number	Substance Name	Surface Water Discharge	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	793.00	69.46 %
40487-42-1	PENDIMETHALIN	171.00	14.98 %
57-74-9	CHLORDANE	80.00	7.01 %
118-74-1	HEXACHLOROBENZENE	48.00	4.20 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	35.80	3.14 %
7439-97-6 & N458	MERCURY & COMPOUNDS	12.30	1.08 %
1582-09-8	TRIFLURALIN	1.00	0.09 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	0.32	0.03 %
191-24-2	BENZO(G,H,I)PERYLENE	0.10	0.01 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	0.10	0.01 %
Sum of Top Ten:		1,141.62	100.00 %
Sum Other:		0.00	0.00 %
Sum All:		1,141.62	100.00 %

Top 14 Facilities for Surface Water Discharges in 2001

Facility Name (City)	County	Surface Water Discharge	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	1,054.00	92.32 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	27.23	2.39 %
VINELAND CITY (VINELAND CITY)	CUMBERLAND	25.70	2.25 %
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	14.00	1.23 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	5.00	0.44 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	4.00	0.35 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	3.10	0.27 %
CHEVRON PRODUCTS COMPANY (PERTH AMBOY)	MIDDLESEX	2.40	0.21 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	1.09	0.10 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	1.00	0.09 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	1.00	0.09 %
NEW NGC, INC. (DELAIR)	CAMDEN	1.00	0.09 %
HOEGANAES CORPORATION (CINNAMINSON)	BURLINGTON	1.00	0.09 %
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	1.00	0.09 %
Sum of Top Ten:		1,141.52	99.99 %
Sum Other:		0.10	0.01 %
Sum All:		1,141.62	100.00 %

Top 10 Individual Reports of Surface Water Discharges in 2001

Facility Name (City)	County	Substance Name	Surface Water Discharge
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD & COMPOUNDS	736
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	PENDIMETHALIN	171
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLORDANE	80
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HEXACHLOROBENZENE	44
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	LEAD & COMPOUNDS	27
VINELAND CITY (VINELAND CITY)	CUMBERLAND	POLYCYCLIC AROMATIC COMPOUNDS	23
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	14
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	12
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	MERCURY & COMPOUNDS	10
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD & COMPOUNDS	5

Last Updated 12/23/2003

Top Reports (Ground Water Discharges) - PBTs

All Substances Discharged to Ground Water in 2001

CAS Number	Substance Name	Ground Water Discharge
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No PBTs were reported as discharged to ground waters.

All Facilities for Ground Water Discharges in 2001

Facility Name (City)	County	Ground Water Discharge
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No PBTs were reported as discharged to ground waters.

All Individual Reports of Ground Water Discharges in 2001

Facility Name (City)	County	Substance Name	Ground Water Discharge
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No PBTs were reported as discharged to ground waters.

Top Reports (On-site Land Disposals) - PBTs

All Substances for On-site Land Disposal in 2001

CAS Number	Substance Name	Land Disposal on-site	Percentage
7439-92-1 & N420	LEAD & COMPOUNDS	10,214	82.12 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	756	6.08 %
118-74-1	HEXACHLOROBENZENE	582	4.68 %
57-74-9	CHLORDANE	432	3.47 %
40487-42-1	PENDIMETHALIN	370	2.97 %
7439-97-6 & N458	MERCURY & COMPOUNDS	74	0.59 %
1582-09-8	TRIFLURALIN	8	0.06 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	2	0.02 %
Sum:		12,438	100.00 %

All Facilities Reporting On-site Land Disposal in 2001

Facility Name (City)	County	Land Disposal on-site	Percentage
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	11,874	95.47 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	564	4.53 %
Sum:		12,438	100.00 %

All Individual Reports of On-site Land Disposal in 2001

Facility Name (City)	County	Substance Name	Land Disposal on-site
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD & COMPOUNDS	9,650
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	756
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HEXACHLOROBENZENE	582
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	564
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLORDANE	432
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	PENDIMETHALIN	370
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	MERCURY & COMPOUNDS	74
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	TRIFLURALIN	8
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	DIOXIN AND DIOXIN-LIKE COMPOUNDS	2

Top Tens (Transferred Off-site) - PBTs

All Substances Transferred Off-site in 2001

CAS Number	Substance Name	Off-Site Transfers	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	15,642,839.79	99.95 %
7439-97-6 & N458	MERCURY & COMPOUNDS	4,369.80	0.03 %
118-74-1	HEXACHLOROBENZENE	1,907.60	0.01 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	1,345.24	0.01 %
57-74-9	CHLORDANE	50.30	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	49.82	0.00 %
191-24-2	BENZO(G,H,I)PERYLENE	45.15	0.00 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	21.33	0.00 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	0.30	0.00 %
72-43-5	METHOXYCHLOR	0.10	0.00 %
76-44-8	HEPTACHLOR	0.10	0.00 %
Sum of Top Ten:		15,650,629.53	100.00 %
Sum Other:		0	0.00 %
Sum All:		15,650,629.53	100.00 %

