



Appendix F

2009 RPPR Annual Report

Summary of 2009 Materials Accounting Data

Cancer-Causing Substances (Carcinogens)

Appendix to the
**Community Right To Know
and Release and Pollution Prevention Report
for Reporting Year 2009
and
An Analysis of Materials Accounting Data
for Reporting Years 2000 to 2009**

New Jersey Department of Environmental Protection
Environmental Regulation
Division of Environmental Safety and Health
Office of Pollution Prevention and Right To Know
P.O. Box 443
Trenton, NJ 08625-0443
(609) 777-0518

www.state.nj.us/dep/opppc

Statewide Materials Accounting Summary – 2009 RPPR Carcinogens

	2009
Number of Facilities	245
Number of Substance Reports	503
Starting Inventory	177,629,392
Starting Inventory as NPO	298,709
Produced On Site	1,337,094,335
Brought On Site	1,836,408,513
Brought on Site as Recycled	4,967,737
Consumed	788,749,147
Shipped as (or in) Product	2,418,057,951
Ending Inventory	141,301,484
Ending Inventory as NPO	228,272
Nonproduct Output	8,355,837
On-Site Releases	331,565
Stack Air Emissions	235,870
Fugitive Air Emissions	45,937
Surface Water Discharge	9,301
Ground Water Discharge	0
Land Disposal On Site	40,457
On-Site Management	2,125,064
Recycled & Re-Used On Site	949,534
Energy Recovered On Site	5
Destroyed On Site	1,175,525
End Inv. (as NPO) minus Start Inv. (as NPO)	-70,437
Off-Site Transfers	5,969,645
POTW Discharge	119,751
Waste Transfer - Recycling	4,572,848
Waste Transfer - Energy Recovery	714,109
Waste Transfer - Treatment	200,203
Waste Transfer - Disposal	362,637
Total Substance USE or Throughput	3,215,162,936

Number of Facilities and Reports by County – 2009 RPPR Carcinogens

COUNTY	# of Facilities	# of Reports
ATLANTIC	3	3
BERGEN	25	38
BURLINGTON	18	29
CAMDEN	9	17
CAPE MAY	1	3
CUMBERLAND	4	6
ESSEX	19	45
GLOUCESTER	16	50
HUDSON	12	28
HUNTERDON	6	10
MERCER	6	12
MIDDLESEX	38	88
MONMOUTH	5	5
MORRIS	18	31
OCEAN	3	3
PASSAIC	17	24
SALEM	9	31
SOMERSET	7	15
SUSSEX	1	1
UNION	21	50
WARREN	7	14
TOTAL:	245	503

Throughput Data Summary by County – 2009 RPPR Carcinogens

COUNTY	Number of Facilities	Number of Reports	I N P U T S				O U T P U T S				USE
			Starting Inventory	Produced On Site	Brought On Site	Recycled & Re-Used On Site	Consumed	Shipped as (or in) Product	Ending Inventory	Nonproduct Output	
ATLANTIC	3	3	1,482	0	30,335	0	18,641	158	11,382	1,636	20,435
BERGEN	25	38	1,373,793	18,352	25,075,624	24,814	4,276,343	19,560,670	1,245,518	1,390,543	25,227,557
BURLINGTON	18	29	2,305,060	51,540	7,502,906	247,847	7,568,935	1,383,042	441,173	698,901	9,650,878
CAMDEN	9	17	4,244,239	0	48,528,423	4	25	49,304,741	3,465,348	2,390	49,307,156
CAPE MAY	1	3	8,521	25	24,157	0	22,600	303	8,418	1,381	24,285
CUMBERLAND	4	6	52,387	0	89,224	0	70,461	15,429	44,584	11,907	97,797
ESSEX	19	45	3,110,574	0	117,190,235	0	13,339,886	102,569,175	4,375,166	87,895	115,996,956
GLOUCESTER	16	50	30,400,696	395,771,014	339,998,361	388	317,839,212	429,285,225	18,184,644	759,070	747,883,508
HUDSON	12	28	1,584,074	110	19,820,211	79,310	294,075	19,656,632	1,323,443	202,149	20,152,856
HUNTERDON	6	10	88,893	0	1,046,734	415	0	829,553	79,388	227,671	1,057,223
MERCER	6	12	147,421	100	227,463	520	36,863	122,934	130,034	86,701	246,498
MIDDLESEX	38	88	29,908,043	53,958,416	196,582,490	96,070	22,736,644	237,574,810	22,722,097	606,518	260,917,971
MONMOUTH	5	5	208,160	0	8,749,354	60,000	0	8,658,088	292,056	67,293	8,725,381
MORRIS	18	31	4,212,434	0	20,664,884	437,104	2,668,206	16,882,768	3,580,004	2,049,195	21,600,169
OCEAN	3	3	10,830	0	31,089	2,712	0	17,377	4,840	21,294	38,671
PASSAIC	17	24	1,200,986	50	11,417,834	150	829,319	10,052,574	1,107,941	736,423	11,618,316
SALEM	9	31	12,873,288	45,556,027	293,383,323	0	342,175,132	45,156	8,926,785	616,736	342,837,023
SOMERSET	7	15	4,397,353	0	12,088,297	0	6,273,643	5,554,008	4,270,038	286,843	12,114,495
SUSSEX	1	1	36,593	0	1,378	0	0	0	27,061	10,589	10,589
UNION	21	50	78,345,277	841,738,700	665,285,368	0	2,596,706	1,515,696,503	68,193,062	420,521	1,518,713,731
WARREN	7	14	3,119,286	0	68,670,826	200	68,002,457	848,806	2,868,501	70,181	68,921,444
SUM:	245	503	177,629,392	1,337,094,335	1,836,408,513	949,534	788,749,147	2,418,057,951	141,301,484	8,355,837	3,215,162,936

Releases and Transfers Data Summary by County – 2009 RPPR

COUNTY	On-Site Releases						Off-Site Transfers						COUNTY
	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal On Site	On-Site Releases (sum)	POTW Discharges	Waste Transfer Recycling	Waste Transfer Energy Recovery	Waste Transfer Treatment	Waste Transfer Disposal	Off-Site Transfers (sum)	
ATLANTIC	1,626	10	0	0	0	1,636	0	0	0	0	0	0	ATLANTIC
BERGEN	29,276	121	3	0	0	29,400	60	1,278,204	22,078	13,538	6,346	1,320,225	BERGEN
BURLINGTON	49,681	470	5	0	0	50,156	146	11,990	897	47,526	12,981	73,539	BURLINGTON
CAMDEN	433	1,164	0	0	0	1,597	0	111	0	20	755	886	CAMDEN
CAPE MAY	44	0	0	0	0	44	0	0	0	0	1,337	1,337	CAPE MAY
CUMBERLAND	7,921	40	0	0	0	7,962	0	0	396	0	1,674	2,070	CUMBERLAND
ESSEX	2,780	897	6	0	0	3,683	53,007	9,381	23,260	2,108	52	87,808	ESSEX
GLOUCESTER	57,391	6,681	665	0	0	64,737	239	155,591	330,535	74,221	36,551	597,137	GLOUCESTER
HUDSON	1,553	644	1,665	0	0	3,862	7	10,992	0	5,010	101,062	117,071	HUDSON
HUNTERDON	27	19	8	0	0	53	0	161,323	0	0	66,640	227,963	HUNTERDON
MERCER	1,384	321	56	0	0	1,761	2	4,932	5,323	1	80	10,338	MERCER
MIDDLESEX	16,555	7,470	147	0	2,012	26,185	62,177	79,575	105,851	1,781	43,779	293,164	MIDDLESEX
MONMOUTH	1,027	0	0	0	0	1,027	1	6,112	0	292	0	6,405	MONMOUTH
MORRIS	12,887	113	13	0	0	13,013	32	1,592,649	0	1,102	5,255	1,599,037	MORRIS
OCEAN	340	101	0	0	0	441	0	14	4,278	0	0	4,292	OCEAN
PASSAIC	184	415	0	0	0	599	14	717,755	0	94	1,546	719,409	PASSAIC
SALEM	29,621	8,757	3,529	0	38,445	80,351	0	15,618	141,620	45,771	19,147	222,156	SALEM
SOMERSET	531	1,063	0	0	0	1,594	16	265,959	16,413	358	200	282,946	SOMERSET
SUSSEX	440	6,271	0	0	0	6,711	0	4,194	0	0	0	4,194	SUSSEX
UNION	18,946	10,535	1,359	0	0	30,839	4,051	255,289	35,768	108	41,400	336,615	UNION
WARREN	3,222	846	1,845	0	0	5,913	0	3,159	27,690	8,272	23,834	63,052	WARREN
SUM:	235,870	45,937	9,301	0	40,457	331,565	119,751	4,572,848	714,109	200,203	362,637	5,969,645	

