



Appendix G-2

2006 RPPR Annual Report

Summary of 2006 Materials Accounting Data

Cancer-Causing Substances (Carcinogens)

Appendix to
**The Release and Pollution Prevention
and Community Right To Know Annual Report
for
Reporting Years 2005 & 2006**

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Summary

There are at least 172 chemicals and compound categories on the TRI Toxic Chemical list that have potential links to causing cancer. These chemicals have been identified through the Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration (OSHA). Other substances on the TRI list have also been identified as carcinogens through reviews of toxicology research conducted by various federal and state agencies but are not identified as such on the TRI list. The NJDEP assesses potential cancer risks from releases of these chemicals to the environment in its regulatory decisions, such as developing air and water permit limits for sources that release such substances.

There were 302 facilities that submitted 629 reports on 66 carcinogens for RY 2006. Use of carcinogenic substances was almost 5 billion pounds for 2006 (a 33% drop in Use from 2005). Ethylbenzene was #1 in Use for 2006. The top 10 substances accounted for more than 95% of total Use and the top 20 accounted for 99.5% of all carcinogen Use.. Use of carcinogens was largely dominated by facilities in the petroleum refining and marketing industry groups.

Environmental releases of carcinogens are of particular concern due to the nature of their potential impacts on human health. Human exposure to carcinogens may also occur at facilities during the handling and processing of these substances as raw materials and products, as well as during waste management operations both on site and off site. The data show that of the Use quantity for carcinogens, 0.6% was generated as NPO for 2006.

Of the carcinogen NPO for 2006, 2.6% was released to the environment from on-site sources, 27.1% was managed on site, and 70.3% was transferred off site for further waste management. Of all 2006 carcinogen NPO, 76% (almost 21 million pounds) was reported as on-site or off-site recycling.

Statewide Materials Accounting Summary¹ – 2006 RPPR Carcinogens

	2006
Number of Facilities	302
Number of Substance Reports	629
Starting Inventory	333,090,843
Starting Inventory as NPO	256,529
Manufactured	1,580,793,662
Brought on Site	3,274,541,740
Brought on Site as Recycled	46,666,531
Consumed	1,266,281,766
Shipped	3,701,964,535
Ending Inventory	203,149,041
Ending Inventory as NPO	221,008
NPO	27,612,585
On-Site Releases	731,474
Stack Air Emissions	468,602
Fugitive Air Emissions	142,091
Surface Water Discharge	61,184
Ground Water Discharge	0
Land Disposal on-site	59,598
On-Site Management	7,502,806
Recycled & Reused on-site	4,569,363
Energy Recovered on-site	1,969
Destroyed on-site	2,931,474
EI (as NPO) - SI (as NPO)	35521
Off-Site Transfers	19,413,826
POTW Discharge	231,733
Waste Transfer - Recycling	16,418,254
Waste Transfer - Energy Recovery	1,674,689
Waste Transfer - Treatment	575,288
Waste Transfer - Disposal	513,765
Total Substance USE or Throughput	4,995,858,886

1. All quantities are reported in pounds per year, except for “# of Facilities” and “# of Reports”

Throughput Data Summary¹ by County – 2006 RPPR Carcinogens

COUNTY	# of Facilities	# of Reports	I N P U T S				O U T P U T S				USE
			Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped as (or in) Product	Ending Inventory	Nonproduct Output	
ATLANTIC	7	7	26,012	0	373,657	0	329,542	373	25,528	44,237	374,152
BERGEN	28	46	1,591,568	0	39,718,891	21,383	9,149,684	27,782,715	2,594,400	1,724,778	38,657,177
BURLINGTON	21	40	4,107,546	271,984	103,604,956	140,138	99,027,091	4,468,157	3,290,486	1,310,067	104,805,314
CAMDEN	12	21	7,588,602	0	299,057,304	133	0	302,771,762	3,866,752	11,329	302,783,091
CAPE MAY	1	7	80,433	72	174,643	0	101,308	47,814	88,396	17,648	166,770
CUMBERLAND	5	8	70,577	8	550,428	325	467,891	17,661	59,603	75,973	561,525
ESSEX	24	52	6,831,537	0	111,684,018	0	8,620,928	106,145,806	4,204,525	140,471	114,907,205
GLOUCESTER	17	56	64,633,992	573,118,708	734,774,580	0	469,521,843	862,168,093	39,062,847	1,880,153	1,333,570,089
HUDSON	16	31	1,585,932	210	32,098,739	1,380,995	596,928	31,229,608	1,725,487	1,535,587	33,362,123
HUNTERDON	7	13	113,925	0	802,649	771	0	639,408	125,561	146,189	785,597
MERCER	8	16	162,023	207	502,305	500	36,399	344,702	192,186	95,004	476,105
MIDDLESEX	53	113	120,983,594	46,582,451	498,682,698	2,529,031	105,308,018	522,137,366	33,188,766	11,693,066	639,138,450
MONMOUTH	6	6	90,923	0	5,503,609	19,560	0	5,182,673	407,036	33,366	5,216,039
MORRIS	20	33	5,735,472	0	29,836,898	470,832	3,575,879	22,707,548	5,660,697	4,097,748	30,381,175
OCEAN	4	4	1,289	0	89,540	2,686	24,203	33,780	8,522	26,203	84,186
PASSAIC	23	31	1,523,075	67	20,681,931	234	923,716	18,781,606	1,636,686	952,846	20,658,168
SALEM	10	48	10,294,566	37,835,310	434,018,009	46	472,319,047	65,607	7,787,409	1,501,173	473,885,828
SOMERSET	7	17	1,580,855	1,437	14,984,503	0	5,271,036	9,316,410	1,309,036	777,944	15,365,391
SUSSEX	1	1	32,827	0	37,228	0	0	0	44,782	27,040	27,040
UNION	25	62	103,882,776	922,983,209	857,131,528	1,588	3,607,645	1,786,327,983	95,030,660	1,201,438	1,791,137,066
WARREN	7	17	2,173,320	0	90,233,627	1,141	87,400,608	1,795,463	2,839,677	320,325	89,516,396
SUM:	302	629	333,090,843	1,580,793,662	3,274,541,740	4,569,363	1,266,281,766	3,701,964,535	203,149,041	27,612,585	4,995,858,886

1. All quantities are reported in pounds per year, except for “# of Facilities” and “# of Reports.”

Releases and Transfers Data Summary¹ by County – 2006 RPPR

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	COUNTY
ATLANTIC	32,429	10,089	0	0	0	42,518	0	0	1,318	401	0	1,719	ATLANTIC
BERGEN	9,112	852	0	0	0	9,964	759	1,617,551	20,894	48,062	1,648	1,688,914	BERGEN
BURLINGTON	129,145	9,963	1,182	0	0	140,289	2,658	126,835	11,411	65,798	82,073	288,774	BURLINGTON
CAMDEN	1,945	2,126	4	0	0	4,075	14	5,736	0	25	1,180	6,955	CAMDEN
CAPE MAY	1,439	2	274	0	0	1,715	0	15,933	0	0	0	15,933	CAPE MAY
CUMBERLAND	48,128	29	20	0	0	48,178	0	233	9,108	0	18,158	27,499	CUMBERLAND
ESSEX	3,711	1,582	9	0	0	5,302	30,457	29,822	22,189	917	46,412	129,798	ESSEX
GLOUCESTER	47,052	26,989	10,201	0	0	84,243	334	82,203	960,983	67,510	43,646	1,154,676	GLOUCESTER
HUDSON	2,249	857	2,350	0	0	5,455	4	56,863	1,763	3,322	65,879	127,831	HUDSON
HUNTERDON	31	19	8	0	0	58	0	128,034	0	0	17,607	145,641	HUNTERDON
MERCER	2,246	821	3,526	0	0	6,593	2	5,760	8,373	236	1,157	15,528	MERCER
MIDDLESEX	43,124	11,032	662	0	10,021	64,838	19,099	8,406,475	139,861	310,358	9,486	8,885,278	MIDDLESEX
MONMOUTH	2,320	0	0	0	0	2,320	1	5,758	0	375	1,240	7,374	MONMOUTH
MORRIS	6,816	256	4	0	0	7,076	32	3,549,146	27,941	628	42,291	3,620,038	MORRIS
OCEAN	3,000	10	0	0	0	3,010	1	5	3,283	620	0	3,909	OCEAN
PASSAIC	1,324	460	0	0	0	1,784	29	870,667	0	1,095	11,911	883,701	PASSAIC
SALEM	74,407	10,194	39,838	0	41,862	166,301	391	102	322,673	47,986	76,122	447,274	SALEM
SOMERSET	537	1,332	0	0	7,715	9,585	323	742,886	19,317	3,103	551	766,179	SOMERSET
SUSSEX	2,553	14,520	0	0	0	17,073	0	8,193	0	0	0	8,193	SUSSEX
UNION	39,972	46,615	1,502	0	0	88,089	177,630	722,919	51,158	2,451	28,015	982,172	UNION
WARREN	17,062	4,341	1,605	0	0	23,008	0	43,133	74,417	22,400	66,391	206,438	WARREN
SUM:	468,602	142,091	61,184	0	59,598	731,474	231,733	16,418,254	1,674,689	575,288	513,765	19,413,826	

1. All quantities are reported in pounds per year.

Number of Facilities and Reports for Carcinogens by 3-Digit NAICS ¹ Group – 2006 RPPR ²

NAICS Code	Description	# of Facilities	# of Reports
221	Utilities	12	44
311	Food Manufacturing	2	2
313	Textile Mills	1	1
316	Leather and Allied Product Manufacturing	1	3
321	Wood Product Manufacturing	1	2
322	Paper Manufacturing	10	13
323	Printing and Related Support Activities	6	6
324	Petroleum and Coal Products Manufacturing	12	48
325	Chemical Manufacturing	79	176
326	Plastics and Rubber Products Manufacturing	20	30
327	Nonmetallic Mineral Product Manufacturing	16	20
331	Primary Metal Manufacturing	29	50
332	Fabricated Metal Product Manufacturing	28	48
333	Machinery Manufacturing	8	10
334	Computer and Electronic Product Manufacturing	24	24
335	Electrical Equipment, Appliance, and Component Mfg	10	11
336	Transportation Equipment Manufacturing	8	12
339	Miscellaneous Manufacturing	9	12
424	Merchant Wholesalers, Nondurable Goods	21	111
493	Warehousing and Storage ³	1	1
511	Publishing Industries (except Internet)	1	1
541	Professional, Scientific, and Technical Services	1	1
562	Waste Management and Remediation Services	2	3
Total:		302	629

1. NAICS – North American Industry Classification System
2. For business activity classification, the Standard Industrial Classification (SIC) code system was in effect for report year (RY) 2005. The NAICS groupings that are listed here were in effect for RY 2006 and are based on a facility's coding as of this report date.
3. Not a RPPR-covered NAICS code. The facilities that are in this NAICS group were covered in RY 2006 but have since changed business activity and are now codified outside the regulated groups.