Top 10 Facilities with Off-site Transfers in 2001

Facility Name (City)	County	Off-Site Transfers	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	12,236,500	78.19 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	672,111	4.29 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	565,299	3.61 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	384,785	2.46 %
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	353,800	2.26 %
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	304,423	1.95 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	249,696	1.60 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	151,996	0.97 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	120,226	0.77 %
PRUDENT PUBLISHING CO INC (LANDING)	MORRIS	115,330	0.74 %
Sum of Top Ten:		15,154,166	96.83 %
Sum Other:		496,464	3.17 %
Sum All:		15,650,630	100.00 %

Top 10 Individual Reports of Off-site Transfers in 2001

Facility Name (City)	County	Substance Name	Off-Site Transfers
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	12,236,500
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD & COMPOUNDS	672,111
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD & COMPOUNDS	565,299
THE OKONITE CO, INC (PATERSON)	PASSAIC	LEAD & COMPOUNDS	384,727
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	LEAD & COMPOUNDS	353,800
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	LEAD & COMPOUNDS	304,423
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	LEAD & COMPOUNDS	249,696
RHEIN CHEMIE CORP. (TRENTON)	MERCER	LEAD & COMPOUNDS	151,996
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	120,136
PRUDENT PUBLISHING CO INC (LANDING)	MORRIS	LEAD & COMPOUNDS	115,330

Top Tens (POTW Discharges) - PBTs

All Substances Discharged to POTWs in 2001

CAS Number	Substance Name	POTW Discharge	Percentage
7439-92-1 & N420	LEAD & COMPOUNDS	350.59	99.59 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	0.80	0.23 %
7439-97-6 & N458	MERCURY & COMPOUNDS	0.49	0.14 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	0.14	0.04 %
Sum:		352.03	100.00 %

Top Ten Facilities Discharging to POTWs in 2001

Facility Name (City)	County	POTW Discharge	% of Total
UNION CARBIDE CORPORATION (PISCATAWAY TWP)	MIDDLESEX	164.70	46.75 %
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	60.00	17.03 %
CHICAGO MINATURE LAMP INC (HACKENSACK)	BERGEN	30.00	8.51 %
GENERAL MOTORS CORPORATION (LINDEN)	UNION	30.00	8.51 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	19.00	5.39 %
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	10.00	2.84 %
OXFORD SUPERCONDUCTING TECHNOLOGY (CARTERET)	MIDDLESEX	10.00	2.84 %
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	8.00	2.27 %
VANGUARD RESEARCH (SOUTH PLAINFIELD)	MIDDLESEX	4.00	1.14 %
GLACIER GARLOCK BEARINGS, L.L.C. (THOROFARE)	GLOUCESTER	4.00	1.14 %
Sum of Top Ten:		339.70	96.42 %
Sum Other:		12.63	3.58 %
Sum All:		352.33	100.00 %

Top 10 Individual Reports of POTW Discharges in 2001

Facility Name (City)	County	Chemical Name	POTW Discharge
UNION CARBIDE CORPORATION (PISCATAWAY TWP)	MIDDLESEX	LEAD	164.70
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD COMPOUNDS	60.00
CHICAGO MINATURE LAMP INC (HACKENSACK)	BERGEN	LEAD COMPOUNDS	30.00
GENERAL MOTORS CORPORATION (LINDEN)	UNION	LEAD COMPOUNDS	30.00
THE OKONITE CO, INC (PATERSON)	PASSAIC	LEAD	18.00
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	LEAD COMPOUNDS	10.00
OXFORD SUPERCONDUCTING TECHNOLOGY (CARTERET)	MIDDLESEX	LEAD	10.00
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	LEAD	8.00
GLACIER GARLOCK BEARINGS, L.L.C. (THOROFARE)	GLOUCESTER	LEAD	4.00
VANGUARD RESEARCH (SOUTH PLAINFIELD)	MIDDLESEX	LEAD COMPOUNDS	4.00

Top Tens (Off-site Transfers for Recycling) - PBTs

Top 5 Substances Transferred Off-site for Recycling in 2001

CAS Number	Substance Name	Waste Transfer - Recycling	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	14,618,673.88	99.97 %
7439-97-6 & N458	MERCURY & COMPOUNDS	3,823.00	0.03 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	813.07	0.01 %
191-24-2	BENZO(G,H,I)PERYLENE	36.22	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	2.20	0.00 %
Sum of Top Ten:		14,623,348	100.00 %
Sum Other:		0	0.00 %
Sum All:		14,623,348	100.00 %

Top 10 Facilities Transferring Off-site for Recycling in 2001

Facility Name (City)	County	Waste Transfer - Recycling	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	12,235,495	83.67 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	672,111	4.60 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	565,299	3.87 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	384,709	2.63 %
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	249,696	1.71 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	118,480	0.81 %
PRUDENT PUBLISHING CO INC (LANDING)	MORRIS	115,330	0.79 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	75,000	0.51 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	74,695	0.51 %
OXFORD SUPERCONDUCTING TECHNOLOGY (CARTERET)	MIDDLESEX	49,980	0.34 %
Sum of Top Ten:		14,540,795	99.44 %
Sum Other:		82,553	0.56 %
Sum All:		14,623,348	100.00 %