Number of Facilities and Reports for Carcinogens by 3-Digit NAICS¹ Group – 2009 RPPR

NAICS Code 3 digits	Description	Number of Facilities	Number of Records
221	Electrical Utilities	13	35
311	Food Manufacturing	1	1
321	Wood Product Manufacturing	1	2
322	Paper Manufacturing	10	12
323	Printing	5	5
324	Petroleum & Coal Products Manufacturing	13	57
325	Chemical Manufacturing	64	122
326	Plastics & Rubber Products Manufacturing	9	14
327	Nonmetallic Mineral Product Manufacturing	10	11
331	Primary Metal Manufacturing	24	40
332	Fabricated Metal Products Manufacturing	22	38
333	Machinery Manufacturing	9	15
334	Computer & Electronic Product Manufacturing	19	19
335	Electrical Equip, Appliance, and Component Mfg	8	10
336	Transportation Equipment Manufacturing	4	8
339	Miscellaneous Manufacturing	9	12
424	Chemical & Petroleum Wholesalers	20	95
493	Warehousing & Storage	1	1
511	Publishing Industries	1	1
562	Waste Management & Remediation Services	2	5
	SUM:	245	503

1. NAICS – North American Industry Classification System

Chemical Use, Shipped as (or in) Product, Nonproduct Output & On-Site Releases
 Summary for Carcinogens
 by 3-Digit NAICS Group – 2009 RPPR
 (in descending order by Use)

NAICS CODE	Number of Facilities	Number of Reports	USE (pounds)	Shipped as (or in) Product (pounds)	Nonproduct Output (pounds)	On-Site Releases (pounds)
324	13	57	1,750,612,231	1,457,230,289	293,450	82,876
424	20	95	872,706,813	872,655,042	51,391	10,231
325	64	122	468,405,319	32,751,935	1,707,156	116,672
326	9	14	72,252,127	11,571,072	399,756	13,077
331	24	40	25,606,507	24,196,708	1,383,975	2,833
336	4	8	10,348,255	8,730,919	1,551,279	54,015
335	8	10	5,912,262	5,449,156	463,106	63
332	22	38	2,932,447	1,817,862	814,189	13,988
339	9	12	2,596,921	1,323,738	1,264,298	1,197
333	9	15	1,561,158	1,388,714	68,704	11,265
221	13	35	1,145,254	243,092	39,408	22,013
321	1	2	390,135	389,398	737	113
327	10	11	188,365	131,147	11,247	1,626
322	10	12	157,026	110,737	46,056	1,010
562	2	5	130,401	0	130,401	5
511	1	1	84,330	0	84,330	0
334	19	19	52,886	38,592	14,294	6
323	5	5	32,312	820	31,492	0
493	1	1	29,161	28,730	431	394
311	1	1	19,027	0	136	136
SUM:	245	503	3,215,162,936	2,418,057,951	8,355,837	331,565

Throughput Data Summary for Carcinogens by NAICS Code – 2009 RPPR

NAICS CODE	# of Facilities	# of Reports	IN P U T S				O U T P U T S				USE
			Starting Inventory	Manufactured	Brought On Site	Recycled & Re-Used On Site	Consumed	Shipped as (or in) Products	Ending Inventory	NPO	
221	13	35	1,452,688	33,751	1,703,137	0	862,754	243,092	2,045,137	39,408	1,145,254
311	1	1	2,928	0	20,862	0	18,891	0	4,899	136	19,027
321	1	2	614,893	0	0	0	0	389,398	225,494	737	390,135
322	10	12	15,149	0	152,894	730	233	110,737	9,815	46,056	157,026
323	5	5	34,928	50	2,675	25,334	0	820	35,646	31,492	32,312
324	13	57	94,321,285	1,250,515,810	465,521,358	29,475	293,088,491	1,457,230,289	59,691,715	293,450	1,750,612,231
325	64	122	20,244,938	86,532,941	377,347,614	310,737	433,946,227	32,751,935	15,833,487	1,707,156	468,405,319
326	9	14	1,827,632	0	70,986,174	415	60,281,298	11,571,072	611,152	399,756	72,252,127
327	10	11	75,006	0	179,523	0	45,971	131,147	67,957	11,247	188,365
331	24	40	9,357,227	1,160	23,571,265	143,468	25,824	24,196,708	7,217,362	1,383,975	25,606,507
332	22	38	386,064	0	2,841,342	0	300,396	1,817,862	297,837	814,189	2,932,447
333	9	15	123,708	0	1,537,274	0	103,740	1,388,714	100,743	68,704	1,561,158
334	19	19	36,226	0	75,078	360	0	38,592	58,518	14,294	52,886
335	8	10	326,608	0	5,755,472	0	0	5,449,156	226,175	463,106	5,912,262
336	4	8	2,758,366	0	9,657,101	436,374	66,057	8,730,919	2,372,733	1,551,279	10,348,255
339	9	12	50,773	0	2,599,123	2,238	8,885	1,323,738	53,176	1,264,298	2,596,921
424	20	95	45,957,662	10,623	874,207,957	403	380	872,655,042	52,404,658	51,391	872,706,813
493	1	1	0	0	29,161	0	0	28,730	0	431	29,161
511	1	1	38,693	0	87,689	0	0	0	42,052	84,330	84,330
562	2	5	4,617	0	132,813	0	0	0	2,928	130,401	130,401
SUM:	245	503	177,629,392	1,337,094,335	1,836,408,513	949,534	788,749,147	2,418,057,951	141,301,484	8,355,837	3,215,162,936

Releases and Transfers Data Summary for Carcinogens by NAICS Code – 2009 RPPR

NAICS CODE	On-Site Releases						Off-Site Transfers						NAICS CODE
	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal On Site	On-Site Releases (sum)	POTW Discharge	Waste Transfer Recycling	Waste Transfer Energy Recovery	Waste Transfer Treatment	Waste Transfer Disposal	Off-Site Transfers (sum)	
221	19,723	569	1,720	0	0	22,013	0	1,159	0	668	15,567	17,394	221
311	136	0	0	0	0	136	0	0	0	0	0	0	311
321	2	111	0	0	0	113	145	0	479	0	0	624	321
322	891	119	0	0	0	1,010	2	41	1,662	26	3,753	5,484	322
323	0	0	0	0	0	0	0	592	0	0	100	692	323
324	64,662	14,078	2,124	0	2,012	82,876	20	24,055	357	13,549	42,703	80,683	324
325	54,107	18,729	5,391	0	38,445	116,672	57,118	110,997	690,457	126,702	18,587	1,003,861	325
326	11,077	1,979	21	0	0	13,077	0	582	0	44,834	840	46,256	326
327	1,615	11	0	0	0	1,626	17	4,543	0	1	2,458	7,019	327
331	2,323	498	12	0	0	2,833	241	1,110,158	4,855	13,420	63,590	1,192,361	331
332	7,193	6,785	9	0	0	13,988	62,128	407,112	14,233	191	69,515	553,179	332
333	11,264	1	0	0	0	11,265	48	51,925	0	0	5,428	57,401	333
334	5	1	0	0	0	6	2	15,276	0	18	41	15,337	334
335	48	15	0	0	0	63	0	461,724	0	0	1,402	463,126	335
336	53,975	40	0	0	0	54,015	23	1,059,856	396	615	0	1,060,890	336
339	1,187	10	0	0	0	1,197	7	1,239,056	0	0	6,034	1,245,097	339
424	7,317	2,891	22	0	0	10,231	0	498	1,670	180	1,487	3,835	424
493	345	49	0	0	0	394	0	0	0	0	37	37	493
511	0	0	0	0	0	0	0	84,330	0	0	0	84,330	511
562	0	50	1	0	0	51	0	943	0	0	131,096	132,039	562
SUM:	235,870	45,937	9,301	0	40,457	331,565	119,751	4,572,848	714,109	200,203	362,637	5,969,645	

Releases and Transfers Data Summary for Carcinogens by Substance Name – 2009 RPPR