Chemical Use, Nonproduct Output & On-Site Releases Summary for Carcinogens¹
by 3-Digit NAICS² Group – 2006 RPPR³

NAICS Code	# of Facilities	# of Reports	Use (pounds)	Nonproduct Output (pounds)	On-Site Releases (pounds)
424	22	112	2,105,563,319	811,959	72,533
325	79	176	1,972,989,680	3,810,401	258,904
324	13	49	593,915,274	230,968	67,614
326	20	30	194,053,709	861,551	85,250
335	10	11	51,581,807	8,534,403	1,460
331	29	50	38,490,209	8,509,815	4,803
221	12	44	16,092,130	55,649	11,628
336	8	12	12,574,142	1,916,264	157,445
332	28	48	3,115,486	783,551	33,433
321	1	2	2,830,340	12,161	82
339	9	12	2,244,546	1,437,657	2,681
333	8	10	1,259,336	58,517	2
327	16	20	344,598	53,326	24,490
322	10	13	239,285	66,069	7,623
313	1	1	136,806	136,806	3,420
511	1	1	121,534	121,534	0
316	1	3	116,053	47,270	0
562	2	3	82,941	82,941	35
334	23	23	45,320	30,536	7
311	2	2	34,079	25,161	62
323	6	6	27,656	26,046	0
541	1	1	636	1	1
Sum:	302	628	4,995,858,886	27,612,585	731,474

1. All quantities are reported in pounds per year, except for “# of Facilities” and “# of Reports.”
2. NAICS – North American Industry Classification System
3. For business activity classification, the Standard Industrial Classification (SIC) code system was in effect for report year (RY) 2005. The NAICS groupings that are listed here were in effect for RY 2006 and are based on a facility’s coding as of this report date.

Throughput Data Summary¹ for Carcinogens by NAICS Code – 2006 RPPR

NAICS CODE	# of Facilities	# of Records	INPUTS				OUTPUTS				USE
			Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped as (or in) Product	Ending Inventory	NPO	
221	12	44	3,631,359	27,235	15,077,977	0	15,738,051	298,429	2,769,565	55,649	16,092,130
311	2	2	6,957	0	34,486	0	8,845	73	7,735	25,161	34,079
313	1	1	7,350	0	143,993	0	0	0	14,537	136,806	136,806
316	1	3	3,174	0	111,389	0	5,335	63,448	169	47,270	116,053
321	1	2	729,703	0	2,669,797	0	0	2,818,179	581,321	12,161	2,830,340
322	10	13	4,955	24,100	217,027	537	12,261	160,955	5,977	66,069	239,285
323	6	6	25,261	67	9,223	21,883	0	1,610	25,549	26,046	27,656
324	12	49	102,447,135	199,977,202	310,716,858	79,715	9,479,977	584,204,329	22,793,016	230,968	593,915,274
325	79	176	88,885,220	1,018,232,975	942,705,148	164,191	652,164,530	1,317,014,750	78,203,961	3,810,401	1,972,989,680
326	20	30	3,034,144	0	194,517,261	816	169,967,950	23,224,208	3,505,257	861,551	194,053,709
327	16	20	119,222	1,437	346,650	341	54,349	236,923	122,331	53,326	344,598
331	29	50	6,647,766	155,305	33,988,811	3,828,744	38,120	29,942,274	6,181,545	8,509,815	38,490,209
332	28	48	458,147	0	3,091,271	0	557,542	1,774,393	430,766	783,551	3,115,486
333	8	10	68,376	0	1,282,157	0	188,805	1,012,014	90,898	58,517	1,259,336
334	23	23	22,996	0	43,406	948	0	14,784	23,661	30,536	45,320
335	10	11	123,387	0	51,617,133	0	0	43,047,404	248,476	8,534,403	51,581,807
336	8	12	2,796,084	0	12,471,804	469,595	663,372	9,994,506	3,163,352	1,916,264	12,574,142
339	9	12	51,805	0	2,252,190	2,033	39,773	767,116	65,659	1,437,657	2,244,546
424	22	112	123,980,333	362,375,341	1,703,037,532	560	417,362,855	1,687,388,504	84,867,988	811,959	2,105,563,319
511	1	1	40,252	0	120,930	0	0	0	39,648	121,534	121,534
541	1	1	5,358	0	196	0	0	635	4,918	1	636
562	2	3	1,859	0	86,502	0	0	0	2,715	82,941	82,941
SUM:	302	629	333,090,843	1,580,793,662	3,274,541,740	4,569,363	1,266,281,766	3,701,964,535	203,149,041	27,612,585	4,995,858,886

1. All quantities are reported in pounds per year, except for “# of Facilities” and “# of Reports”

Releases and Transfers Data Summary¹ for Carcinogens by NAICS Code – 2006 RPPR

NAICS CODE	# of Facilities	# of Records	Stack Air Emissions	Fugitive Air Emissions	Surface 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
221	12	44	4,461	998	6,169	0	11,628	0	23,209	0	2	20,839	44,050
311	2	2	62	0	0	0	62	1,039	23,225	0	0	0	24,264
313	1	1	3,420	0	0	0	3,420	31	119,293	4,304	9,758	0	133,386
316	1	3	0	0	0	0	0	899	0	0	0	46,371	47,270
321	1	2	19	63	0	0	82	1,669	0	10,410	0	0	12,079
322	10	13	7,590	32	1	0	7,623	17,330	43	0	620	6,316	24,309
323	6	6	0	0	0	0	0	0	5,663	0	1,542	127	7,332
324	13	49	37,552	11,267	8,774	10,021	67,614	17	19,640	0	569	10,149	30,375
325	79	176	129,849	43,056	44,138	41,862	258,904	209,515	390,486	1,426,985	278,301	72,711	2,377,997
326	20	30	76,984	8,192	74	0	85,250	396	2,327	0	3,212	2,247	8,182
327	16	20	564	16,212	0	7,715	24,490	265	5,674	0	0	23,593	29,532
331	29	50	4,304	488	11	0	4,803	380	4,032,684	176,965	271,729	154,786	4,636,641
332	28	48	17,372	16,053	8	0	33,433	22	363,852	15,733	317	56,721	436,645
333	8	10	2	0	0	0	2	54	12,354	27,941	0	18,716	59,065
334	23	23	6	1	0	0	7	3	27,401	0	648	40	28,092
335	10	11	1,441	15	4	0	1,460	7	8,534,820	0	0	317	8,535,144
336	8	12	149,750	7,695	0	0	157,445	27	1,269,118	10,426	1,701	7,952	1,289,224
339	9	12	2,661	20	0	0	2,681	4	1,416,873	0	0	612	1,417,489
424	22	112	32,564	37,965	2,004	0	72,533	76	46,611	991	3,928	17,559	69,165
511	1	1	0	0	0	0	0	0	121,534	0	0	0	121,534
541	1	1	1	0	0	0	1	0	0	0	0	0	0
562	2	3	0	34	2	0	35	0	3,447	934	2,960	74,709	82,050
SUM:	302	629	468,602	142,091	61,184	59,598	731,474	231,733	16,418,254	1,674,689	575,288	513,765	19,413,826

1. All quantities are reported in pounds per year, except for “# of Facilities” and “# of Reports”

Releases and Transfers Data Summary for Carcinogens by Substance Name – 2006 RPPR
 (All quantities are reported in pounds per year, except for “# of Reports”)

CAS #	Chemical Name	# of Reports	Stack Air Emissions	Fugitive Air Emissions	Surface 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
106-88-7	1,2-BUTYLENE OXIDE	1	0	26	0	0	26	0	0	0	0	0	0
106-93-4	1,2-DIBROMOETHANE	1	246	0	6,593	0	6,839	0	0	0	0	0	0
107-06-2	1,2-DICHLOROETHANE	1	1	0	0	0	1	6	0	600	83	0	689
78-87-5	1,2-DICHLOROPROPANE	1	718	2,345	1,062	0	4,125	0	0	0	47,850	0	47,850
106-99-0	1,3-BUTADIENE	4	139	4,737	0	0	4,876	0	0	0	0	0	0
106-46-7	1,4-DICHLOROBENZENE	2	0	129	0	0	129	0	0	0	0	0	0
612-83-9	3,3-DICHLOROBENZIDINE DIHYDROCHLORIDE	1	0	0	0	0	0	0	0	0	0	0	0
101-14-4	4,4-METHYLENEBIS(2-CHLOROANILINE)	1	0	0	0	0	0	0	60	0	0	0	60
75-07-0	ACETALDEHYDE	2	140	20	3	0	163	0	0	6	1,219	0	1,225
79-06-1	ACRYLAMIDE	2	10	8	0	0	18	301	0	0	138	0	439
107-13-1	ACRYLONITRILE	3	67	46	0	0	113	0	0	170	7,194	0	7,364
107-05-1	ALLYL CHLORIDE	1	4	0	0	0	4	0	0	0	0	0	0
62-53-3	ANILINE (AND SALTS)	3	977	49	0	0	1,026	413	0	1,258	0	0	1,671
N020	ARSENIC COMPOUNDS	6	559	0	1,118	0	1,677	1	0	0	1	10,933	10,935
71-43-2	BENZENE	20	27,715	15,274	379	16	43,384	92	2,082	768	2,045	1,788	6,775
191-24-2	BENZO(G,H,I)PERYLENE	35	9	5	0	0	14	0	3	0	22	301	327
98-07-7	BENZOIC TRICHLORIDE	1	0	0	0	0	0	0	0	16,605	0	0	16,605
100-44-7	BENZYL CHLORIDE	2	1,533	1,342	114	170	3,159	0	0	766,438	6,556	0	772,994
7440-43-9	CADMIUM	1	0	0	0	0	0	0	2,951	0	0	125	3,076
N078	CADMIUM COMPOUNDS	2	5	0	0	0	5	1	0	0	185	11,383	11,569
120-80-9	CATECHOL	1	0	0	0	0	0	0	0	1,684	0	0	1,684
67-66-3	CHLOROFORM	3	6,787	0	0	0	6,787	17,559	0	11,721	1,328	0	30,608
74-87-3	CHLOROMETHANE	1	45,814	0	72	0	45,886	0	0	0	0	0	0
7440-47-3	CHROMIUM	20	801	60	4	0	865	16	1,639,616	5,458	375	14,030	1,659,495
N090	CHROMIUM COMPOUNDS	26	1,450	851	2,444	7,874	12,619	921	142,065	891	399	74,166	218,442
7440-48-4	COBALT	7	1,014	0	1	0	1,015	4	1,385,813	5,368	0	1,661	1,392,846