Top 10 Individual Reports of Off-site Transfers for Recycling in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Recycling
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	12,235,495
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD & COMPOUNDS	672,111
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD & COMPOUNDS	565,299
THE OKONITE CO, INC (PATERSON)	PASSAIC	LEAD & COMPOUNDS	384,709
GERDAU AMERISTEEL (PERTH AMBOY)	MIDDLESEX	LEAD & COMPOUNDS	249,696
RHEIN CHEMIE CORP. (TRENTON)	MERCER	LEAD & COMPOUNDS	118,480
PRUDENT PUBLISHING CO INC (LANDING)	MORRIS	LEAD & COMPOUNDS	115,330
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	75,000
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	74,640
OXFORD SUPERCONDUCTING TECHNOLOGY (CARTERET)	MIDDLESEX	LEAD & COMPOUNDS	49,980

Top Tens (Off-site Transfers for Energy Recovery) - PBTs

All Substances Transferred Off-site for Energy Recovery in 2001

CAS Number	Substance Name	Waste Transfer - Energy Recovery	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	1,678.00	99.78 %
7439-97-6 & N458	MERCURY & COMPOUNDS	2.00	0.12 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	1.67	0.10 %
191-24-2	BENZO(G,H,I)PERYLENE	0.07	0.00 %
Sum of Top Ten:		1,681.73	100.00 %
Sum Other:		0	0.00 %
Sum All:		1,681.73	100.00 %

Top 10 Facilities Transferring Off-site for Energy Recovery in 2001

Facility Name (City)	County	Waste Transfer - Energy Recovery	% of Total
FRY'S METALS INC. (JERSEY CITY)	HUDSON	1,000.00	59.46 %
GLASSMAN HIGH VOLTAGE, INC. (HIGH BRIDGE)	HUNTERDON	278.00	16.53 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP)	GLOUCESTER	219.00	13.02 %
BASF CORPORATION (BELVIDERE)	WARREN	89.00	5.29 %
THE SHERWIN-WILLIAMS COMPANY (EDISON)	MIDDLESEX	87.00	5.17 %
KENRICH PETROCHEMICALS INC (BAYONNE)	HUDSON	6.00	0.36 %
ENGLERT, INC. (PERTH AMBOY)	MIDDLESEX	1.00	0.06 %
VINELAND CITY (VINELAND CITY)	CUMBERLAND	0.83	0.05 %
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	0.40	0.02 %
PNEUMO ABEX CORPORATION (CAMDEN)	CAMDEN	0.40	0.02 %
Sum of Top Ten:		1,681.63	99.99 %
Sum Other:		0.10	0.01 %
Sum All:		1,681.73	100.00 %

Top 11 Individual Reports of Off-site Transfers for Energy Recovery in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Energy Recovery
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	1,000.00
GLASSMAN HIGH VOLTAGE, INC. (HIGH BRIDGE)	HUNTERDON	LEAD & COMPOUNDS	278.00
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP)	GLOUCESTER	LEAD & COMPOUNDS	217.00
BASF CORPORATION (BELVIDERE)	WARREN	LEAD & COMPOUNDS	89.00
THE SHERWIN-WILLIAMS COMPANY (EDISON)	MIDDLESEX	LEAD & COMPOUNDS	87.00
KENRICH PETROCHEMICALS INC (BAYONNE)	HUDSON	LEAD & COMPOUNDS	6.00
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP)	GLOUCESTER	MERCURY & COMPOUNDS	2.00
ENGLERT, INC. (PERTH AMBOY)	MIDDLESEX	LEAD & COMPOUNDS	1.00
VINELAND CITY (VINELAND CITY)	CUMBERLAND	POLYCYCLIC AROMATIC COMPOUNDS	0.77
PNEUMO ABEX CORPORATION (CAMDEN)	CAMDEN	POLYCYCLIC AROMATIC COMPOUNDS	0.40
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	POLYCYCLIC AROMATIC COMPOUNDS	0.40

Top Tens (Off-site Transfers for Treatment) - PBTs

All Substances Transferred Off-site for Treatment in 2001

CAS Number	Substance Name	Waste Transfer - Treatment	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	390,397.53	99.48 %
118-74-1	HEXACHLOROBENZENE	1,833.00	0.47 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	143.87	0.04 %
7439-97-6 & N458	MERCURY & COMPOUNDS	53.02	0.01 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	9.13	0.00 %
191-24-2	BENZO(G,H,I)PERYLENE	1.50	0.00 %
Sum of Top Ten:		392,438.06	100.00 %
Sum Other:		0	0.00 %
Sum All:		392,438.06	100.00 %