CAS #	Chemical Name	On-Site Releases						Off-Site Transfers					
		Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal On Site	On-Site Releases (sum)	POTW Discharge	Waste Transfer Recycling	Waste Transfer Energy Recovery	Waste Transfer Treatment	Waste Transfer Disposal	Off-Site Transfers (sum)
106-99-0	1,3-BU TADIENE	60	42	0	0	0	102	0	0	0	0	0	0
101-14-4	4,4-METHYLENEBIS(2- CHLOROANILINE)	0	0	0	0	0	0	0	0	0	0	0	0
75-07-0	ACETALDEHYDE	121	5	3	0	0	129	0	0	81	87	0	168
79-06-1	ACRYLAMIDE	0	8	0	0	0	8	0	5	0	195	0	200
107-13-1	ACRYLONITRILE	31	19	0	0	0	50	0	0	687	3,662	0	4,349
62-53-3	ANILINE (AND SALTS)	1,063	30	916	0	8	2,017	0	0	1,820	2,521	0	4,341
N020	ARSENIC COMPOUNDS	82	3	3	0	0	88	1	0	0	29	9,639	9,669
71-43-2	BENZENE	37,975	7,201	341	0	172	45,689	0	217	373	19,145	1,484	21,219
191-24-2	BENZO(G,H,I)PERYLENE	3	1	7	0	0	11	0	53	0	1	320	375
98-07-7	BENZOIC TRICHLORIDE	0	0	0	0	0	0	0	0	12,660	19	0	12,679
100-44-7	BENZYL CHLORIDE	1,123	79	24	0	0	1,226	0	0	328,474	34,328	0	362,802
7440-43-9	CADMIUM	0	0	0	0	0	0	0	2,900	0	0	0	2,900
N078	CADMIUM COMPOUNDS	5	0	0	0	0	5	1	0	0	70	1,558	1,629
120-80-9	CATECHOL	10	0	0	0	0	10	0	0	0	0	0	0
67-66-3	CHLOROFORM	13	14	0	0	0	27	5	20,302	14,073	102	0	34,482
74-87-3	CHLOROMETHANE	15,023	0	40	0	3	15,066	0	0	4	9	0	13
7440-47-3	CHROMIUM	440	6	5	0	0	451	6	922,076	0	434	26,001	948,517
N090	CHROMIUM COMPOUNDS	455	804	934	0	1,104	3,297	2	35,323	625	1,559	27,122	64,631
7440-48-4	COBALT	366	60	0	0	0	426	5	1,042,967	0	142	3,856	1,046,970
N096	COBALT COMPOUNDS	98	1	70	0	0	169	40	3,412	0	700	19,787	23,939
8001-58-9	CREOSOTE	2	5,459	0	0	30,273	35,734	138	0	433	0	11,000	11,571
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	1,027	9	0	0	0	1,036	0	48	138	0	0	186
25376-45-8	DIAMINOTOLUENE (MIXED ISOMERS)	0	0	0	0	0	0	0	0	0	0	0	0
75-09-2	DICHLOROMETHANE	28,872	4,698	2	0	0	33,572	4,053	180,317	107,905	17,705	8	309,988
64-67-5	DIETHYL SULFATE	0	0	0	0	0	0	1	0	0	0	0	1
101-90-6	DIGLYCIDYL RESORCINOL ETHER	1	1	0	0	0	2	0	0	0	216	0	216
106-89-8	EPICHLOROHYDRIN	1,064	457	0	0	0	1,521	53,000	0	7,000	2,377	0	62,377
140-88-5	ETHYL ACRYLATE	29	136	0	0	0	165	1	0	4	12,978	0	12,983
100-41-4	ETHYLBENZENE	16,397	8,551	191	0	0	25,139	22	16,106	125,028	9,347	1,898	152,401
75-21-8	ETHYLENE OXIDE	773	2,074	0	0	0	2,847	0	0	0	0	0	0
50-00-0	FORMALDEHYDE	46,421	122	0	0	0	46,543	8,875	0	5,080	1,036	1	14,992
67-72-1	HEXACHLOROETHANE	0	0	0	0	0	0	0	0	0	0	0	0
302-01-2	HYDRAZINE	143	0	0	0	0	143	53,250	0	0	0	0	53,250

Releases and Transfers Data Summary for Carcinogens by Substance Name – 2009 RPPR

CAS #	Chemical Name	On-Site Releases						Off-Site Transfers					
		Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal On Site	On-Site Releases (sum)	POTW Discharge	Waste Transfer Recycling	Waste Transfer Energy Recovery	Waste Transfer Treatment	Waste Transfer Disposal	Off-Site Transfers (sum)
7439-92-1	LEAD	389	15	3	0	2,012	2,419	31	566,929	0	142	37,673	604,774
N420	LEAD COMPOUNDS	1,092	105	410	0	481	2,087	1	500,484	26	5,417	135,237	641,262
1634-04-4	METHYL TER T-BUTYL ETHER	478	95	27	0	0	600	0	0	596	0	0	596
91-20-3	NAPHTHALENE	5,522	3,214	329	0	0	9,065	2	187	100,458	4,205	4,078	108,930
7440-02-0	NICKEL	1,773	58	57	0	0	1,888	79	1,255,088	0	7,507	69,110	1,331,784
N495	NICKEL COMPOUNDS	994	131	5,629	0	3,895	10,649	218	20,199	0	11,859	6,227	38,503
98-95-3	NITROBENZENE	2,523	0	77	0	14	2,614	0	0	1,112	8	0	1,120
90-04-0	O-ANISIDINE	0	0	0	0	0	0	0	0	0	0	0	0
N583	POLYCHLORINATED ALKANES	0	0	0	0	0	0	0	0	0	0	3,683	3,683
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	0	0	1	0	16	17	1	41	22	2	21	87
N590	POLYCYCLIC AROMATIC COMPOUNDS	272	477	212	0	2,479	3,439	7	794	46	101	3,075	4,022
75-56-9	PROPYLENE OXIDE	682	624	0	0	0	1,306	0	0	0	0	0	0
132-27-4	SODIUM O-PHENYLPHENOXIDE	0	0	0	0	0	0	0	0	0	0	0	0
100-42-5	STYRENE	56,448	1,441	0	0	0	57,889	12	1,206	7,227	4,541	20	13,006
127-18-4	TETRACHLOROETHYLENE	0	146	0	0	0	146	0	0	0	0	0	0
584-84-9	TOLUENE-2,4-DIISOCYANATE	5	7	0	0	0	12	0	0	0	143	0	143
91-08-7	TOLUENE-2,6-DIISOCYANATE	0	0	0	0	0	0	0	0	0	0	0	0
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	185	183	0	0	0	368	0	0	0	13,017	0	13,017
79-01-6	TRICHLOROETHYLENE	651	6,473	0	0	0	7,124	0	4,194	33	1	0	4,228
108-05-4	VINYL ACETATE	3,799	436	0	0	0	4,235	0	0	204	46,582	781	47,567
75-01-4	VINYL CHLORIDE	9,460	2,752	21	0	0	12,233	0	0	0	17	59	76
		235,870	45,937	9,301	0	40,457	331,565	119,751	4,572,848	714,109	200,203	362,637	5,969,645

Top 20 Carcinogens for Chemical Use – 2009 RPPR

Top 20 Carcinogens Used

CAS Number	SUBSTANCE NAME	USE (pounds)	% of Total
100-41-4	ETHYLBENZENE	1,101,186,380	34.25 %
71-43-2	BENZENE	1,025,176,954	31.89 %
91-20-3	NAPHTHALENE	475,741,498	14.80 %
75-01-4	VINYL CHLORIDE	261,377,408	8.13 %
75-21-8	ETHYLENE OXIDE	57,512,659	1.79 %
98-95-3	NITROBENZENE	45,379,386	1.41 %
100-44-7	BENZYL CHLORIDE	41,187,895	1.28 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	36,867,047	1.15 %
75-56-9	PROPYLENE OXIDE	23,437,344	0.73 %
7440-02-0 & N495	NICKEL & COMPOUNDS	22,427,183	0.70 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	20,357,266	0.63 %
100-42-5	STYRENE	18,014,890	0.56 %
140-88-5	ETHYL ACRYLATE	16,922,045	0.53 %
108-05-4	VINYL ACETATE	13,473,609	0.42 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	11,580,500	0.36 %
7439-92-1 & N420	LEAD & COMPOUNDS	10,397,111	0.32 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	6,028,864	0.19 %
75-09-2	DICHLOROMETHANE	5,221,978	0.16 %
7440-48-4 & N096	COBALT & COMPOUNDS	4,513,048	0.14 %
106-89-8	EPICHLOROHYDRIN	3,984,213	0.12 %
Sum of Top 20:		3,200,787,278	99.55 %
Sum Other:		14,375,658	0.45 %
Sum All:		3,215,162,936	100.00 %