2006 RPPR G-2 Cancer-causing Substances

Data Last Updated 9/5/2008

Releases and Transfers Data Summary for Carcinogens by Substance Name – 2006 RPPR
 (All quantities are reported in pounds per year, except for “# of Reports”)

CAS #	Chemical Name	# of Reports	Stack Air Emissions	Fugitive Air Emissions	Surface 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
N096	COBALT COMPOUNDS	15	268	7	50	1,190	1,515	409	57,707	18	83	2,444	60,661
8001-58-9	CREOSOTE	2	19	4,857	0	30,415	35,291	1,590	0	9,420	0	0	11,010
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	11	2,608	206	17	2,718	5,549	0	86	1,641	130	1,416	3,273
25376-45-8	DIAMINOTOLUENE (MIXED ISOMERS)	1	0	0	0	0	0	0	0	0	0	0	0
25321-22-6	DICHLOROBENZENE (MIXED ISOMERS)	1	24	0	49	239	312	0	0	0	905	6	911
75-09-2	DICHLOROMETHANE	12	42,602	27,644	205	24	70,475	177,614	266,255	260,367	46,527	1,233	751,996
64-67-5	DIETHYL SULFATE	2	0	0	0	0	0	1	0	0	0	0	1
101-90-6	DIGLYCIDYL RESORCINOL ETHER	2	1	0	0	0	1	15	0	767	200	347	1,329
77-78-1	DIMETHYL SULFATE	1	0	0	0	0	0	0	0	0	0	0	0
106-89-8	EPICHLOROHYDRIN	3	1,102	401	26,588	112	28,203	29,455	928	0	11,236	0	41,619
140-88-5	ETHYL ACRYLATE	4	102	148	0	0	250	3	0	1,464	16,197	0	17,664
100-41-4	ETHYLBENZENE	41	22,683	12,891	233	736	36,543	15	1,427	439,216	51,525	1,283	493,466
75-21-8	ETHYLENE OXIDE	5	525	2,282	0	1	2,808	0	0	0	0	0	0
96-45-7	ETHYLENE THIOUREA	1	0	0	0	0	0	0	0	0	236	0	236
50-00-0	FORMALDEHYDE	11	2,753	112	0	32	2,897	0	0	1,609	837	0	2,446
118-74-1	HEXACHLOROBENZENE	3	5	1	13	82	101	0	0	0	2,958	125	3,083
67-72-1	HEXACHLOROETHANE	1	0	0	0	0	0	0	0	0	0	0	0
302-01-2	HYDRAZINE	4	5	0	1	0	6	0	0	0	0	0	0
7439-92-1	LEAD	68	1,600	756	6	5,062	7,424	30	1,205,425	0	44	91,480	1,297,077
N420	LEAD COMPOUNDS	86	3,414	249	1,019	995	5,677	36	8,650,892	970	312,323	162,079	9,126,300
1634-04-4	METHYL TERT-BUTYL ETHER	15	40,038	23,670	9,690	0	73,398	0	468	0	48	149	665
91-20-3	NAPHTHALENE	36	11,303	3,349	399	0	15,051	0	31,690	85,418	9,402	7,105	133,615
7440-02-0	NICKEL	26	1,703	51	114	0	1,868	1,384	2,761,017	17,115	0	32,219	2,811,735
N495	NICKEL COMPOUNDS	16	2,517	229	10,782	6,954	20,482	316	133,571	0	776	66,563	201,226
98-95-3	NITROBENZENE	1	3,473	0	40	136	3,649	0	0	0	1	19,668	19,669
90-04-0	O-ANISIDINE	1	0	0	0	0	0	0	0	0	0	0	0
N583	POLYCHLORINATED ALKANES	4	0	0	0	0	0	0	0	0	0	5,915	5,915
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	2	0	2	0	0	2	0	0	0	2,781	491	3,272
N590	POLYCYCLIC AROMATIC COMPOUNDS	44	704	455	44	2,518	3,720	79	78	990	84	4,577	5,808

2006 RPPR G-2 Cancer-causing Substances

Data Last Updated 9/5/2008

Releases and Transfers Data Summary for Carcinogens by Substance Name – 2006 RPPR
 (All quantities are reported in pounds per year, except for “# of Reports”)

CAS #	Chemical Name	# of Reports	Stack Air Emissions	Fugitive Air Emissions	Surface 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
75-55-8	PROPYLENEIMINE	1	50	860	0	0	910	0	0	0	0	0	0
75-56-9	PROPYLENE OXIDE	4	490	862	0	0	1,352	0	0	0	0	0	0
132-27-4	SODIUM O-PHENYLPHENOXIDE	1	0	1	0	0	1	0	0	0	0	13	13
100-42-5	STYRENE	23	154,826	13,117	69	0	168,012	7	0	18,739	4,504	0	23,250
127-18-4	TETRACHLOROETHYLENE [PERCHLOROETHYLENE]	1	0	103	0	0	103	0	0	0	500	0	500
584-84-9	TOLUENE-2,4-DIISOCYANATE	2	15	0	0	0	15	0	0	0	0	0	0
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	6	676	179	0	0	855	0	0	0	36,611	0	36,611
79-01-6	TRICHLOROETHYLENE	7	9,345	15,439	0	0	24,784	40	135,849	4,432	9,963	0	150,284
1582-09-8	TRIFLURALIN	1	3	6	0	324	333	0	0	0	0	0	0
108-05-4	VINYL ACETATE	10	56,121	457	0	0	56,578	1,425	271	21,556	0	2,190	25,442
75-01-4	VINYL CHLORIDE	3	21,639	8,865	74	0	30,578	0	0	0	21	74	95
SUM:		629	468,602	142,091	61,184	59,598	731,474	231,733	16,418,254	1,674,689	575,288	513,765	19,413,826

Top 20 Carcinogens for Chemical Use – 2006 RPPR

Top 20 Carcinogens Used

CAS Number	SUBSTANCE NAME	USE (pounds)	% of Total
100-41-4	ETHYLBENZENE	1,271,050,859	25.44 %
71-43-2	BENZENE	1,065,294,429	21.32 %
1634-04-4	METHYL TERT-BUTYL ETHER	962,256,250	19.26 %
91-20-3	NAPHTHALENE	657,374,259	13.16 %
75-01-4	VINYL CHLORIDE	458,077,512	9.17 %
108-05-4	VINYL ACETATE	84,269,512	1.69 %
7439-92-1 & N420	LEAD & COMPOUNDS	76,948,487	1.54 %
75-21-8	ETHYLENE OXIDE	73,710,686	1.48 %
100-44-7	BENZYL CHLORIDE	57,239,107	1.15 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	50,634,999	1.01 %
98-95-3	NITROBENZENE	37,559,887	0.75 %
100-42-5	STYRENE	32,895,992	0.66 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	28,564,061	0.57 %
75-56-9	PROPYLENE OXIDE	26,861,708	0.54 %
140-88-5	ETHYL ACRYLATE	24,458,820	0.49 %
7440-02-0 & N495	NICKEL & COMPOUNDS	24,343,835	0.49 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	16,892,113	0.34 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	10,855,808	0.22 %
75-09-2	DICHLOROMETHANE	8,038,117	0.16 %
7440-48-4 & N096	COBALT & COMPOUNDS	5,085,953	0.10 %
Sum of Top 20:		4,972,412,394	99.53 %
Sum Other:		23,446,492	0.47 %
Sum All:		4,995,858,886	100.00 %

Top 20 Facilities for Use of Carcinogens

FACILITY NAME (CITY)	COUNTY	USE (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	1,267,220,875	25.37 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	930,131,843	18.62 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	302,619,327	6.06 %
OXY VINYL S LP (PEDRICKTOWN)	SALEM	300,231,398	6.01 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	242,216,605	4.85 %
CONOCO PHILLIPS (LINDEN)	UNION	225,296,206	4.51 %
HESS CORPORATION (PORT READING)	MIDDLESEX	213,908,178	4.28 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	166,448,147	3.33 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	126,659,285	2.54 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	97,206,719	1.95 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	87,487,326	1.75 %
GULFOIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	85,853,862	1.72 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	84,549,738	1.69 %
GULFOIL LIMITED PARTNERSHIP (LINDEN)	UNION	81,811,449	1.64 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	77,349,471	1.55 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	69,228,212	1.39 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	63,934,560	1.28 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	57,105,307	1.14 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	46,514,840	0.93 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	45,451,555	0.91 %
Sum of Top 20:		4,571,224,902	91.50 %
Sum Other:		424,633,984	8.50 %
Sum All:		4,995,858,886	100.00 %