Top 10 Facilities Transferring Off-site for Treatment in 2001

Facility Name (City)	County	Waste Transfer - Treatment	% of Total
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	353,800.00	90.15 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	22,845.00	5.82 %
CAMPBELL FOUNDRY CO (HARRISON)	HUDSON	12,924.00	3.29 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	1,820.01	0.46 %
METALLIX INC (JERSEY CITY)	HUDSON	534.00	0.14 %
AMERADA HESS CORP. (NEWARK)	ESSEX	141.00	0.04 %
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	99.00	0.03 %
AKCROS CHEMICALS AMERICA (NEW BRUNSWICK)	MIDDLESEX	70.00	0.02 %
BASF CORPORATION (BELVIDERE)	WARREN	37.00	0.01 %
EMD CHEMICALS INC. (GREENWICH TOWNSHIP)	GLOUCESTER	32.00	0.01 %
Sum of Top Ten:		392,302.01	99.97 %
Sum Other:		136.05	0.03 %
Sum All:		392,438.06	100.00 %

Top 10 Individual Reports of Off-site Transfers for Treatment in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Treatment
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	LEAD & COMPOUNDS	353,800
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD & COMPOUNDS	22,832
CAMPBELL FOUNDRY CO (HARRISON)	HUDSON	LEAD & COMPOUNDS	12,924
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	HEXACHLOROBENZENE	1,820
METALLIX INC (JERSEY CITY)	HUDSON	LEAD & COMPOUNDS	534
AMERADA HESS CORP. (NEWARK)	ESSEX	POLYCYCLIC AROMATIC COMPOUNDS	140
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	LEAD & COMPOUNDS	99
AKCROS CHEMICALS AMERICA (NEW BRUNSWICK)	MIDDLESEX	LEAD & COMPOUNDS	70
BASF CORPORATION (BELVIDERE)	WARREN	LEAD & COMPOUNDS	37
EMD CHEMICALS INC. (GREENWICH TOWNSHIP)	GLOUCESTER	MERCURY & COMPOUNDS	32

Top Tens (Off-site Transfers for Disposal) - PBTs

All Substances Transferred Off-site for Disposal in 2001

CAS Number	Substance Name	Waste Transfer - Disposal	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	627,581.79	99.83 %
7439-97-6 & N458	MERCURY & COMPOUNDS	490.98	0.08 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	386.64	0.06 %
118-74-1	HEXACHLOROBENZENE	74.60	0.01 %
57-74-9	CHLORDANE	50.30	0.01 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	38.35	0.01 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	20.53	0.00 %
191-24-2	BENZO(G,H,I)PERYLENE	7.36	0.00 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	0.30	0.00 %
72-43-5	METHOXYCHLOR	0.10	0.00 %
76-44-8	HEPTACHLOR	0.10	0.00 %
Sum of Top Ten:		628,651.04	100.00 %
Sum Other:		0	0.00 %
Sum All:		628,651.04	100.00 %

Top 10 Facilities Transferring Off-site for Disposal in 2001

Facility Name (City)	County	Waste Transfer - Disposal	% of Total
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	300,360	47.78 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	63,897	10.16 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	45,528	7.24 %
SPAULDING COMPANY INC (CLIFTON)	PASSAIC	40,520	6.45 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	33,516	5.33 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	31,162	4.96 %
OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP)	MIDDLESEX	29,800	4.74 %
GLACIER GARLOCK BEARINGS, L.L.C. (THOROFARE)	GLOUCESTER	25,565	4.07 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	24,673	3.92 %
OMG FIDELITY, INC. (NEWARK)	ESSEX	4,720	0.75 %
Sum of Top Ten:		599,741	95.40 %
Sum Other:		28,910	4.60 %
Sum All:		628,651	100.00 %

Top 10 Individual Reports of Off-site Transfers for Disposal in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Disposal
CLEAN EARTH OF NEW JERSEY (KEARNY)	HUDSON	LEAD & COMPOUNDS	300,360
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD & COMPOUNDS	63,897
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	45,495
SPAULDING COMPANY INC (CLIFTON)	PASSAIC	LEAD & COMPOUNDS	40,520
RHEIN CHEMIE CORP. (TRENTON)	MERCER	LEAD & COMPOUNDS	33,516
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD & COMPOUNDS	31,021
OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP)	MIDDLESEX	LEAD & COMPOUNDS	29,800
GLACIER GARLOCK BEARINGS, L.L.C. (THOROFARE)	GLOUCESTER	LEAD & COMPOUNDS	25,565
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD & COMPOUNDS	24,673
OMG FIDELITY, INC. (NEWARK)	ESSEX	LEAD & COMPOUNDS	4,720

Top Tens (On-site Management) - PBTs

Top 10 Substances Managed NPO On-site in 2001

CAS Number	Substance Name	On-Site Management	Percentage
118-74-1	HEXACHLOROBENZENE	79,074	28.47 %
57-74-9	CHLORDANE	74,724	26.90 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	45,924	16.53 %
7439-92-1 & N420	LEAD & COMPOUNDS	41,289	14.86 %
76-44-8	HEPTACHLOR	32,858	11.83 %
72-43-5	METHOXYCHLOR	2,755	0.99 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	483	0.17 %
1582-09-8	TRIFLURALIN	202	0.07 %
191-24-2	BENZO(G,H,I)PERYLENE	178	0.06 %
309-00-2	ALDRIN	148	0.05 %
Sum:		277,635	99.94 %
Sum Other:		156	0.06 %
Sum All:		277,791	100.00 %