Top 20 Facilities for Use of Carcinogens

FACILITY NAME (CITY)	COUNTY	USE (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	1,042,557,540	32.43 %
SUNOCO, INC.(R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	455,406,604	14.16 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	233,233,564	7.25 %
OXY VINYL S LP (PEDRICKTOWN)	SALEM	204,957,900	6.37 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	179,359,447	5.58 %
CONOCO PHILLIPS (LINDEN)	UNION	139,644,883	4.34 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	98,784,923	3.07 %
HESS CORPORATION (PORT READING)	MIDDLESEX	69,797,818	2.17 %
GULF OIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	69,071,529	2.15 %
BASF CORPORATION (WASHINGTON)	WARREN	68,003,503	2.12 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	61,256,332	1.91 %
GULF OIL LIMITED PARTNERSHIP (LINDEN)	UNION	59,483,928	1.85 %
GETTY PETROLEUM MARKETING INC (NEWARK)	ESSEX	54,141,842	1.68 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	53,020,986	1.65 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	45,781,712	1.42 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	45,278,914	1.41 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	42,706,350	1.33 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	41,144,536	1.28 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	34,542,939	1.07 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	23,370,314	0.73 %
Sum of Top 20:		3,021,545,565	93.98 %
Sum Other:		193,617,371	6.02 %
Sum All:		3,215,162,936	100.00 %

Top 20 Carcinogens Manufactured (Produced On Site) – 2009 RPPR

All Carcinogens Manufactured

CAS Number	SUBSTANCE NAME	Produced On Site (pounds)	% of Total
100-41-4	ETHYLBENZENE	628,066,458	46.97 %
71-43-2	BENZENE	431,287,001	32.26 %
91-20-3	NAPHTHALENE	179,213,481	13.40 %
98-95-3	NITROBENZENE	45,385,495	3.39 %
100-44-7	BENZYL CHLORIDE	40,923,107	3.06 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	8,183,903	0.61 %
106-99-0	1,3-BUTADIENE	3,667,526	0.27 %
62-53-3	ANILINE (AND SALTS)	116,268	0.01 %
191-24-2	BENZO(G,H,I)PERYLENE	80,256	0.01 %
101-90-6	DIGLYCIDYL RESORCINOL ETHER	50,380	0.00 %
50-00-0	FORMALDEHYDE	44,386	0.00 %
74-87-3	CHLOROMETHANE	40,920	0.00 %
98-07-7	BENZOIC TRICHLORIDE	16,771	0.00 %
N020	ARSENIC COMPOUNDS	9,665	0.00 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	3,759	0.00 %
7439-92-1 & N420	LEAD & COMPOUNDS	2,936	0.00 %
1634-04-4	METHYL TERT-BUTYL ETHER	2,022	0.00 %
7440-48-4 & N096	COBALT & COMPOUNDS	1	0.00 %
Sum of All:		1,337,094,335	100.00 %

All Facilities for Carcinogens Manufactured

FACILITY NAME (CITY)	COUNTY	Produced On Site (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	841,728,077	62.95 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	191,866,043	14.35 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	162,213,749	12.13 %
HESS CORPORATION (PORT READING)	MIDDLESEX	53,958,411	4.04 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	45,542,683	3.41 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	40,939,878	3.06 %
NUSTAR ASPHALT REFINING, LLC (WEST DEPTFORD TWP)	GLOUCESTER	749,529	0.06 %
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	50,380	0.00 %
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	18,352	0.00 %
CHAMBERS COGENERATION L. P. (CARNEYS POINT)	SALEM	13,344	0.00 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	10,623	0.00 %
LOGAN GENERATING COMPANY, L.P. (LOGAN TWP)	GLOUCESTER	1,815	0.00 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	1,160	0.00 %
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	110	0.00 %
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	100	0.00 %
ACME ENGRAVING CO INC (PASSAIC)	PASSAIC	50	0.00 %
RC CAPE MAY HOLDINGS LLC (BEESLEYS POINT)	CAPE MAY	25	0.00 %
PSEG FOSSIL LLC (SEWAREN)	MIDDLESEX	5	0.00 %
Sum of All:		1,337,094,334	100.00 %

Top 20 Carcinogens Brought On Site – 2009 RPPR

Top 20 Carcinogens Brought On Site

CAS Number	SUBSTANCE NAME	Brought On Site (pounds)	% of Total
71-43-2	BENZENE	567,842,993	30.92 %
100-41-4	ETHYLBENZENE	461,875,943	25.15 %
91-20-3	NAPHTHALENE	300,643,125	16.37 %
75-01-4	VINYL CHLORIDE	255,941,871	13.94 %
75-21-8	ETHYLENE OXIDE	57,593,552	3.14 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	29,440,559	1.60 %
75-56-9	PROPYLENE OXIDE	23,448,979	1.28 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	20,381,983	1.11 %
7440-02-0 & N495	NICKEL & COMPOUNDS	20,026,679	1.09 %
100-42-5	STYRENE	17,730,539	0.97 %
140-88-5	ETHYL ACRYLATE	16,721,225	0.91 %
108-05-4	VINYL ACETATE	13,261,590	0.72 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	11,028,847	0.60 %
7439-92-1 & N420	LEAD & COMPOUNDS	10,353,037	0.56 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	6,205,410	0.34 %
75-09-2	DICHLOROMETHANE	5,664,576	0.31 %
7440-48-4 & N096	COBALT & COMPOUNDS	4,345,900	0.24 %
106-89-8	EPICHLOROHYDRIN	3,743,354	0.20 %
50-00-0	FORMALDEHYDE	2,977,387	0.16 %
107-13-1	ACRYLONITRILE	2,295,652	0.13 %
Sum of Top 20:		1,831,523,201	99.73 %
Sum Other:		4,885,312	0.27 %
Sum All:		1,836,408,513	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	247,909,181	13.50 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	233,743,798	12.73 %
OXY VINYL LP (PEDRICKTOWN)	SALEM	200,982,461	10.94 %
CONOCOPHILLIPS CO (LINDEN)	UNION	184,593,876	10.05 %
CONOCO PHILLIPS (LINDEN)	UNION	142,796,960	7.78 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	93,129,050	5.07 %
GULFOIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	71,883,645	3.91 %
BASF CORPORATION (WASHINGTON)	WARREN	67,846,769	3.69 %
GULFOIL LIMITED PARTNERSHIP (LINDEN)	UNION	60,462,402	3.29 %
GETTY PETROLEUM MARKETING INC (NEWARK)	ESSEX	53,714,936	2.92 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	53,000,000	2.89 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	45,278,438	2.47 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	44,985,568	2.45 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	42,705,075	2.33 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	34,813,798	1.90 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	23,211,362	1.26 %
HESS CORPORATION (BAYONNE)	HUDSON	19,083,108	1.04 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	18,084,448	0.98 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	15,944,379	0.87 %
HESS CORPORATION (PERTH AMBOY)	MIDDLESEX	12,993,630	0.71 %
Sum of Top 20:		1,667,162,884	90.78 %
Sum Other:		169,245,630	9.22 %
Sum All:		1,836,408,513	100.00 %

Top 20 Carcinogens Consumed (in processes) – 2009 RPPR

Top 20 Carcinogens Consumed

CAS Number	SUBSTANCE NAME	Consumed On Site (pounds)	% of Total
75-01-4	VINYL CHLORIDE	261,026,097	33.09 %
71-43-2	BENZENE	248,740,096	31.54 %
75-21-8	ETHYLENE OXIDE	57,493,504	7.29 %
100-41-4	ETHYLBENZENE	55,530,852	7.04 %
98-95-3	NITROBENZENE	45,360,877	5.75 %
100-44-7	BENZYL CHLORIDE	26,041,443	3.30 %
75-56-9	PROPYLENE OXIDE	23,410,757	2.97 %
140-88-5	ETHYL ACRYLATE	16,906,763	2.14 %
108-05-4	VINYL ACETATE	13,386,454	1.70 %
100-42-5	STYRENE	10,250,663	1.30 %
91-20-3	NAPHTHALENE	9,259,249	1.17 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	5,973,405	0.76 %
106-99-0	1,3-BUTADIENE	3,601,876	0.46 %
106-89-8	EPICHLOROHYDRIN	3,596,174	0.46 %
50-00-0	FORMALDEHYDE	2,702,238	0.34 %
107-13-1	ACRYLONITRILE	2,212,073	0.28 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	817,061	0.10 %
79-06-1	ACRYLAMIDE	626,709	0.08 %
25376-45-8	DIAMINOTOLUENE (MIXED ISOMERS)	608,139	0.08 %
584-84-9	TOLUENE-2,4-DIISOCYANATE	437,835	0.06 %
Sum of Top 20:		787,982,265	99.90 %
Sum Other:		766,882	0.10 %
Sum All:		788,749,147	100.00 %