Top 20 Carcinogens Manufactured (Produced On Site) – 2006 RPPR

Top 20 Carcinogens Produced On Site

CAS Number	SUBSTANCE NAME	Produced On Site (pounds)	% of Total
100-41-4	ETHYLBENZENE	743,876,388	47.06 %
71-43-2	BENZENE	434,954,603	27.51 %
91-20-3	NAPHTHALENE	280,002,009	17.71 %
100-44-7	BENZYL CHLORIDE	57,367,535	3.63 %
98-95-3	NITROBENZENE	37,559,887	2.38 %
1634-04-4	METHYL TERT-BUTYL ETHER	12,257,782	0.78 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	9,573,460	0.61 %
106-99-0	1,3-BUTADIENE	4,495,416	0.28 %
62-53-3	ANILINE (AND SALTS)	192,447	0.01 %
7439-92-1 & N420	LEAD & COMPOUNDS	119,908	0.01 %
191-24-2	BENZO(G,H,I)PERYLENE	96,525	0.01 %
75-55-8	PROPYLENEIMINE	70,593	0.00 %
74-87-3	CHLOROMETHANE	60,724	0.00 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	47,066	0.00 %
101-90-6	DIGLYCIDYL RESORCINOL ETHER	46,086	0.00 %
67-66-3	CHLOROFORM	24,100	0.00 %
98-07-7	BENZOIC TRICHLORIDE	19,111	0.00 %
118-74-1	HEXACHLOROBENZENE	10,937	0.00 %
N020	ARSENIC COMPOUNDS	10,927	0.00 %
7440-02-0 & N495	NICKEL & COMPOUNDS	8,158	0.00 %
Sum of Top 20:		1,580,793,662	100.00 %
Sum Other:		0	0.00 %
Sum All:		1,580,793,662	100.00 %

Top 20 Facilities for Carcinogens Produced On Site

FACILITY NAME (CITY)	COUNTY	Produced On Site (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	922,903,116	58.38 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	362,295,248	22.92 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	152,794,061	9.67 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	57,386,646	3.63 %
HESS CORPORATION (PORT READING)	MIDDLESEX	46,558,311	2.95 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	37,815,597	2.39 %
CITGO ASPHALT REFINING CO. (WEST DEPTFORD TWP)	GLOUCESTER	624,798	0.04 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	155,305	0.01 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	80,092	0.01 %
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	70,593	0.00 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	46,086	0.00 %
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	24,100	0.00 %
CHAMBERS COGENERATION L. P. (CARNEYS POINT)	SALEM	19,693	0.00 %
SOLUTIONS INC. (BRIDGEPORT)	GLOUCESTER	10,937	0.00 %
LOGAN GENERATING COMPANY, L.P. (LOGAN TWP)	GLOUCESTER	7,018	0.00 %
3 M CORPORATION (MONTGOMERY TWP)	SOMERSET	1,437	0.00 %
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	210	0.00 %
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	207	0.00 %
RC CAPE MAY HOLDINGS LLC (BEESLEYS POINT)	CAPE MAY	72	0.00 %
ACME ENGRAVING CO INC (PASSAIC)	PASSAIC	67	0.00 %
Sum of Top 20:		1,580,793,594	100.00 %
Sum Other:		69	0.00 %
Sum All:		1,580,793,662	100.00 %

Top 20 Carcinogens Brought On Site – 2006 RPPR

Top 20 Carcinogens Brought On Site

CAS Number	SUBSTANCE NAME	Brought On-Site (pounds)	% of Total
1634-04-4	METHYL TERT-BUTYL ETHER	820,178,843	25.05 %
71-43-2	BENZENE	637,349,012	19.46 %
100-41-4	ETHYLBENZENE	520,672,991	15.90 %
75-01-4	VINYL CHLORIDE	456,281,691	13.93 %
91-20-3	NAPHTHALENE	376,813,572	11.51 %
108-05-4	VINYL ACETATE	81,461,812	2.49 %
75-21-8	ETHYLENE OXIDE	73,817,559	2.25 %
7439-92-1 & N420	LEAD & COMPOUNDS	73,553,492	2.25 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	38,535,937	1.18 %
100-42-5	STYRENE	32,271,961	0.99 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	29,084,648	0.89 %
75-56-9	PROPYLENE OXIDE	27,652,368	0.84 %
140-88-5	ETHYL ACRYLATE	24,185,592	0.74 %
7440-02-0 & N495	NICKEL & COMPOUNDS	23,589,674	0.72 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	16,572,859	0.51 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	11,147,206	0.34 %
75-09-2	DICHLOROMETHANE	8,130,874	0.25 %
7440-48-4 & N096	COBALT & COMPOUNDS	5,182,206	0.16 %
50-00-0	FORMALDEHYDE	3,979,376	0.12 %
8001-58-9	CREOSOTE	2,639,892	0.08 %
Sum of Top 20:		3,263,101,565	99.65 %
Sum Other:		11,440,176	0.35 %
Sum All:		3,274,541,740	100.00 %

Top 20 Facilities for Carcinogens Brought On Site

FACILITY NAME (CITY)	COUNTY	Brought On-Site (pounds)	% of Total
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	550,496,018	16.81 %
CONOCOPHILLIPS CO (LINDEN)	UNION	336,416,100	10.27 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	298,884,627	9.13 %
OXY VINYL LP (PEDRICKTOWN)	SALEM	298,524,208	9.12 %
CONOCO PHILLIPS (LINDEN)	UNION	220,352,662	6.73 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	170,189,127	5.20 %
HESS CORPORATION (PORT READING)	MIDDLESEX	131,556,207	4.02 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	97,202,448	2.97 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	88,287,891	2.70 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	85,945,345	2.62 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	84,562,547	2.58 %
VALEO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	83,702,712	2.56 %
GULF OIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	83,315,659	2.54 %
GULF OIL LIMITED PARTNERSHIP (LINDEN)	UNION	79,943,559	2.44 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	77,327,001	2.36 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	66,304,715	2.02 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	46,429,217	1.42 %
GETTY PETROLEUM MARKETING INC (NEWARK)	ESSEX	42,537,180	1.30 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	41,370,706	1.26 %
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	39,870,012	1.22 %
Sum of Top 20:		2,923,217,941	89.27 %
Sum Other:		351,323,799	10.73 %
Sum All:		3,274,541,740	100.00 %

Top 20 Carcinogens Consumed (in processes) – 2006 RPPR

Top 20 Carcinogens Consumed (in processes)

CAS Number	SUBSTANCE NAME	Consumed On-Site (pounds)	% of Total
75-01-4	VINYL CHLORIDE	457,288,117	36.11 %
71-43-2	BENZENE	337,395,926	26.64 %
100-41-4	ETHYLBENZENE	111,699,799	8.82 %
108-05-4	VINYL ACETATE	83,783,461	6.62 %
75-21-8	ETHYLENE OXIDE	73,649,894	5.82 %
98-95-3	NITROBENZENE	37,518,873	2.96 %
100-44-7	BENZYL CHLORIDE	36,550,434	2.89 %
75-56-9	PROPYLENE OXIDE	26,776,329	2.11 %
140-88-5	ETHYL ACRYLATE	24,394,107	1.93 %
100-42-5	STYRENE	23,671,749	1.87 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	14,359,585	1.13 %
91-20-3	NAPHTHALENE	13,120,488	1.04 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	10,764,181	0.85 %
106-99-0	1,3-BUTADIENE	4,210,563	0.33 %
50-00-0	FORMALDEHYDE	3,722,845	0.29 %
107-13-1	ACRYLONITRILE	2,318,293	0.18 %
106-89-8	EPICHLOROHYDRIN	1,405,866	0.11 %
191-24-2	BENZO(G,H,I)PERYLENE	1,282,815	0.10 %
79-06-1	ACRYLAMIDE	732,765	0.06 %
302-01-2	HYDRAZINE	531,796	0.04 %
Sum of Top 20:		1,265,177,887	99.91 %
Sum Other:		1,103,879	0.09 %
Sum All:		1,266,281,766	100.00 %

Top 20 Facilities for Carcinogens Consumed (in processes)

FACILITY NAME (CITY)	COUNTY	Consumed On-Site (pounds)	% of Total
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	417,355,843	32.96 %
OXY VINYL LP (PEDRICKTOWN)	SALEM	300,229,081	23.71 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	87,400,608	6.90 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	83,654,690	6.61 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	77,327,001	6.11 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	69,079,625	5.46 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	62,790,173	4.96 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	36,381,897	2.87 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	31,822,688	2.51 %
LOGAN GENERATING COMPANY, L.P. (LOGAN TWP)	GLOUCESTER	14,101,226	1.11 %
EXXON MOBIL CHEMICAL COMPANY (EDISON)	MIDDLESEX	12,246,465	0.97 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	12,203,141	0.96 %
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	12,030,213	0.95 %
HESS CORPORATION (PORT READING)	MIDDLESEX	9,413,939	0.74 %
BENJAMIN MOORE & CO. (NEWARK)	ESSEX	8,129,926	0.64 %
FOAMEX (EAST RUTHERFORD)	BERGEN	6,259,263	0.49 %
ZINSSER CO., INC. (SOMERSET)	SOMERSET	5,271,036	0.42 %
ISP CHEMICALS (CHATHAM)	MORRIS	3,387,074	0.27 %
CONOCOPHILLIPS CO (LINDEN)	UNION	3,020,000	0.24 %
CRESTFOAM INDUSTRIES INCORPORATED (MOONACHIE)	BERGEN	2,447,712	0.19 %
Sum of Top 20:		1,254,551,601	99.07 %
Sum Other:		11,730,165	0.93 %
Sum All:		1,266,281,766	100.00 %

Top 20 Carcinogens Shipped as (or in) Product – 2006 RPPR

Top 20 Carcinogens Shipped as (or in) Product

CAS Number	SUBSTANCE NAME	Shipped as Product (pounds)	% of Total
100-41-4	ETHYLBENZENE	1,158,334,330	31.29 %
1634-04-4	METHYL TERT-BUTYL ETHER	961,984,326	25.99 %
71-43-2	BENZENE	727,304,245	19.65 %
91-20-3	NAPHTHALENE	643,713,893	17.39 %
7439-92-1 & N420	LEAD & COMPOUNDS	63,145,665	1.71 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	36,262,157	0.98 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	28,515,828	0.77 %
7440-02-0 & N495	NICKEL & COMPOUNDS	20,916,262	0.57 %
100-44-7	BENZYL CHLORIDE	19,915,227	0.54 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	14,530,080	0.39 %
100-42-5	STYRENE	9,031,409	0.24 %
75-09-2	DICHLOROMETHANE	7,039,173	0.19 %
7440-48-4 & N096	COBALT & COMPOUNDS	3,541,073	0.10 %
8001-58-9	CREOSOTE	2,772,980	0.07 %
106-46-7	1,4-DICHLOROBENZENE	1,481,866	0.04 %
191-24-2	BENZO(G,H,I)PERYLENE	847,083	0.02 %
67-66-3	CHLOROFORM	575,337	0.02 %
108-05-4	VINYL ACETATE	357,690	0.01 %
106-99-0	1,3-BUTADIENE	292,449	0.01 %
N583	POLYCHLORINATED ALKANES	280,509	0.01 %
Sum of Top 20:		3,700,841,582	99.97 %
Sum Other:		1,122,953	0.03 %
Sum All:		3,701,964,535	100.00 %