Top 10 Facilities Managing NPO On-site in 2001

Facility Name (City)	County	On-Site Management	Percentage
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	209,839	75.54 %
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	31,265	11.25 %
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	16,744	6.03 %
CROMPTON CORPORATION (PERTH AMBOY)	MIDDLESEX	8,106	2.92 %
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	4,900	1.76 %
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	2,651	0.95 %
BREEN COLOR CONCENTRATES INC (WEST AMWELL TWP)	HUNTERDON	1,457	0.52 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	1,162	0.42 %
GARDNER ASPHALT CORPORATION (KEARNY)	HUDSON	631	0.23 %
ADVANCED CERAMETRICS INC. (LAMBERTVILLE)	HUNTERDON	530	0.19 %
Sum of Top Ten:		277,285	99.82 %
Sum Other:		506	0.18 %
Sum All:		277,791	100.00 %

Top 10 Individual Reports of On-site NPO Management in 2001

Facility Name (City)	County	Substance Name	On-Site Management
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	HEXACHLOROBENZENE	78,511.00
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	CHLORDANE	74,451.00
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	HEPTACHLOR	32,858.00
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	LEAD & COMPOUNDS	31,347.00
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	POLYCYCLIC AROMATIC COMPOUNDS	20,477.00
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	POLYCYCLIC AROMATIC COMPOUNDS	16,566.00
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	LEAD & COMPOUNDS	14,648.00
CROMPTON CORPORATION (PERTH AMBOY)	MIDDLESEX	POLYCYCLIC AROMATIC COMPOUNDS	8,132.00
RHEIN CHEMIE CORP. (TRENTON)	MERCER	LEAD & COMPOUNDS	5,978.00
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	LEAD & COMPOUNDS	4,900.00

Top Tens (On-site Recycling) - PBTs

All Substances Recycled On-site in 2001

CAS Number	Substance Name	Recycled & Reused on-site	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	41,206.00	98.46 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	646.44	1.54 %
191-24-2	BENZO(G,H,I)PERYLENE	0.13	0.00 %
Sum of Top Ten:		41,852.57	100.00 %
Sum Other:		0	0.00 %
Sum All:		41,852.57	100.00 %

Top 10 Facilities Recycling On-site in 2001

Facility Name (City)	County	Recycled & Reused on-site	% of Total
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	31,265	74.70 %
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	4,900	11.71 %
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	2,651	6.33 %
BREEN COLOR CONCENTRATES INC (WEST AMWELL TWP)	HUNTERDON	1,457	3.48 %
GARDNER ASPHALT CORPORATION (KEARNY)	HUDSON	631	1.51 %
ADVANCED CERAMETRICS INC. (LAMBERTVILLE)	HUNTERDON	530	1.27 %
HEAT TIMER CORP. (FAIRFIELD)	ESSEX	187	0.45 %
SL SURFACE TECHNOLOGIES INC (CAMDEN)	CAMDEN	150	0.36 %
THE SHERWIN-WILLIAMS COMPANY (EDISON)	MIDDLESEX	60	0.14 %
CHEVRON PRODUCTS COMPANY (PERTH AMBOY)	MIDDLESEX	13	0.03 %
Sum of Top Ten:		41,844	99.98 %
Sum Other:		8	0.02 %
Sum All:		41,853	100.00 %

Top 10 Individual Reports of On-site Recycling in 2001

Facility Name (City)	County	Substance Name	Recycled & Reused on-site
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	LEAD & COMPOUNDS	31,265.00
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	LEAD & COMPOUNDS	4,900.00
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	LEAD & COMPOUNDS	2,651.00
BREEN COLOR CONCENTRATES INC (WEST AMWELL TWP)	HUNTERDON	LEAD & COMPOUNDS	1,457.00
GARDNER ASPHALT CORPORATION (KEARNY)	HUDSON	POLYCYCLIC AROMATIC COMPOUNDS	631.00
ADVANCED CERAMETRICS INC. (LAMBERTVILLE)	HUNTERDON	LEAD & COMPOUNDS	530.00
HEAT TIMER CORP. (FAIRFIELD)	ESSEX	LEAD & COMPOUNDS	187.00
SL SURFACE TECHNOLOGIES INC (CAMDEN)	CAMDEN	LEAD & COMPOUNDS	150.00
THE SHERWIN-WILLIAMS COMPANY (EDISON)	MIDDLESEX	LEAD & COMPOUNDS	60.00
CHEVRON PRODUCTS COMPANY (PERTH AMBOY)	MIDDLESEX	POLYCYCLIC AROMATIC COMPOUNDS	13.00

Top Reports (On-site Energy Recovery) - PBTs

All Substances Destroyed On-site for Energy Recovery in 2001

CAS Number	Substance Name	Energy Recovered on-site	% of Total
N590	POLYCYCLIC AROMATIC COMPOUNDS	24,672	99.28 %
191-24-2	BENZO(G,H,I)PERYLENE	178	0.72 %
Sum of Top Ten:		24,850	100.00 %
Sum Other:		0	0.00 %
Sum All:		24,850	100.00 %