Top 20 Facilities for Carcinogens Consumed On Site

FACILITY NAME (CITY)	COUNTY	Consumed On Site (pounds)	% of Total
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	290,288,957	36.80 %
OXY VINYL SLP (PEDRICKTOWN)	SALEM	204,955,906	25.98 %
BASF CORPORATION (WASHINGTON)	WARREN	68,002,457	8.62 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	60,869,201	7.72 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	53,000,000	6.72 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	25,983,217	3.29 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	23,313,679	2.96 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	12,321,533	1.56 %
BENJAMIN MOORE & CO. (NEWARK)	ESSEX	11,688,260	1.48 %
EXXON MOBIL CHEMICAL CO (EDISON)	MIDDLESEX	9,222,467	1.17 %
RUST-OLEUM CORPORATION (SOMERSET)	SOMERSET	6,273,643	0.80 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	3,265,301	0.41 %
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	3,053,241	0.39 %
CONOCOPHILLIPS CO (LINDEN)	UNION	2,596,420	0.33 %
FOAMEX INNOVATIONS (EAST RUTHERFORD)	BERGEN	2,593,316	0.33 %
ISP CHEMICALS (CHATHAM)	MORRIS	2,564,466	0.33 %
CRESTFOAM INDUSTRIES INCORPORATED (MOONACHIE)	BERGEN	1,422,681	0.18 %
NATIONAL CASEIN OF NJ CORP (RIVERTON)	BURLINGTON	1,250,393	0.16 %
COIM USA, INC. (PAULSBORO)	GLOUCESTER	936,516	0.12 %
PSEG FOSSIL LLC (SEWAREN)	MIDDLESEX	783,731	0.10 %
Sum of Top 20:		784,385,385	99.45 %
Sum Other:		4,363,762	0.55 %
Sum All:		788,749,147	100.00 %

Top 20 Carcinogens Shipped as (or in) Product – 2009 RPPR

Top 20 Carcinogens Shipped as (or in) Product

CAS Number	SUBSTANCE NAME	Shipped as (or in) Product (pounds)	% of Total
100-41-4	ETHYLBENZENE	1,045,310,534	43.23 %
71-43-2	BENZENE	776,161,052	32.10 %
91-20-3	NAPHTHALENE	466,233,629	19.28 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	36,042,008	1.49 %
7440-02-0 & N495	NICKEL & COMPOUNDS	20,627,301	0.85 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	20,295,994	0.84 %
100-44-7	BENZYL CHLORIDE	14,827,651	0.61 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	10,488,945	0.43 %
7439-92-1 & N420	LEAD & COMPOUNDS	9,115,187	0.38 %
100-42-5	STYRENE	7,691,755	0.32 %
75-09-2	DICHLOROMETHANE	4,793,540	0.20 %
7440-48-4 & N096	COBALT & COMPOUNDS	3,365,740	0.14 %
191-24-2	BENZO(G,H,I)PERYLENE	785,695	0.03 %
67-66-3	CHLOROFORM	376,328	0.02 %
8001-58-9	CREOSOTE	353,999	0.01 %
1634-04-4	METHYL TERT-BUTYL ETHER	349,077	0.01 %
N583	POLYCHLORINATED ALKANES	240,153	0.01 %
50-00-0	FORMALDEHYDE	236,842	0.01 %
106-99-0	1,3-BUTADIENE	186,107	0.01 %
79-01-6	TRICHLOROETHYLENE	104,206	0.00 %
Sum of Top 20:		2,417,585,743	99.98 %
Sum Other:		472,208	0.02 %
Sum All:		2,418,057,951	100.00 %

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

FACILITY NAME (CITY)	COUNTY	Shipped as (or in) Product (pounds)	% of Total
CONOCOPHILLIPS CO (LINDEN)	UNION	1,039,920,207	43.01 %
CITGO PETROLEUM CORPORATION (LINDEN)	UNION	233,222,941	9.65 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	179,108,368	7.41 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	164,965,579	6.82 %
CONOCO PHILLIPS (LINDEN)	UNION	139,632,753	5.77 %
MOTIVA ENTERPRISES LLC (SEWAREN)	MIDDLESEX	98,764,442	4.08 %
HESS CORPORATION (PORT READING)	MIDDLESEX	69,746,615	2.88 %
GULFOIL LIMITED PARTNERSHIP (THOROFARE)	GLOUCESTER	69,070,986	2.86 %
GULFOIL LIMITED PARTNERSHIP (LINDEN)	UNION	59,483,418	2.46 %
GETTY PETROLEUM MARKETING INC (NEWARK)	ESSEX	54,141,651	2.24 %
HESS CORPORATION (PENNSAUKEN)	CAMDEN	45,779,951	1.89 %
BP PRODUCTS NORTH AMERICA INC (CARTERET)	MIDDLESEX	45,277,317	1.87 %
ALLIED AVIATION SERVICE CO OF NJ INC (ELIZABETH)	UNION	42,705,924	1.77 %
MOTIVA ENTERPRISES LLC (NEWARK)	ESSEX	34,542,516	1.43 %
HESS CORPORATION (BAYONNE)	HUDSON	19,258,471	0.80 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	14,845,505	0.61 %
HESS CORPORATION (PERTH AMBOY)	MIDDLESEX	13,509,497	0.56 %
COLORITE PLASTICS COMPANY (RIDGEFIELD)	BERGEN	11,322,606	0.47 %
BAYSHORE VINYL COMPOUNDS, INC. (TENNETT)	MONMOUTH	8,650,238	0.36 %
BP PRODUCTS NORTH AMERICA INC (NEWARK)	ESSEX	8,574,685	0.35 %
Sum of Top 20:		2,352,523,671	97.29 %
Sum Other:		65,534,281	2.71 %
Sum All:		2,418,057,951	100.00 %

Top 10 Carcinogens for Nonproduct Output – 2009 RPPR

Top 10 Carcinogens Generated as Nonproduct Output

CAS Number	SUBSTANCE NAME	Nonproduct Output (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	1,799,882	21.54 %
7439-92-1 & N420	LEAD & COMPOUNDS	1,281,924	15.34 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,147,308	13.73 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	1,091,555	13.06 %
75-09-2	DICHLOROMETHANE	428,438	5.13 %
75-01-4	VINYL CHLORIDE	351,305	4.20 %
100-41-4	ETHYL BENZENE	344,994	4.13 %
100-44-7	BENZYL CHLORIDE	318,801	3.82 %
106-89-8	EPICHLOROHYDRIN	293,932	3.52 %
71-43-2	BENZENE	275,806	3.30 %
Sum of Top 10:		7,333,945	87.77 %
Sum Other:		1,021,892	12.23 %
Sum All:		8,355,837	100.00 %

Top 10 Facilities Generating Nonproduct Output of Carcinogens

FACILITY NAME (CITY)	COUNTY	Nonproduct Output (pounds)	% of Total
HOWMET CASTINGS AND SERVICES, INC. (ROCKAWAY TWP)	MORRIS	1,259,362	15.07 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	807,701	9.67 %
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	398,589	4.77 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	397,362	4.76 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	379,704	4.54 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	377,757	4.52 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	315,814	3.78 %
RATHGIBSON NORTH BRANCH LLC (NORTH BRANCH)	SOMERSET	249,188	2.98 %
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	239,547	2.87 %
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	236,063	2.83 %
Sum of Top 10:		4,661,087	55.78 %
Sum Other:		3,694,750	44.22 %
Sum All:		8,355,837	100.00 %

Top 10 Individual Reports of Nonproduct Output for Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Nonproduct Output (pounds)
HOWMET CASTINGS AND SERVICES, INC. (ROCKAWAY TWP)	MORRIS	NICKEL	860,397
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	551,534
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	397,362
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	328,325
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	302,967
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	COBALT	274,442
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	CHROMIUM	256,167
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	239,426
THE OKONITE COMPANY, INC (PATERSON)	PASSAIC	LEAD	218,804
HOWMET CASTINGS AND SERVICES, INC. (ROCKAWAY TWP)	MORRIS	COBALT	201,321