Top 20 Facilities for Carcinogens Shipped as (or in) Product

FACILITY NAME (CITY)	COUNTY	Shipped as Product (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	1,264,022,200	34.14 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	512,122,870	13.83 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	302,615,270	8.17 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	242,079,071	6.54 %
CONOCO PHILLIPS (LINDEN)	UNION	225,274,757	6.09 %
HESS CORPORATION (PORT READING)	MIDDLESEX	204,379,698	5.52 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	166,368,055	4.49 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	126,641,402	3.42 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	97,201,299	2.63 %
GULF OIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	85,852,699	2.32 %
GULF OIL LIMITED PARTNERSHIP (LINDEN)	UNION	81,811,102	2.21 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	46,482,117	1.26 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	45,450,962	1.23 %
HESS CORPORATION (PERTH AMBOY)	MIDDLESEX	43,074,109	1.16 %
GETTY PETROLEUM MARKETING INC (NEWARK)	ESSEX	41,751,023	1.13 %
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	32,030,522	0.87 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	19,937,588	0.54 %
COLORITE PLASTICS COMPANY (RIDGEFIELD)	BERGEN	18,900,355	0.51 %
HESS CORPORATION (BAYONNE)	HUDSON	16,447,343	0.44 %
FRANKLIN BURLINGTON PLASTICS, INC. (KEARNY)	HUDSON	14,003,749	0.38 %
Sum of Top 20:		3,586,446,191	96.88 %
Sum Other:		115,518,344	3.12 %
Sum All:		3,701,964,535	100.00 %

Top 10 Carcinogens for Nonproduct Output – 2006 RPPR

Top 10 Carcinogens Generated as Nonproduct Output

CAS Number	SUBSTANCE NAME	NPO (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	13,802,822	49.99 %
7440-02-0 & N495	NICKEL & COMPOUNDS	3,427,573	12.41 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	2,362,033	8.55 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,544,880	5.59 %
100-41-4	ETHYLBENZENE	1,016,730	3.68 %
75-09-2	DICHLOROMETHANE	998,944	3.62 %
75-01-4	VINYL CHLORIDE	788,948	2.86 %
100-44-7	BENZYL CHLORIDE	773,446	2.80 %
71-43-2	BENZENE	594,258	2.15 %
91-20-3	NAPHTHALENE	539,878	1.96 %
Sum of Top 10:		25,849,512	93.61 %
Sum Other:		1,763,073	6.39 %
Sum All:		27,612,585	100.00 %

Top 10 Facilities Generating Nonproduct Output of Carcinogens

FACILITY NAME (CITY)	COUNTY	NPO (pounds)	% of Total
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	7,839,490	28.39 %
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	2,731,910	9.89 %
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	1,974,278	7.15 %
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	1,496,569	5.42 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	1,354,272	4.90 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	1,121,429	4.06 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	998,780	3.62 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	821,985	2.98 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	785,822	2.85 %
RATHGIBSON (NORTH BRANCH)	SOMERSET	696,823	2.52 %
Sum of Top 10:		19,821,358	71.78 %
Sum Other:		7,791,227	28.22 %
Sum All:		27,612,585	100.00 %

Top 10 Individual Reports of Nonproduct Output for Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	NPO (pounds)
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	LEAD COMPOUNDS	7,839,490
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	LEAD COMPOUNDS	2,270,653
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD	1,354,272
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	NICKEL	1,276,297
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	NICKEL	973,084
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	769,035
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	764,161
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	680,294
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	586,914
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	CHROMIUM	507,294

Top 10 On-Site Releases of Carcinogens – 2006 RPPR

Top 10 Carcinogens Released On Site

CAS Number	SUBSTANCE NAME	On-Site Releases (pounds)	% of Total
100-42-5	STYRENE	168,012	22.97 %
1634-04-4	METHYL TERT-BUTYL ETHER	73,398	10.03 %
75-09-2	DICHLOROMETHANE	70,475	9.63 %
108-05-4	VINYL ACETATE	56,578	7.73 %
74-87-3	CHLOROMETHANE	45,886	6.27 %
71-43-2	BENZENE	43,384	5.93 %
100-41-4	ETHYLBENZENE	36,543	5.00 %
8001-58-9	CREOSOTE	35,291	4.82 %
75-01-4	VINYL CHLORIDE	30,578	4.18 %
106-89-8	EPICHLOROHYDRIN	28,203	3.86 %
Sum of Top 10:		588,348	80.43 %
Sum Other:		143,126	19.57 %
Sum All:		731,474	100.00 %

Top 10 Facilities for On-Site Releases of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Releases (pounds)	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	141,318	19.32 %
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	69,900	9.56 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	61,386	8.39 %
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	48,116	6.58 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	37,971	5.19 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	34,682	4.74 %
MERCK & CO INC (RAHWAY)	UNION	31,649	4.33 %
HESS CORPORATION (PORT READING)	MIDDLESEX	28,754	3.93 %
CONOCOPHILLIPS CO (LINDEN)	UNION	20,794	2.84 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	20,771	2.84 %
Sum of Top 10:		495,341	67.72 %
Sum Other:		236,133	32.28 %
Sum All:		731,474	100.00 %

Top 10 Individual Reports of On-Site Releases for Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Releases (pounds)
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	STYRENE	69,900
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	48,116
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL ACETATE	47,898
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	45,886
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CREOSOTE	35,209
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	31,649
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	EPICHLOROHYDRIN	26,882
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	DICHLOROMETHANE	19,017
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	TRICHLOROETHYLENE	17,073
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	16,518

Top 10 Total Air Emissions of Carcinogens – 2006 RPPR

Top 10 Carcinogens for Total Air Emissions

CAS Number	SUBSTANCE NAME	Total Air Emissions (pounds)	% of Total
100-42-5	STYRENE	167,943	27.50 %
75-09-2	DICHLOROMETHANE	70,246	11.50 %
1634-04-4	METHYL TERT-BUTYL ETHER	63,708	10.43 %
108-05-4	VINYL ACETATE	56,578	9.26 %
74-87-3	CHLOROMETHANE	45,814	7.50 %
71-43-2	BENZENE	42,989	7.04 %
100-41-4	ETHYLBENZENE	35,574	5.83 %
75-01-4	VINYL CHLORIDE	30,504	4.99 %
79-01-6	TRICHLOROETHYLENE	24,784	4.06 %
91-20-3	NAPHTHALENE	14,652	2.40 %
Sum of Top 10:		552,792	90.52 %
Sum Other:		57,901	9.48 %
Sum All:		610,693	100.00 %

Top 10 Facilities for Total Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	Total Air Emissions (pounds)	% of Total
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	69,900	11.45 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	61,339	10.04 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	59,646	9.77 %
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	48,116	7.88 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	36,000	5.89 %
MERCK & CO INC (RAHWAY)	UNION	31,649	5.18 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	26,560	4.35 %
CONOCOPHILLIPS CO (LINDEN)	UNION	19,316	3.16 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	19,168	3.14 %
HESS CORPORATION (PORT READING)	MIDDLESEX	18,135	2.97 %
Sum of Top 10:		389,830	63.83 %
Sum Other:		220,863	36.17 %
Sum All:		610,693	100.00 %

Top 10 Individual Reports of Total Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Total Air Emissions (pounds)
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	STYRENE	69,900
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	48,116
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL ACETATE	47,898
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	45,814
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	31,649
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	DICHLOROMETHANE	19,017
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	TRICHLOROETHYLENE	17,073
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	14,763
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	14,688
OCEAN YACHTS INC (MULLICA TWP)	ATLANTIC	STYRENE	14,685

Top 10 Stack Air Emissions of Carcinogens – 2006 RPPR

Top 10 Carcinogens for Stack Air Emissions

CAS Number	SUBSTANCE NAME	Stack Air Emissions (pounds)	% of Total
100-42-5	STYRENE	154,826	33.04 %
108-05-4	VINYL ACETATE	56,121	11.98 %
74-87-3	CHLOROMETHANE	45,814	9.78 %
75-09-2	DICHLOROMETHANE	42,602	9.09 %
1634-04-4	METHYL TERT-BUTYL ETHER	40,038	8.54 %
71-43-2	BENZENE	27,715	5.91 %
100-41-4	ETHYLBENZENE	22,683	4.84 %
75-01-4	VINYL CHLORIDE	21,639	4.62 %
91-20-3	NAPHTHALENE	11,303	2.41 %
79-01-6	TRICHLOROETHYLENE	9,345	1.99 %
Sum of Top 10:		432,086	92.21 %
Sum Other:		36,516	7.79 %
Sum All:		468,602	100.00 %

Top 10 Facilities for Stack Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	Stack Air Emissions (pounds)	% of Total
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	69,900	14.92 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	56,200	11.99 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	53,971	11.52 %
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	48,116	10.27 %
MERCK & CO INC (RAHWAY)	UNION	22,663	4.84 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	20,514	4.38 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	17,922	3.82 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	15,271	3.26 %
HESS CORPORATION (PORT READING)	MIDDLESEX	13,887	2.96 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	11,859	2.53 %
Sum of Top 10:		330,303	70.49 %
Sum Other:		138,299	29.51 %
Sum All:		468,602	100.00 %

Top 10 Individual Reports of Stack Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Stack Air Emissions (pounds)
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	STYRENE	69,900
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	48,116
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL ACETATE	47,859
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	45,814
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	22,663
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	DICHLOROMETHANE	15,120
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	11,859
OCEAN YACHTS INC (MULLICA TWP)	ATLANTIC	STYRENE	11,748
HESS CORPORATION (PORT READING)	MIDDLESEX	METHYL TERT-BUTYL ETHER	10,254
EH YACHTS LLC (EGG HARBOR CITY)	ATLANTIC	STYRENE	10,056