All Facilities Destroying On-site for Energy Recovery in 2001

Facility Name (City)	County	Energy Recovered on-site	% of Total
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	16,744	67.38 %
CROMPTON CORPORATION (PERTH AMBOY)	MIDDLESEX	8,106	32.62 %
Sum of Top Ten:		24,850	100.00 %
Sum Other:		0	0.00 %
Sum All:		24,850	100.00 %

All Individual Reports of On-site Energy Recovery in 2001

Facility Name (City)	County	Substance Name	Energy Recovered on-site
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	POLYCYCLIC AROMATIC COMPOUNDS	16,566
CROMPTON CORPORATION (PERTH AMBOY)	MIDDLESEX	POLYCYCLIC AROMATIC COMPOUNDS	8,106
POLYONE CORPORATION (BURLINGTON TWP)	BURLINGTON	BENZO(G,H,I)PERYLENE	178

Top Tens (Destroyed On-site) - PBTs

Top 10 Substances Destroyed On-site in 2001

CAS Number	Substance Name	Destroyed On-site	% of Total
118-74-1	HEXACHLOROBENZENE	79,074	37.46 %
57-74-9	CHLORDANE	74,724	35.40 %
76-44-8	HEPTACHLOR	32,858	15.57 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	20,606	9.76 %
72-43-5	METHOXYCHLOR	2,755	1.31 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	483	0.23 %
1582-09-8	TRIFLURALIN	202	0.10 %
309-00-2	ALDRIN	148	0.07 %
465-73-6	ISODRIN	111	0.05 %
7439-92-1 & N420	LEAD & COMPOUNDS	83	0.04 %
Sum of Top Ten:		211,044	99.98 %
Sum Other:		45	0.02 %
Sum All:		211,089	100.00 %

All Facilities That Destroyed NPO On-site in 2001

Facility Name (City)	County	Destroyed On-site	% of Total
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	209,839.00	99.41 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	1,162.00	0.55 %
GLASSEAL PRODUCTS INC (LAKEWOOD)	OCEAN	83.00	0.04 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	3.53	0.00 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	1.00	0.00 %
Sum of Top Ten:		211,088.53	100.00 %
Sum Other:		0	0.00 %
Sum All:		211,088.53	100.00 %

Top 10 Individual Reports of NPO Destroyed On-site in 2001

Facility Name (City)	County	Substance Name	Destroyed On-site
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	HEXACHLOROBENZENE	78,511
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	CHLORDANE	74,451
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	HEPTACHLOR	32,858
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	POLYCYCLIC AROMATIC COMPOUNDS	20,477
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	METHOXYCHLOR	2,755
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HEXACHLOROBENZENE	562
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	TOXAPHENE [CAMPHECHLOR]	483
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLORDANE	273
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	TRIFLURALIN	202
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	ALDRIN	148

Top Tens (Use) - PBTs (100%)

All PBT Substances Used in 2001

CAS Number	Substance Name	Calculated Use	Percentage
7439-92-1 & N420	LEAD & COMPOUNDS	141,088,534.74	58.93 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	94,825,984.74	39.61 %
191-24-2	BENZO(G,H,I)PERYLENE	3,289,655.02	1.37 %
118-74-1	HEXACHLOROBENZENE	87,202.00	0.04 %
57-74-9	CHLORDANE	75,292.50	0.03 %
76-44-8	HEPTACHLOR	32,860.40	0.01 %
7439-97-6 & N458	MERCURY & COMPOUNDS	18,924.55	0.01 %
72-43-5	METHOXYCHLOR	2,755.30	0.00 %
40487-42-1	PENDIMETHALIN	541.00	0.00 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	483.40	0.00 %
1582-09-8	TRIFLURALIN	227.00	0.00 %
309-00-2	ALDRIN	148.00	0.00 %
465-73-6	ISODRIN	111.00	0.00 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	79.51	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	63.87	0.00 %
608-93-5	PENTACHLOROBENZENE	60.20	0.00 %
Sum of Top Ten:		239,422,923.23	100.00 %
Sum Other:		0	0.00 %
Sum All:		239,422,923.23	100.00 %

Top 20 Facilities for PBT Use in 2001

Facility Name (City)	County	Calculated Use	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	63,995,429	26.73 %
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	50,388,067	21.05 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	22,071,176	9.22 %
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	20,335,176	8.49 %
PG&E GENERATING (CARNEYS POINT)	SALEM	15,029,057	6.28 %
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	11,662,542	4.87 %
COASTAL OIL NEW YORK INC (BAYONNE)	HUDSON	6,799,799	2.84 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	6,476,572	2.71 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	5,845,935	2.44 %
AMERADA HESS CORP. (PENNSAUKEN)	CAMDEN	5,550,760	2.32 %
AMERADA HESS (BAYONNE)	HUDSON	4,272,408	1.78 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	3,808,996	1.59 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	3,277,300	1.37 %
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	2,634,021	1.10 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	2,535,583	1.06 %
KOCH MATERIALS CO (GLOUCESTER CITY)	CAMDEN	1,920,578	0.80 %
POLYONE CORP (HOWELL TWP)	MONMOUTH	1,480,230	0.62 %
AMERADA HESS CORP. (PERTH AMBOY)	MIDDLESEX	1,350,632	0.56 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	1,103,702	0.46 %
AMERADA HESS (BOGOTA)	BERGEN	828,698	0.35 %
Sum of Top Ten:		231,366,661	96.64 %
Sum Other:		8,056,262	3.36 %
Sum All:		239,422,923	100.00 %