Top 10 On-Site Releases of Carcinogens – 2009 RPPR

Top 10 Carcinogens Released On Site

CAS Number	SUBSTANCE NAME	On-Site Releases (pounds)	% of Total
100-42-5	STYRENE	57,889	17.46 %
50-00-0	FORMALDEHYDE	46,543	14.04 %
71-43-2	BENZENE	45,689	13.78 %
8001-58-9	CREOSOTE	35,734	10.78 %
75-09-2	DICHLOROMETHANE	33,572	10.13 %
100-41-4	ETHYLBENZENE	25,139	7.58 %
74-87-3	CHLOROMETHANE	15,066	4.54 %
7440-02-0 & N495	NICKEL & COMPOUNDS	12,537	3.78 %
75-01-4	VINYL CHLORIDE	12,233	3.69 %
91-20-3	NAPHTHALENE	9,065	2.73 %
Sum of Top 10:		293,467	88.51 %
Sum Other:		38,098	11.49 %
Sum All:		331,565	100.00 %

Top 10 Facilities for On-Site Releases of Carcinogens

FACILITYNAME (CITY)	COUNTY	On-Site Releases (pounds)	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	67,828	20.46 %
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	45,958	13.86 %
SUNOCO, INC.(R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	36,539	11.02 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	23,741	7.16 %
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	18,358	5.54 %
CONOCOPHILLIPS CO (LINDEN)	UNION	13,797	4.16 %
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	13,434	4.05 %
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	11,260	3.40 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	9,324	2.81 %
HESS CORPORATION (PORTREADING)	MIDDLESEX	8,718	2.63 %
Sum of Top 10:		248,957	75.09 %
Sum Other:		82,608	24.91 %
Sum All:		331,565	100.00 %

Top 10 Individual Reports of On-Site Releases for Carcinogens

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Releases (pounds)
VIKING YACHT CO CORP (NEW GRETN A)	BURLINGTON	STYRENE	45,958
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CREOSOTE	35,621
SUNOCO, INC.(R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	FORMALDEHYDE	26,034
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	FORMALDEHYDE	18,358
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	BENZENE	15,426
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	15,066
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	DICHLOROMETHANE	13,434
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	DICHLOROMETHANE	11,260
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	9,324
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	7,961

Top 10 Total Air Emissions of Carcinogens – 2009 RPPR

Top 10 Carcinogens for Total Air Emissions

CAS Number	SUBSTANCE NAME	Total Air Emissions (pounds)	% of Total
100-42-5	STYRENE	57,889	20.54 %
50-00-0	FORMALDEHYDE	46,543	16.52 %
71-43-2	BENZENE	45,176	16.03 %
75-09-2	DICHLOROMETHANE	33,570	11.91 %
100-41-4	ETHYL BENZENE	24,948	8.85 %
74-87-3	CHLOROMETHANE	15,023	5.33 %
75-01-4	VINYL CHLORIDE	12,212	4.33 %
91-20-3	NAPHTHALENE	8,736	3.10 %
79-01-6	TRICHLOROETHYLENE	7,124	2.53 %
8001-58-9	CREOSOTE	5,461	1.94 %
Sum of Top 10:		256,682	91.08 %
Sum Other:		25,125	8.92 %
Sum All:		281,807	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 GREYNA)	BURLINGTON	45,958	16.31 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	36,486	12.95 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	25,870	9.18 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	23,153	8.22 %
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	18,358	6.51 %
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	13,434	4.77 %
CONOCOPHILLIPS CO (LINDEN)	UNION	12,445	4.42 %
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	11,260	4.00 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	9,308	3.30 %
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	7,961	2.82 %
Sum of Top 10:		204,234	72.47 %
Sum Other:		77,574	27.53 %
Sum All:		281,807	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 GREYNA)	BURLINGTON	STYRENE	45,958
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	FORMALDEHYDE	26,034
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	FORMALDEHYDE	18,358
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	BENZENE	15,426
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	15,023
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	DICHLOROMETHANE	13,434
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	DICHLOROMETHANE	11,260
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	9,308
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	7,961
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	7,243

Top 10 Stack Air Emissions of Carcinogens – 2009 RPPR

Top 10 Carcinogens for Stack Air Emissions

CAS Number	SUBSTANCE NAME	Stack Air Emissions (pounds)	% of Total
100-42-5	STYRENE	56,448	23.93 %
50-00-0	FORMALDEHYDE	46,421	19.68 %
71-43-2	BENZENE	37,975	16.10 %
75-09-2	DICHLOROMETHANE	28,872	12.24 %
100-41-4	ETHYLBENZENE	16,397	6.95 %
74-87-3	CHLOROMETHANE	15,023	6.37 %
75-01-4	VINYL CHLORIDE	9,460	4.01 %
91-20-3	NAPHTHALENE	5,522	2.34 %
108-05-4	VINYL ACETATE	3,799	1.61 %
7440-02-0 & N495	NICKEL & COMPOUNDS	2,767	1.17 %
Sum of Top 10:		222,684	94.41 %
Sum Other:		13,186	5.59 %
Sum All:		235,870	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	45,958	19.48 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	34,076	14.45 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	20,263	8.59 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	19,799	8.39 %
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	18,358	7.78 %
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	11,260	4.77 %
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	9,483	4.02 %
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	7,921	3.36 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	7,601	3.22 %
CONOCOPHILLIPS CO (LINDEN)	UNION	6,793	2.88 %
Sum of Top 10:		181,512	76.95 %
Sum Other:		54,358	23.05 %
Sum All:		235,870	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	45,958
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	FORMALDEHYDE	26,034
PSEG POWER FOSSIL LLC (RIDGEFIELD)	BERGEN	FORMALDEHYDE	18,358
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	15,023
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	BENZENE	13,700
WILLIAM STEINEN MFG CO (PARSIPPANY-TROY HILLS TWP)	MORRIS	DICHLOROMETHANE	11,260
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	DICHLOROMETHANE	9,483
SILVERTON MARINE CORPORATION (MILLVILLE)	CUMBERLAND	STYRENE	7,921
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	7,601
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	ETHYLBENZENE	5,647

Top 10 Fugitive Air Emissions of Carcinogens – 2009 RPPR

Top 10 Carcinogens for Fugitive Air Emissions

CAS Number	SUBSTANCE NAME	Fugitive Air Emissions (pounds)	% of Total
100-41-4	ETHYLBENZENE	8,551	18.61 %
71-43-2	BENZENE	7,201	15.68 %
79-01-6	TRICHLOROETHYLENE	6,473	14.09 %
8001-58-9	CREOSOTE	5,459	11.88 %
75-09-2	DICHLOROMETHANE	4,698	10.23 %
91-20-3	NAPHTHALENE	3,214	7.00 %
75-01-4	VINYL CHLORIDE	2,752	5.99 %
75-21-8	ETHYLENE OXIDE	2,074	4.51 %
100-42-5	STYRENE	1,441	3.14 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	810	1.76 %
Sum of Top 10:		42,673	92.89 %
Sum Other:		3,264	7.11 %
Sum All:		45,937	100.00 %

Top 10 Facilities for Fugitive Air Emissions of Carcinogens

FACILITYNAME (CITY)	COUNTY	Fugitive Air Emissions (pounds)	% of Total
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	6,271	13.65 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	6,071	13.22 %
CONOCOPHILLIPS CO (LINDEN)	UNION	5,653	12.30 %
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	3,951	8.60 %
HESS CORPORATION (PORTREADING)	MIDDLESEX	3,091	6.73 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	2,890	6.29 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	2,410	5.25 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	2,074	4.51 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	1,707	3.72 %
RUST-OLEUM CORPORATION (SOMERSET)	SOMERSET	1,023	2.23 %
Sum of Top 10:		35,141	76.50 %
Sum Other:		10,797	23.50 %
Sum All:		45,937	100.00 %

Top 10 Individual Reports of Fugitive Air Emissions of Carcinogens

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	Fugitive Air Emissions (pounds)
ACCURATE FORMING DIV. OF SHAN INDUST (HAMBURG)	SUSSEX	TRICHLOROETHYLENE	6,271
CONOCOPHILLIPS CO (LINDEN)	UNION	BENZENE	2,250
CONOCOPHILLIPS CO (LINDEN)	UNION	ETHYLBENZENE	2,200
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CREOSOTE	5,348
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	ETHYLENE OXIDE	2,074
HESS CORPORATION (PORTREADING)	MIDDLESEX	ETHYLBENZENE	2,382
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	DICHLOROMETHANE	3,951
POLYONE CORPORATION (OLDMANS TWP)	SALEM	VINYL CHLORIDE	1,707
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	1,727
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	BENZENE	1,726