Top 10 Fugitive Air Emissions of Carcinogens – 2006 RPPR

Top 10 Carcinogens for Fugitive Air Emissions

CAS Number	SUBSTANCE NAME	Fugitive Air Emissions (pounds)	% of Total
75-09-2	DICHLOROMETHANE	27,644	19.46 %
1634-04-4	METHYL TERT-BUTYL ETHER	23,670	16.66 %
79-01-6	TRICHLOROETHYLENE	15,439	10.87 %
71-43-2	BENZENE	15,274	10.75 %
100-42-5	STYRENE	13,117	9.23 %
100-41-4	ETHYLBENZENE	12,891	9.07 %
75-01-4	VINYL CHLORIDE	8,865	6.24 %
8001-58-9	CREOSOTE	4,857	3.42 %
106-99-0	1,3-BUTADIENE	4,737	3.33 %
91-20-3	NAPHTHALENE	3,349	2.36 %
Sum of Top 10:		129,843	91.38 %
Sum Other:		12,248	8.62 %
Sum All:		142,091	100.00 %

Top 10 Facilities for Fugitive Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	Fugitive Air Emissions (pounds)	% of Total
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	18,078	12.72 %
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	14,520	10.22 %
PIKE MACHINE PRODUCTS, INC. (ELIZABETH)	UNION	13,800	9.71 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	11,992	8.44 %
MERCK & CO INC (RAHWAY)	UNION	8,986	6.32 %
CONOCOPHILLIPS CO (LINDEN)	UNION	7,843	5.52 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	6,046	4.26 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	5,675	3.99 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	5,139	3.62 %
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	4,335	3.05 %
Sum of Top 10:		96,414	67.85 %
Sum Other:		45,676	32.15 %
Sum All:		142,091	100.00 %

Top 10 Individual Reports of Fugitive Air Emissions of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Fugitive Air Emissions (pounds)
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	TRICHLOROETHYLENE	14,520
PIKE MACHINE PRODUCTS, INC. (ELIZABETH)	UNION	DICHLOROMETHANE	13,800
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	METHYL TERT-BUTYL ETHER	10,863
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	8,986
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	8,237
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	5,100
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CREOSOTE	4,794
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	1,3-BUTADIENE	4,715
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	BENZENE	4,696
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	3,928

Top 10 Surface Water Discharges of Carcinogens – 2006 RPPR

Top 10 Carcinogens for Surface Water Discharges

CAS Number	SUBSTANCE NAME	Surface Water Discharges (pounds)	% of Total
106-89-8	EPICHLOROHYDRIN	26,588	43.46 %
7440-02-0 & N495	NICKEL & COMPOUNDS	10,896	17.81 %
1634-04-4	METHYL TERT-BUTYL ETHER	9,690	15.84 %
106-93-4	1,2-DIBROMOETHANE	6,593	10.78 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	2,448	4.00 %
N020	ARSENIC COMPOUNDS	1,118	1.83 %
78-87-5	1,2-DICHLOROPROPANE	1,062	1.74 %
7439-92-1 & N420	LEAD & COMPOUNDS	1,026	1.68 %
91-20-3	NAPHTHALENE	399	0.65 %
71-43-2	BENZENE	379	0.62 %
Sum of Top 10:		60,199	98.39 %
Sum Other:		985	1.61 %
Sum All:		61,184	100.00 %

Top 10 Facilities for Surface Water Discharges of Carcinogens

FACILITY NAME (CITY)	COUNTY	Surface Water Discharges (pounds)	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	39,810	65.07 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	8,122	13.27 %
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	3,526	5.76 %
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	2,348	3.84 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	1,971	3.22 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	1,603	2.62 %
CONOCOPHILLIPS CO (LINDEN)	UNION	1,478	2.42 %
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	1,131	1.85 %
HESS CORPORATION (PORT READING)	MIDDLESEX	598	0.98 %
RC CAPE MAY HOLDINGS LLC (BEESLEYS POINT)	CAPE MAY	274	0.45 %
Sum of Top 10:		60,861	99.47 %
Sum Other:		323	0.53 %
Sum All:		61,184	100.00 %

Top 10 Individual Reports of Surface Water Discharges of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Surface Water Discharges (pounds)
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	EPICHLOROHYDRIN	26,588
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	7,522
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	1,2-DIBROMOETHANE	6,593
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NICKEL COMPOUNDS	5,453
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	1,830
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	NICKEL COMPOUNDS	1,553
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	NICKEL COMPOUNDS	1,385
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	1,2-DICHLOROPROPANE	1,062
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	ARSENIC COMPOUNDS	1,027
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	CHROMIUM COMPOUNDS	1,022

Top 10 On-Site Land Disposals of Carcinogens – 2006 RPPR

Top 10 Carcinogens for On-Site Land Disposal

CAS Number	SUBSTANCE NAME	On-Site Land Disposal (pounds)	% of Total
8001-58-9	CREOSOTE	30,415	51.03 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	7,874	13.21 %
7440-02-0 & N495	NICKEL & COMPOUNDS	6,954	11.67 %
7439-92-1 & N420	LEAD & COMPOUNDS	6,057	10.16 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	2,718	4.56 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	2,518	4.22 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,190	2.00 %
100-41-4	ETHYLBENZENE	736	1.23 %
1582-09-8	TRIFLURALIN	324	0.54 %
25321-22-6	DICHLOROBENZENE (MIXED ISOMERS)	239	0.40 %
Sum of Top 10:		59,025	99.04 %
Sum Other:		573	0.96 %
Sum All:		59,598	100.00 %

All Facilities for On-Site Land Disposal of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Land Disposal (pounds)	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	41,862	70.24 %
HESS CORPORATION (PORT READING)	MIDDLESEX	10,021	16.81 %
3 M CORPORATION (MONTGOMERY TWP)	SOMERSET	7,715	12.95 %
Sum of All:		59,598	100.00 %

Top 10 Individual Reports of On-Site Land Disposal of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Land Disposal (pounds)
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CREOSOTE	30,415
3 M CORPORATION (MONTGOMERY TWP)	SOMERSET	CHROMIUM COMPOUNDS	6,018
HESS CORPORATION (PORT READING)	MIDDLESEX	LEAD	5,062
HESS CORPORATION (PORT READING)	MIDDLESEX	NICKEL COMPOUNDS	4,959
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	2,718
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	2,518
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NICKEL COMPOUNDS	1,995
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHROMIUM COMPOUNDS	1,856
3 M CORPORATION (MONTGOMERY TWP)	SOMERSET	COBALT COMPOUNDS	1,190
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ETHYLBENZENE	736

Top 10 On-Site Management of Carcinogens – 2006 RPPR

Top 10 Carcinogens Managed as Nonproduct Output (NPO) On Site

CAS Number	SUBSTANCE NAME	On-Site Management (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	3,386,269	45.13 %
75-01-4	VINYL CHLORIDE	758,275	10.11 %
71-43-2	BENZENE	544,099	7.25 %
100-41-4	ETHYLBENZENE	487,675	6.50 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	474,186	6.32 %
91-20-3	NAPHTHALENE	391,479	5.22 %
7440-02-0 & N495	NICKEL & COMPOUNDS	378,474	5.04 %
1634-04-4	METHYL TERT-BUTYL ETHER	197,861	2.64 %
62-53-3	ANILINE (AND SALTS)	191,072	2.55 %
75-09-2	DICHLOROMETHANE	176,388	2.35 %
Sum of Top 10:		6,985,778	93.11 %
Sum Other:		517,028	6.89 %
Sum All:		7,502,806	100.00 %

Top 10 Facilities for NPO Managed On Site of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Management (pounds)	% of Total
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	2,443,303	32.57 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	1,300,663	17.34 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	855,747	11.41 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	759,937	10.13 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	584,039	7.78 %
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	382,364	5.10 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	140,138	1.87 %
ALCOA HOWMET (ROCKAWAY TWP)	MORRIS	87,231	1.16 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	85,437	1.14 %
GENTEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	84,314	1.12 %
Sum of Top 10:		6,723,173	89.61 %
Sum Other:		779,633	10.39 %
Sum All:		7,502,806	100.00 %

Top 10 Individual Reports of NPO Managed On Site of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Management (pounds)
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	LEAD COMPOUNDS	2,020,776
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD	1,300,663
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	750,626
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	CHROMIUM COMPOUNDS	395,765
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	324,655
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ETHYLBENZENE	269,256
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	NICKEL	241,878
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ANILINE (AND SALTS)	191,072
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	BENZENE	182,154
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	NAPHTHALENE	140,517

Top 10 On-Site Recycling of Carcinogens – 2006 RPPR

Top 10 Carcinogens Recycled On Site

CAS Number	SUBSTANCE NAME	On-Site Recycling (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	3,386,269	74.11 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	474,186	10.38 %
7440-02-0 & N495	NICKEL & COMPOUNDS	378,474	8.28 %
106-89-8	EPICHLOROHYDRIN	139,076	3.04 %
7440-48-4 & N096	COBALT & COMPOUNDS	85,661	1.87 %
91-20-3	NAPHTHALENE	62,614	1.37 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	19,560	0.43 %
100-41-4	ETHYLBENZENE	18,981	0.42 %
71-43-2	BENZENE	2,891	0.06 %
101-90-6	DIGLYCIDYL RESORCINOL ETHER	1,062	0.02 %
Sum of Top 10:		4,568,774	99.99 %
Sum Other:		589	0.01 %
Sum All:		4,569,363	100.00 %

Top 10 Facilities for On-Site Recycling of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Recycling (pounds)	% of Total
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	2,443,303	53.47 %
FRY'S METALS INC. (JERSEY CITY)	HUDSON	1,300,663	28.46 %
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	382,364	8.37 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	140,138	3.07 %
ALCOA HOWMET (ROCKAWAY TWP)	MORRIS	87,231	1.91 %
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	78,432	1.72 %
HESS CORPORATION (PORT READING)	MIDDLESEX	64,929	1.42 %
MYRON MANUFACTURING CORP (MAYWOOD)	BERGEN	21,383	0.47 %
BAY SHORE VINYL COMPOUNDS, INC. (TENNET)	MONMOUTH	19,560	0.43 %
CHEVRON PRODUCTS COMPANY (PERTH AMBOY)	MIDDLESEX	14,786	0.32 %
Sum of Top 10:		4,552,789	99.64 %
Sum Other:		16,574	0.36 %
Sum All:		4,569,363	100.00 %