Last Updated 12/23/2003

Top Twenties (Consumed in Process) - PBTs

All PBT Substances Consumed in Process in 2001

CAS Number	Substance Name	Consumed	% of Total
N590	POLYCYCLIC AROMATIC COMPOUNDS	30,841,364.81	92.26 %
191-24-2	BENZO(G,H,I)PERYLENE	2,564,996.33	7.67 %
7439-92-1 & N420	LEAD & COMPOUNDS	22,034.00	0.07 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	0.16	0.00 %
Sum:		33,428,395	100.00 %

Top 20 Facilities for Consumed in Process in 2001

Facility Name (City)	County	Consumed	% of Total
PG&E GENERATING (CARNEYS POINT)	SALEM	15,027,160	44.95 %
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	11,660,831	34.88 %
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	2,634,001	7.88 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	2,632,415	7.87 %
PUBLIC SERVICE ELECTRIC & GAS CO. (SEWAREN)	MIDDLESEX	445,864	1.33 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	276,888	0.83 %
MANNINGTON MILLS INC (MANNINGTON TWP)	SALEM	166,858	0.50 %
GARDEN STATE PAPER COMPANY LLC (GARFIELD)	BERGEN	141,453	0.42 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	130,337	0.39 %
PSE&G/KEARNY GENERATING STATION (KEARNY)	HUDSON	93,536	0.28 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	37,685	0.11 %
VINELAND CITY (VINELAND CITY)	CUMBERLAND	28,601	0.09 %
SIMKINS INDUSTRIES INC (RIDGEFIELD)	BERGEN	24,454	0.07 %
FIBERMARK - WARREN GLEN MILL (BLOOMSBURY)	HUNTERDON	20,300	0.06 %
SYBRON CHEMICALS INC NEW (PEMBERTON TWP)	BURLINGTON	19,961	0.06 %
PNEUMO ABEX CORPORATION (CAMDEN)	CAMDEN	19,191	0.06 %
POLYONE CORPORATION (FRANKLIN TWP)	SOMERSET	19,059	0.06 %
BASF CORPORATION DEL (SOUTH BRUNSWICK TWP)	MIDDLESEX	16,490	0.05 %
ASTARIS LLC, ATTN: JAMES WADON (CARTERET)	MIDDLESEX	7,482	0.02 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	6,054	0.02 %
Sum of Top Twenty:		33,408,619	99.94 %
Sum Other:		19,776	0.06 %
Sum All:		33,428,395	100.00 %

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Top Twenties (Shipped as or in Product) - PBTs

All PBT Substances Shipped as(or in) Product in 2001

CAS Number	Substance Name	Shipped in/or as Product	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	125,424,001.62	65.98 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	63,929,682.91	33.63 %
191-24-2	BENZO(G,H,I)PERYLENE	724,411.92	0.38 %
7439-97-6 & N458	MERCURY & COMPOUNDS	13,706.15	0.01 %
118-74-1	HEXACHLOROBENZENE	5,917.00	0.00 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	11.40	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	3.08	0.00 %
Sum:		190,097,734	100.00 %

Top 20 Facilities Shipping PBT Substances as(or in) Product in 2001

Facility Name (City)	County	Shipped in/or as Product	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	51,758,430	27.23 %
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	50,386,655	26.51 %
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	20,333,244	10.70 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	19,438,559	10.23 %
COASTAL OIL NEW YORK INC (BAYONNE)	HUDSON	6,799,774	3.58 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	5,804,412	3.05 %
AMERADA HESS CORP. (PENNSAUKEN)	CAMDEN	5,550,712	2.92 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	5,461,149	2.87 %
AMERADA HESS (BAYONNE)	HUDSON	4,272,403	2.25 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	3,807,050	2.00 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	3,200,000	1.68 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	2,377,609	1.25 %
KOCH MATERIALS CO (GLOUCESTER CITY)	CAMDEN	1,919,980	1.01 %
POLYONE CORP (HOWELL TWP)	MONMOUTH	1,478,390	0.78 %
AMERADA HESS CORP. (PERTH AMBOY)	MIDDLESEX	1,350,627	0.71 %
AMERADA HESS (BOGOTA)	BERGEN	828,693	0.44 %
CARY COMPOUNDS LLC (DAYTON)	MIDDLESEX	618,903	0.33 %
FIVE ROSES COMPANY L L C (JERSEY CITY)	HUDSON	598,195	0.31 %
AMERADA HESS CORP (EDGEWATER)	BERGEN	550,274	0.29 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	538,299	0.28 %
Sum of Top Twenty:		187,073,358	98.41 %
Sum Other:		3,024,376	1.59 %
Sum All:		190,097,734	100.00 %