Top 10 Surface Water Discharges of Carcinogens – 2009 RPPR

Top 10 Carcinogens Discharged to Surface Water

CAS Number	SUBSTANCE NAME	Surface Water Discharges (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	5,686	61.14 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	939	10.10 %
62-53-3	ANILINE (AND SALTS)	916	9.85 %
7439-92-1 & N420	LEAD & COMPOUNDS	413	4.44 %
71-43-2	BENZENE	341	3.67 %
91-20-3	NAPHTHALENE	329	3.54 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	212	2.27 %
100-41-4	ETHYL BENZENE	191	2.05 %
98-95-3	NITROBENZENE	77	0.83 %
7440-48-4 & N096	COBALT & COMPOUNDS	70	0.75 %
Sum of Top 10:		9,173	98.63 %
Sum Other:		128	1.37 %
Sum All:		9,301	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	3,513	37.77 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	1,843	19.82 %
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	1,664	17.89 %
CONOCOPHILLIPS CO (LINDEN)	UNION	1,352	14.54 %
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	588	6.32 %
HESS CORPORATION (PORT READING)	MIDDLESEX	128	1.38 %
PSEG FOSSIL LLC (HAMILTON TWP)	MERCER	56	0.60 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	53	0.57 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	24	0.26 %
POLY ONE CORPORATION (OLDMANS TWP)	SALEM	16	0.17 %
Sum of Top 10:		9,237	99.31 %
Sum Other:		64	0.69 %
Sum All:		9,301	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	NICKEL COMPOUNDS	1,941
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	NICKEL COMPOUNDS	1,773
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ANILINE (AND SALTS)	916
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	NICKEL COMPOUNDS	832
PSEG FOSSIL LLC (JERSEY CITY)	HUDSON	CHROMIUM COMPOUND	827
VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP)	GLOUCESTER	NICKEL COMPOUNDS	588
CONOCOPHILLIPS CO (LINDEN)	UNION	NICKEL COMPOUNDS	377
CONOCOPHILLIPS CO (LINDEN)	UNION	NAPHTHALENE	323
CONOCOPHILLIPS CO (LINDEN)	UNION	BENZENE	320
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD COMPOUNDS	318

Top 10 On-Site Land Disposals of Carcinogens – 2009 RPPR

All Carcinogens for On-Site Land Disposal

CAS Number	SUBSTANCE NAME	On-Site Land Disposal (pounds)	% of Total
8001-58-9	CREOSOTE	30,273	74.83 %
7440-02-0 & N495	NICKEL & COMPOUNDS	3,895	9.63 %
7439-92-1 & N420	LEAD & COMPOUNDS	2,493	6.16 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	2,479	6.13 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	1,104	2.73 %
71-43-2	BENZENE	172	0.43 %
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBS)	16	0.04 %
98-95-3	NITROBENZENE	14	0.03 %
62-53-3	ANILINE (AND SALTS)	8	0.02 %
74-87-3	CHLOROMETHANE	3	0.01 %
Sum of All:		40,457	100.00 %

All Facilities for On-Site Land Disposal of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Land Disposal (pounds)	% of Total
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	38,445	95.03 %
H E S S C O R P O R A T I O N (P O R T R E A D I N G)	MIDDLESEX	2,012	4.97 %
Sum of All:		40,457	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 D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	CREOSOTE	30,273
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	NICKEL COMPOUNDS	3,895
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	POLYCYCLIC AROMATIC COMPOUNDS	2,479
H E S S C O R P O R A T I O N (P O R T R E A D I N G)	MIDDLESEX	LEAD	2,012
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	CHROMIUM COMPOUNDS	1,104
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	LEAD COMPOUNDS	481
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	BENZENE	172
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	POLYCHLORINATED BIPHENYLS (PCBS)	16
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	NITROBENZENE	14
E I D U P O N T D E N E M O U R S & C O I N C (P E N N S V I L L E)	SALEM	ANILINE (AND SALTS)	8

Top 10 On-Site Management of Carcinogens – 2009 RPPR

Top 10 Carcinogens Managed as NPO On Site

CASNumber	SUBSTANCE NAME	On-Site Management (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	417,087	19.63 %
75-01-4	VINYL CHLORIDE	338,996	15.95 %
106-89-8	EPICHLOROHYDRIN	247,847	11.66 %
71-43-2	BENZENE	208,898	9.83 %
100-41-4	ETHYLBENZENE	168,067	7.91 %
91-20-3	NAPHTHALENE	130,759	6.15 %
62-53-3	ANILINE (AND SALTS)	111,737	5.26 %
75-09-2	DICHLOROMETHANE	80,128	3.77 %
7440-48-4 & N096	COBALT & COMPOUNDS	76,165	3.58 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	72,979	3.43 %
Sum of Top 10:		1,852,663	87.18 %
Sum Other:		272,401	12.82 %
Sum All:		2,125,064	100.00 %

Top 10 Facilities for NPO Managed On Site for Carcinogens

FACILITYNAME (CITY)	COUNTY	On-Site Management (pounds)	% of Total
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	389,452	18.33 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	328,374	15.45 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	276,369	13.01 %
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	247,847	11.66 %
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	77,072	3.63 %
BWAY PACKAGING (TRENTON)	MERCER	74,082	3.49 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	69,913	3.29 %
GEN TEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	68,403	3.22 %
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	66,196	3.12 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	60,132	2.83 %
Sum of Top 10:		1,657,840	78.01 %
Sum Other:		467,224	21.99 %
Sum All:		2,125,064	100.00 %

Top 10 Individual Reports of NPO Managed On Site for Carcinogens

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Management (pounds)
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	327,361
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	NICKEL	251,446
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	247,847
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ANILINE (AND SALTS)	111,737
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	BENZENE	110,766
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	COBALT	71,057
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	CHROMIUM	66,949
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	NICKEL	66,196
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	NICKEL	63,074
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	62,283

Top 10 On-Site Recycling of Carcinogens – 2009 RPPR

Top 10 Carcinogens Recycled On Site

CASNumber	SUBSTANCE NAME	On-Site Recycling (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	417,087	43.93 %
106-89-8	EPICHLOROHYDRIN	247,847	26.10 %
7440-48-4 & N096	COBALT & COMPOUNDS	76,165	8.02 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	72,979	7.69 %
117-81-7	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	60,000	6.32 %
7439-92-1 & N420	LEAD & COMPOUNDS	42,116	4.44 %
91-20-3	NAPHTHALENE	27,737	2.92 %
100-41-4	ETHYLBENZENE	4,470	0.47 %
N583	POLYCHLORINATED ALKANES	722	0.08 %
71-43-2	BENZENE	379	0.04 %
Sum of Top 10:		949,502	100.00 %
Sum Other:		32	0.00 %
Sum All:		949,534	100.00 %

Top 10 Facilities for On-Site Recycling of Carcinogens

FACILITYNAME (CITY)	COUNTY	On-Site Recycling (pounds)	% of Total
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	389,452	41.02 %
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	247,847	26.10 %
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	77,072	8.12 %
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	66,196	6.97 %
BAYSHORE VINYL COMPOUNDS, INC. (TENNET)	MONMOUTH	60,000	6.32 %
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	46,922	4.94 %
HESS CORPORATION (PORT READING)	MIDDLESEX	29,471	3.10 %
MYRON MANUFACTURING CORP (MAYWOOD)	BERGEN	24,814	2.61 %
MAYNATIONAL ASSOCIATES INC (LAKEWOOD)	OCEAN	2,712	0.29 %
U S CASTINGS CORPORATION (UNION CITY)	HUDSON	2,238	0.24 %
Sum of Top 10:		946,724	99.70 %
Sum Other:		2,810	0.30 %
Sum All:		949,534	100.00 %

Top 10 Individual Reports of On-Site Recycling of Carcinogens

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Recycling (pounds)
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	NICKEL	251,446
CVC SPECIALTY CHEMICALS INC (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	247,847
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	COBALT	71,057
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	CHROMIUM	66,949
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	NICKEL	66,196
KEARNY SMELTING & REFINING CORP. (KEARNY)	HUDSON	NICKEL	63,074
BAYSHORE VINYL COMPOUNDS, INC. (TENNET)	MONMOUTH	DI(2-ETHYLHEXYL) PHTHALATE [DEHP]	60,000
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	NICKEL	36,011
HESS CORPORATION (PORT READING)	MIDDLESEX	NAPHTHALENE	27,737
MYRON MANUFACTURING CORP (MAYWOOD)	BERGEN	LEAD	24,814

Top 10 On-Site Energy Recovery of Carcinogens – 2009 RPPR

One Carcinogen Destroyed On Site for Energy Recovery

CAS Number	SUBSTANCE NAME	On-Site Energy Recovery (pounds)	% of Total
N590	POLYCYCLIC AROMATIC COMPOUNDS	5	100