Top 10 Individual Reports of On-Site Recycling of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Recycling (pounds)
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	LEAD COMPOUNDS	2,020,776
FRY'S METALS INC. (JERSEY CITY)	HUDSON	LEAD	1,300,663
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	CHROMIUM COMPOUNDS	395,765
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	NICKEL	241,878
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	139,076
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	COBALT	73,224
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	CHROMIUM	67,262
ALCOA HOWMET (ROCKAWAY TWP)	MORRIS	NICKEL	63,943
HESS CORPORATION (PORT READING)	MIDDLESEX	NAPHTHALENE	61,110
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	NICKEL	45,891

On-Site Energy Recovery of Carcinogens – 2006 RPPR

All Carcinogens Destroyed On Site for Energy Recovery

CAS Number	SUBSTANCE NAME	On-Site Energy Recovery (pounds)	% of Total
N590	POLYCYCLIC AROMATIC COMPOUNDS	1,920	97.48 %
75-09-2	DICHLOROMETHANE	26	1.32 %
191-24-2	BENZO(G,H,I)PERYLENE	21	1.05 %
71-43-2	BENZENE	3	0.15 %
Sum of All:		1,969	100.00 %

All Facilities for On-Site Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Energy Recovery (pounds)	% of Total
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	1,938	98.43 %
MERCK & CO INC (RAHWAY)	UNION	26	1.32 %
CITGO ASPHALT REFINING CO. (WEST DEPTFORD TWP)	GLOUCESTER	5	0.25 %
Sum of All:		1,969	100.00 %

All Individual Reports of On-Site Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Energy Recovery (pounds)
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	1,918
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	26
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	BENZO(G,H,I)PERYLENE	21
CITGO ASPHALT REFINING CO. (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	3
CITGO ASPHALT REFINING CO. (WEST DEPTFORD TWP)	GLOUCESTER	POLYCYCLIC AROMATIC COMPOUNDS	2

Top 10 Destroyed through On-Site Treatment of Carcinogens – 2006 RPPR

Top 10 Carcinogens Destroyed through On-Site Treatment

CAS Number	SUBSTANCE NAME	Destroyed On-Site (pounds)	% of Total
75-01-4	VINYL CHLORIDE	758,275	25.87 %
71-43-2	BENZENE	541,205	18.46 %
100-41-4	ETHYLBENZENE	468,694	15.99 %
91-20-3	NAPHTHALENE	328,865	11.22 %
1634-04-4	METHYL TERT-BUTYL ETHER	197,861	6.75 %
62-53-3	ANILINE (AND SALTS)	191,072	6.52 %
75-09-2	DICHLOROMETHANE	176,362	6.02 %
75-21-8	ETHYLENE OXIDE	57,984	1.98 %
108-05-4	VINYL ACETATE	54,124	1.85 %
75-56-9	PROPYLENE OXIDE	39,402	1.34 %
Sum of Top 10:		2,813,844	95.99 %
Sum Other:		117,630	4.01 %
Sum All:		2,931,474	100.00 %

Top 10 Facilities for On-Site Destruction through Treatment of Carcinogens

FACILITY NAME (CITY)	COUNTY	Destroyed On-Site (pounds)	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	855,747	29.19 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	759,937	25.92 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	584,039	19.92 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	85,437	2.91 %
GENTEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	84,314	2.88 %
BWAY PACKAGING (TRENTON)	MERCER	72,666	2.48 %
ARROW GROUP INDUSTRIES -CORP- (HASKELL)	PASSAIC	66,686	2.27 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	66,357	2.26 %
ENGLERT, INC. (PERTHAMBOY)	MIDDLESEX	44,629	1.52 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	36,798	1.26 %
Sum of Top 10:		2,656,610	90.62 %
Sum Other:		274,864	9.38 %
Sum All:		2,931,474	100.00 %

Top 10 Individual Reports of On-Site Destruction through Treatment of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Destroyed On-Site (pounds)
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	750,626
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	324,655
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ETHYLBENZENE	269,256
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ANILINE (AND SALTS)	191,072
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	BENZENE	182,154
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	NAPHTHALENE	140,517
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	DICHLOROMETHANE	134,236
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	METHYL TERT-BUTYL ETHER	92,475
GENTEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	NAPHTHALENE	68,767
ARROW GROUP INDUSTRIES -CORP- (HASKELL)	PASSAIC	NAPHTHALENE	66,686

Top 10 Off-Site Transfers of Carcinogens – 2006 RPPR

Top 10 Carcinogens Transferred Off-Site

CAS Number	SUBSTANCE NAME	Off-site Transfers (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	10,423,377	53.69 %
7440-02-0 & N495	NICKEL & COMPOUNDS	3,012,961	15.52 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	1,877,937	9.67 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,453,507	7.49 %
100-44-7	BENZYL CHLORIDE	772,994	3.98 %
75-09-2	DICHLOROMETHANE	751,996	3.87 %
100-41-4	ETHYLBENZENE	493,466	2.54 %
79-01-6	TRICHLOROETHYLENE	150,284	0.77 %
91-20-3	NAPHTHALENE	133,615	0.69 %
78-87-5	1,2-DICHLOROPROPANE	47,850	0.25 %
Sum of Top 10:		19,117,987	98.48 %
Sum Other:		295,839	1.52 %
Sum All:		19,413,826	100.00 %

Top 10 Facilities for Off-Site Transfers of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Transfers (pounds)	% of Total
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	7,838,093	40.37 %
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	1,972,950	10.16 %
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	1,113,575	5.74 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	998,541	5.14 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	789,599	4.07 %
RATHGIBSON (NORTH BRANCH)	SOMERSET	697,096	3.59 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	586,865	3.02 %
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	459,058	2.36 %
MERCK & CO INC (RAHWAY)	UNION	400,198	2.06 %
BIOMET FAIR LAWN, LP (FAIR LAWN BORO)	BERGEN	388,721	2.00 %
Sum of Top 10:		15,244,696	78.52 %
Sum Other:		4,169,130	21.48 %
Sum All:		19,413,826	100.00 %

Top 10 Individual Reports of Off-Site Transfers of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Transfers (pounds)
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	LEAD COMPOUNDS	7,838,093
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	NICKEL	1,275,400
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	772,994
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	NICKEL	730,803
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	680,130
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	586,865
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	CHROMIUM	507,010
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	LEAD	459,058
RATHGIBSON (NORTH BRANCH)	SOMERSET	NICKEL	401,760
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	400,198

Top 10 Discharges to Publicly-Owned Treatment Works (POTWs) of Carcinogens – 2006 RPPR

Top 10 Carcinogens for Discharges to POTWs

CAS Number	SUBSTANCE NAME	POTW Discharges (pounds)	% of Total
75-09-2	DICHLOROMETHANE	177,614	76.65 %
106-89-8	EPICHLOROHYDRIN	29,455	12.71 %
67-66-3	CHLOROFORM	17,559	7.58 %
7440-02-0 & N495	NICKEL & COMPOUNDS	1,700	0.73 %
8001-58-9	CREOSOTE	1,590	0.69 %
108-05-4	VINYL ACETATE	1,425	0.61 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	937	0.40 %
62-53-3	ANILINE (AND SALTS)	413	0.18 %
7440-48-4 & N096	COBALT & COMPOUNDS	413	0.18 %
79-06-1	ACRYLAMIDE	301	0.13 %
Sum of Top 10:		231,407	99.86 %
Sum Other:		326	0.14 %
Sum All:		231,733	100.00 %

Top 10 Facilities for Discharges to POTWs of Carcinogens

FACILITY NAME (CITY)	COUNTY	POTW Discharges (pounds)	% of Total
MERCK & CO INC (RAHWAY)	UNION	177,540	76.61 %
CARDOLITE CORPORATION (NEWARK)	ESSEX	28,500	12.30 %
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	17,328	7.48 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	1,726	0.74 %
ATLANTIC WOOD INDUSTRIES INC. (HAINESPORT)	BURLINGTON	1,669	0.72 %
AARHUS KARLSHAMN USA INC (PORT NEWARK)	ESSEX	1,039	0.45 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	970	0.42 %
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	899	0.39 %
H & S CHEMICAL CO INC (WALLINGTON)	BERGEN	413	0.18 %
MANNINGTON MILLS INC (MANNINGTON TWP)	SALEM	391	0.17 %
Sum of Top 10:		230,475	99.46 %
Sum Other:		1,258	0.54 %
Sum All:		231,733	100.00 %

Top 10 Individual Reports of Discharges to POTWs of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	POTW Discharges (pounds)
MERCK & CO INC (RAHWAY)	UNION	DICHLOROMETHANE	177,540
CARDOLITE CORPORATION (NEWARK)	ESSEX	EPICHLOROHYDRIN	28,500
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	CHLOROFORM	17,328
ATLANTIC WOOD INDUSTRIES INC. (HAINESPORT)	BURLINGTON	CREOSOTE	1,590
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	VINYL ACETATE	1,425
AARHUS KARLSHAMN USA INC (PORT NEWARK)	ESSEX	NICKEL	1,039
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	955
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	CHROMIUM COMPOUNDS	899
H & S CHEMICAL CO INC (WALLINGTON)	BERGEN	ANILINE (AND SALTS)	413
MANNINGTON MILLS INC (MANNINGTON TWP)	SALEM	COBALT COMPOUNDS	391