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Top Twenties (Brought On-site) - PBTs

All PBT Substances Brought On-site in 2001

CAS Number	Substance Name	Brought on Site	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	140197811.00	58.10 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	97513713.57	40.41 %
191-24-2	BENZO(G,H,I)PERYLENE	3371567.39	1.40 %
118-74-1	HEXACHLOROBENZENE	76583.00	0.03 %
57-74-9	CHLORDANE	71128.50	0.03 %
76-44-8	HEPTACHLOR	29709.40	0.01 %
7439-97-6 & N458	MERCURY & COMPOUNDS	26684.73	0.01 %
72-43-5	METHOXYCHLOR	2327.30	0.00 %
8001-35-2	TOXAPHENE [CAMPHECHLOR]	371.40	0.00 %
40487-42-1	PENDIMETHALIN	356.00	0.00 %
1582-09-8	TRIFLURALIN	223.00	0.00 %
309-00-2	ALDRIN	124.00	0.00 %
465-73-6	ISODRIN	104.00	0.00 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	61.10	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	17.74	0.00 %
Sum:		241,290,782.13	100.00 %

Top 20 Facilities Bringing PBT Substances On-site in 2001

Facility Name (City)	County	Brought on Site	% of Total
DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK)	MIDDLESEX	63,995,429	26.52 %
CO-STEEL SAYREVILLE (SAYREVILLE)	MIDDLESEX	51,179,988	21.21 %
BP PRODUCTS NORTH AMERICA INC. (NEWARK)	ESSEX	22,471,569	9.31 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	22,032,544	9.13 %
PG&E GENERATING (CARNEYS POINT)	SALEM	15,700,906	6.51 %
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	11,775,210	4.88 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	6,507,451	2.70 %
COASTAL OIL NEW YORK INC (BAYONNE)	HUDSON	6,008,729	2.49 %
THE OKONITE CO, INC (PATERSON)	PASSAIC	5,742,295	2.38 %
AMERADA HESS CORP. (PENNSAUKEN)	CAMDEN	5,653,916	2.34 %
AMERADA HESS (BAYONNE)	HUDSON	4,240,380	1.76 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	3,856,215	1.60 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	3,300,000	1.37 %
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	2,872,809	1.19 %
RHEIN CHEMIE CORP. (TRENTON)	MERCER	2,459,585	1.02 %
KOCH MATERIALS CO (GLOUCESTER CITY)	CAMDEN	1,904,117	0.79 %
AMERADA HESS CORP. (PERTH AMBOY)	MIDDLESEX	1,812,659	0.75 %
POLYONE CORP (HOWELL TWP)	MONMOUTH	1,238,203	0.51 %
AMERADA HESS (BOGOTA)	BERGEN	818,661	0.34 %
AMERADA HESS CORP (EDGEWATER)	BERGEN	624,615	0.26 %
Sum of Top Twenty:		234,195,281	97.06 %
Sum Other:		7,095,501	2.94 %
Sum All:		241,290,782	100.00 %

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Top Twenties (Manufactured) - PBTs

All PBT Substances Manufactured in 2001

CAS Number	Substance Name	Manufactured	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	1,218,997.00	99.30 %
118-74-1	HEXACHLOROBENZENE	6,820.00	0.56 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	1,207.95	0.10 %
7439-97-6 & N458	MERCURY & COMPOUNDS	418.90	0.03 %
608-93-5	PENTACHLOROBENZENE	60.20	0.00 %
N150	DIOXIN AND DIOXIN-LIKE COMPOUNDS	44.91	0.00 %
191-24-2	BENZO(G,H,I)PERYLENE	40.75	0.00 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	16.51	0.00 %
Sum:		1,227,606.22	100.00 %

Top 20 Facilities Manufacturing PBT Substances in 2001

Facility Name (City)	County	Manufactured	% of Total
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	633,209	51.58 %
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	356,250	29.02 %
UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON)	BURLINGTON	136,282	11.10 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	53,264	4.34 %
STATE METAL INDUSTRIES, INC. (CAMDEN)	CAMDEN	35,790	2.92 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	6,820	0.56 %
PG&E GENERATING (CARNEYS POINT)	SALEM	1,898	0.15 %
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	1,711	0.14 %
ALLIED MANUFACTURING INC. (PATERSON)	PASSAIC	1,056	0.09 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	241	0.02 %
MERCK & CO INC (RAHWAY)	UNION	228	0.02 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	210	0.02 %
FORD MOTOR COMPANY (EDISON)	MIDDLESEX	149	0.01 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	146	0.01 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	145	0.01 %
PUBLIC SERVICE ELECTRIC & GAS CO. (SEWAREN)	MIDDLESEX	62	0.01 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	40	0.00 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	40	0.00 %
RELIANT ENERGY NEW JERSEY (MILFORD BORO)	HUNTERDON	22	0.00 %
PUBLIC SERVICE ELECTRIC & GAS CO (LINDEN)	UNION	15	0.00 %
Sum of Top Twenty:		1,227,579	100.00 %
Sum Other:		28	0.00 %
Sum All:		1,227,606	100.00 %

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