Top 10 Transfers for Off-Site Recycling of Carcinogens – 2006 RPPR

Top 10 Carcinogens Transferred Off Site for Recycling

CAS Number	SUBSTANCE NAME	Off-Site Recycling (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	9,856,317	60.03 %
7440-02-0 & N495	NICKEL & COMPOUNDS	2,894,588	17.63 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	1,781,681	10.85 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,443,520	8.79 %
75-09-2	DICHLOROMETHANE	266,255	1.62 %
79-01-6	TRICHLOROETHYLENE	135,849	0.83 %
91-20-3	NAPHTHALENE	31,690	0.19 %
7440-43-9 & N078	CADMIUM & COMPOUNDS	2,951	0.02 %
71-43-2	BENZENE	2,082	0.01 %
100-41-4	ETHYLBENZENE	1,427	0.01 %
Sum of Top 10:		16,416,360	99.99 %
Sum Other:		1,894	0.01 %
Sum All:		16,418,254	100.00 %

Top 10 Facilities for Off-Site Transfers for Recycling of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Recycling (pounds)	% of Total
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	7,838,086	47.74 %
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	1,972,950	12.02 %
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	1,105,623	6.73 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	998,362	6.08 %
RATHGIBSON (NORTH BRANCH)	SOMERSET	697,096	4.25 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	586,865	3.57 %
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	459,058	2.80 %
BIOMET FAIR LAWN, L.P (FAIR LAWN BORO)	BERGEN	388,721	2.37 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	339,406	2.07 %
MERCK & CO INC (RAHWAY)	UNION	218,203	1.33 %
Sum of Top 10:		14,604,370	88.95 %
Sum Other:		1,813,884	11.05 %
Sum All:		16,418,254	100.00 %

Top 10 Individual Reports of Off-Site Transfers for Recycling of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Recycling (pounds)
JOHNSON CONTROLS BATTERY GROUP INC (NEW BRUNSWICK)	MIDDLESEX	LEAD COMPOUNDS	7,838,086
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	NICKEL	1,275,400
HOWMET CASTINGS (ROCKAWAY TWP)	MORRIS	NICKEL	725,720
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	679,993
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	586,865
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	CHROMIUM	507,010
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	LEAD	459,058
RATHGIBSON (NORTH BRANCH)	SOMERSET	NICKEL	401,760
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD	339,406
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	CHROMIUM	318,369

Top 10 Transfers for Off-Site Energy Recovery of Carcinogens – 2006 RPPR

Top 10 Carcinogens Transferred Off-Site for Energy Recovery

CAS Number	SUBSTANCE NAME	Off-Site Energy Recovery (pounds)	% of Total
100-44-7	BENZYL CHLORIDE	766,438	45.77 %
100-41-4	ETHYLBENZENE	439,216	26.23 %
75-09-2	DICHLOROMETHANE	260,367	15.55 %
91-20-3	NAPHTHALENE	85,418	5.10 %
108-05-4	VINYL ACETATE	21,556	1.29 %
100-42-5	STYRENE	18,739	1.12 %
7440-02-0 & N495	NICKEL & COMPOUNDS	17,115	1.02 %
98-07-7	BENZOIC TRICHLORIDE	16,605	0.99 %
67-66-3	CHLOROFORM	11,721	0.70 %
8001-58-9	CREOSOTE	9,420	0.56 %
Sum of Top 10:		1,646,595	98.32 %
Sum Other:		28,094	1.68 %
Sum All:		1,674,689	100.00 %

Top 10 Facilities for Off-Site Transfers for Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Energy Recovery (pounds)	% of Total
FERRO CORP (LOGAN TWP)	GLOUCESTER	783,043	46.76 %
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	270,768	16.17 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	176,965	10.57 %
EXXON MOBIL CHEMICAL COMPANY (EDISON)	MIDDLESEX	126,631	7.56 %
BASF CORPORATION (BELVIDERE)	WARREN	72,733	4.34 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	51,905	3.10 %
ME TEM CORPORATION (PARSIPPANY-TROY HILLS TWP)	MORRIS	27,941	1.67 %
INFINEUM USA (LINDEN)	UNION	21,556	1.29 %
INTERNATIONAL PAINT, LLC (UNION)	UNION	21,500	1.28 %
THERMOFISHER SCIENTIFIC (FAIR LAWN)	BERGEN	16,590	0.99 %
Sum of Top 10:		1,569,632	93.73 %
Sum Other:		105,057	6.27 %
Sum All:		1,674,689	100.00 %

Top 10 Individual Reports of Off-Site Transfers for Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Energy Recovery (pounds)
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	766,438
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	ETHYLBENZENE	258,617
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	DICHLOROMETHANE	176,965
EXXON MOBIL CHEMICAL COMPANY (EDISON)	MIDDLESEX	ETHYLBENZENE	81,942
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	DICHLOROMETHANE	50,647
EXXON MOBIL CHEMICAL COMPANY (EDISON)	MIDDLESEX	NAPHTHALENE	44,689
BASF CORPORATION (BELVIDERE)	WARREN	NAPHTHALENE	36,427
BASF CORPORATION (BELVIDERE)	WARREN	ETHYLBENZENE	36,306
INFINEUM USA (LINDEN)	UNION	VINYL ACETATE	21,556
INTERNATIONAL PAINT, LLC (UNION)	UNION	ETHYLBENZENE	21,500

Top 10 Destroyed through Off-Site Treatment of Carcinogens – 2006 RPPR

Top 10 Carcinogens Transferred Off-Site for Treatment (Destruction)

CAS Number	SUBSTANCE NAME	Off-Site Treatment (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	312,367	54.30 %
100-41-4	ETHYLBENZENE	51,525	8.96 %
78-87-5	1,2-DICHLOROPROPANE	47,850	8.32 %
75-09-2	DICHLOROMETHANE	46,527	8.09 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	36,611	6.36 %
140-88-5	ETHYL ACRYLATE	16,197	2.82 %
106-89-8	EPICHLOROHYDRIN	11,236	1.95 %
79-01-6	TRICHLOROETHYLENE	9,963	1.73 %
91-20-3	NAPHTHALENE	9,402	1.63 %
107-13-1	ACRYLONITRILE	7,194	1.25 %
Sum of Top 10:		548,872	95.41 %
Sum Other:		26,416	4.59 %
Sum All:		575,288	100.00 %

Top 10 Facilities for Off-Site Transfers for Treatment (Destruction) of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Treatment (pounds)	% of Total
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	249,482	43.37 %
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	55,750	9.69 %
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	48,580	8.44 %
SIKA CORPORATION (LYNDHURST)	BERGEN	34,638	6.02 %
AIR PRODUCTS & CHEMICALS INC (PAULSBORO)	GLOUCESTER	33,702	5.86 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	25,519	4.44 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	22,446	3.90 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	21,872	3.80 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	11,730	2.04 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	11,436	1.99 %
Sum of Top 10:		515,155	89.55 %
Sum Other:		60,133	10.45 %
Sum All:		575,288	100.00 %

Top 10 Individual Reports of Off-Site Transfers for Treatment (Destruction) of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Treatment (pounds)
GERDAU AMERISTEEL PERTH AMBOY (PERTH AMBOY)	MIDDLESEX	LEAD COMPOUNDS	249,482
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	LEAD COMPOUNDS	55,750
LANXESS SYBRON CHEMICALS (BIRMINGHAM)	BURLINGTON	1,2-DICHLOROPROPANE	47,850
SIKA CORPORATION (LYNDHURST)	BERGEN	ETHYLBENZENE	34,638
AIR PRODUCTS & CHEMICALS INC (PAULSBORO)	GLOUCESTER	TOLUENE DIISOCYANATE (MIXED ISOMERS)	33,702
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	DICHLOROMETHANE	21,872
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	ETHYL ACRYLATE	16,123
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	DICHLOROMETHANE	11,638
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	11,236
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	DICHLOROMETHANE	10,913

Top 10 Off-Site Transfers for Disposal of Carcinogens – 2006 RPPR

Top 10 Carcinogens Transferred Off-Site for Disposal

CAS Number	SUBSTANCE NAME	Off-Site Disposal (pounds)	% of Total
7439-92-1 & N420	LEAD & COMPOUNDS	253,559	49.35 %
7440-02-0 & N495	NICKEL & COMPOUNDS	98,782	19.23 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	88,196	17.17 %
98-95-3	NITROBENZENE	19,668	3.83 %
7440-43-9 & N078	CADMIUM & COMPOUNDS	11,508	2.24 %
N020	ARSENIC COMPOUNDS	10,933	2.13 %
91-20-3	NAPHTHALENE	7,105	1.38 %
N583	POLYCHLORINATED ALKANES	5,915	1.15 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	4,577	0.89 %
7440-48-4 & N096	COBALT & COMPOUNDS	4,105	0.80 %
Sum of Top 10:		504,349	98.17 %
Sum Other:		9,416	1.83 %
Sum All:		513,765	100.00 %

Top 10 Facilities for Off-Site Transfers for Disposal of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Disposal (pounds)	% of Total
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	63,287	12.32 %
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	61,763	12.02 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	55,106	10.73 %
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	46,371	9.03 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	43,208	8.41 %
UNITED STATES PIPE AND FOUNDRY CO LCC (BURLINGTON)	BURLINGTON	30,615	5.96 %
WYMAN-GORDON FORGINGS, INC. (ROCKAWAY)	MORRIS	28,034	5.46 %
CHAMBERS COGENERATION L. P. (CARNEYS POINT)	SALEM	19,462	3.79 %
GGB, LLC (THOROFARE)	GLOUCESTER	18,716	3.64 %
DURAND GLASS MANUFACTURING COMPANY INC (MILLVILLE)	CUMBERLAND	18,151	3.53 %
Sum of Top 10:		384,713	74.88 %
Sum Other:		129,052	25.12 %
Sum All:		513,765	100.00 %

Top 10 Individual Reports of Off-Site Transfers for Disposal of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Disposal (pounds)
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD	63,287
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	LEAD COMPOUNDS	61,298
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	CHROMIUM COMPOUNDS	46,371
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD COMPOUNDS	36,686
UNITED STATES PIPE AND FOUNDRY CO LCC (BURLINGTON)	BURLINGTON	LEAD COMPOUNDS	30,615
WYMAN-GORDON FORGINGS, INC. (ROCKAWAY)	MORRIS	NICKEL COMPOUNDS	26,213
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NICKEL COMPOUNDS	24,971
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NITROBENZENE	19,668
GGB, LLC (THOROFARE)	GLOUCESTER	LEAD	18,716
SUNOCO, INC. (R & M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	NICKEL	13,918