One Facility for On-Site Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	On-Site Energy Recovery (pounds)	% of Total
NUSTAR ASPHALT REFINING, LLC (WEST DEPTFORD TWP)	GLOUCESTER	5	100.00 %
Sum of All:		5	100.00%

One Individual Report of On-Site Energy Recovery of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	On-Site Energy Recovery (pounds)
NUSTAR ASPHALT REFINING, LLC (WEST DEPTFORD TWP)	GLOUCESTER	POLYCYCLIC AROMATIC COMPOUNDS	5

Top 10 Destroyed through On-Site Treatment of Carcinogens – 2009 RPPR

Top 10 Carcinogens Destroyed through On-Site Treatment

CASNumber	SUBSTANCE NAME	Destroyed On-Site (pounds)	% of Total
75-01-4	VINYL CHLORIDE	338,996	28.84 %
71-43-2	BENZENE	208,519	17.74 %
100-41-4	ETHYLBENZENE	163,597	13.92 %
62-53-3	ANILINE (AND SALTS)	111,737	9.51 %
91-20-3	NAPHTHALENE	103,022	8.76 %
75-09-2	DICHLOROMETHANE	80,128	6.82 %
50-00-0	FORMALDEHYDE	49,462	4.21 %
74-87-3	CHLOROMETHANE	38,761	3.30 %
108-05-4	VINYL ACETATE	32,639	2.78 %
75-21-8	ETHYLENE OXIDE	16,308	1.39 %
Sum of Top 10:		1,143,169	97.25 %
Sum Other:		32,356	2.75 %
Sum All:		1,175,525	100.00 %

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

FACILITYNAME (CITY)	COUNTY	Destroyed On-Site (pounds)	% of Total
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	328,374	27.93 %
E I D UPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	276,369	23.51 %
BWAY PACKAGING (TRENTON)	MERCER	74,082	6.30 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	69,913	5.95 %
GEN TEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	68,403	5.82 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	60,132	5.12 %
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	53,000	4.51 %
MAUSER CORP (WOODBIDGE)	MIDDLESEX	38,173	3.25 %
SIEGFRIED (USA), INC. (PENNSVILLE)	SALEM	20,935	1.78 %
INFINEUM USA (LINDEN)	UNION	20,032	1.70 %
Sum of Top 10:		1,009,413	85.87 %
Sum Other:		166,112	14.13 %
Sum All:		1,175,525	100.00 %

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

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	Destroyed On-Site (pounds)
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL CHLORIDE	327,361
E I D UPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	ANILINE (AND SALTS)	111,737
E I D UPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	BENZENE	110,766
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	BENZENE	62,283
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	DICHLOROMETHANE	60,085
GEN TEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	NAPHTHALENE	56,367
BWAY PACKAGING (TRENTON)	MERCER	ETHYL BENZENE	53,698
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	FORMALDEHYDE	46,000
E I D UPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	38,761
MAUSER CORP (WOODBIDGE)	MIDDLESEX	ETHYL BENZENE	38,173

Top 10 Off-Site Transfers of Carcinogens – 2009 RPPR

Top 10 Carcinogens Transferred Off-Site

CAS Number	SUBSTANCE NAME	Off-Site Transfers (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	1,370,287	22.95 %
7439-92-1 & N420	LEAD & COMPOUNDS	1,246,036	20.87 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,070,909	17.94 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	1,013,148	16.97 %
100-44-7	BENZYL CHLORIDE	362,802	6.08 %
75-09-2	DICHLOROMETHANE	309,988	5.19 %
100-41-4	ETHYLBENZENE	152,401	2.55 %
91-20-3	NAPHTHALENE	108,930	1.82 %
106-89-8	EPICHLOROHYDRIN	62,377	1.04 %
302-01-2	HYDRAZINE	53,250	0.89 %
Sum of Top 10:		5,750,128	96.32 %
Sum Other:		219,518	3.68 %
Sum All:		5,969,645	100.00 %

Top 10 Facilities for Off-Site Transfers of Carcinogens

FACILITY NAME (CITY)	COUNTY	Off-Site Transfers (pounds)	% of Total
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	869,847	14.57 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	807,679	13.53 %
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	398,651	6.68 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	397,313	6.66 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	359,670	6.02 %
RATHGIBSON NORTH BRANCH LLC (NORTH BRANCH)	SOMERSET	249,185	4.17 %
CUSTOM ALLOY CORP (HIGH BRIDGE)	HUNTERDON	219,626	3.68 %
THE OKONITE COMPANY, INC (PATERSON)	PASSAIC	218,804	3.67 %
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	194,696	3.26 %
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	189,108	3.17 %
Sum of Top 10:		3,904,579	65.41 %
Sum Other:		2,065,067	34.59 %
Sum All:		5,969,645	100.00 %

Top 10 Individual Reports of Off-Site Transfers of Carcinogens

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Transfers (pounds)
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	NICKEL	608,910
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	551,520
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	397,313
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	346,991
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	COBALT	274,485
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	CHROMIUM	256,159
THE OKONITE COMPANY, INC (PATERSON)	PASSAIC	LEAD	218,804
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD	180,421
RATHGIBSON NORTH BRANCH LLC (NORTH BRANCH)	SOMERSET	CHROMIUM	145,394
CUSTOM ALLOY CORP (HIGH BRIDGE)	HUNTERDON	NICKEL	141,602

Top 10 Discharges to Publicly-Owned Treatment Works (POTWs) of Carcinogens – 2009 RPPR

Top 10 Carcinogens Discharged to POTWs

CASNumber	SUBSTANCE NAME	POTW Discharges (pounds)	% of Total
302-01-2	HYDRAZINE	53,250	44.47 %
106-89-8	EPICHLOROHYDRIN	53,000	44.26 %
50-00-0	FORMALDEHYDE	8,875	7.41 %
75-09-2	DICHLOROMETHANE	4,053	3.38 %
7440-02-0 & N495	NICKEL & COMPOUNDS	297	0.25 %
8001-58-9	CREOSOTE	138	0.12 %
7440-48-4 & N096	COBALT & COMPOUNDS	45	0.04 %
7439-92-1 & N420	LEAD & COMPOUNDS	32	0.03 %
100-41-4	ETHYLBENZENE	22	0.02 %
100-42-5	STYRENE	12	0.01 %
Sum of Top 10:		119,724	99.98 %
Sum Other:		27	0.02 %
Sum All:		119,751	100.00 %

Top 10 Facilities for Discharges to POTWs of Carcinogens

FACILITYNAME (CITY)	COUNTY	POTW Discharges (pounds)	% of Total
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	62,125	51.88 %
CARDOLITE CORPORATION (NEWARK)	ESSEX	53,000	44.26 %
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	4,050	3.38 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	218	0.18 %
ATLANTIC WOOD INDUSTRIES INC. (HAINESPORT)	BURLINGTON	145	0.12 %
AKCROS CHEMICALS INC. (NEW BRUNSWICK)	MIDDLESEX	42	0.04 %
ARROW FASTENER CO., LLC (SADDLE BROOK TWP)	BERGEN	40	0.03 %
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	23	0.02 %
NUSTAR ASPAHLT REFINING, LLC (WEST DEPTFORD TWP)	GLOUCESTER	20	0.02 %
POTTERS INDUSTRIES INC (CARLSTADT)	BERGEN	17	0.01 %
Sum of Top 10:		119,680	99.94 %
Sum Other:		72	0.06 %
Sum All:		119,751	100.00 %

Top 10 Individual Reports of Discharges to POTWs of Carcinogens

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	POTW Discharges (pounds)
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	HYDRAZINE	53,250
CARDOLITE CORPORATION (NEWARK)	ESSEX	EPICHLOROHYDRIN	53,000
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	FORMALDEHYDE	8,875
MERCK SHARP & DOHME CORP (RAHWAY)	UNION	DICHLOROMETHANE	4,050
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	NICKEL COMPOUNDS	218
ATLANTIC WOOD INDUSTRIES INC. (HAINESPORT)	BURLINGTON	CREOSOTE	138
AKCROS CHEMICALS INC. (NEW BRUNSWICK)	MIDDLESEX	COBALT COMPOUNDS	40
ARROW FASTENER CO., LLC (SADDLE BROOK TWP)	BERGEN	NICKEL	40
NUSTAR ASPAHLT REFINING, LLC (WEST DEPTFORD TWP)	GLOUCESTER	ETHYLBENZENE	20
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	NICKEL	18

Top 10 Transfers for Off-Site Recycling of Carcinogens – 2009 RPPR

Top 10 Carcinogens Transferred Off Site for Recycling

CASNumber	SUBSTANCE NAME	Off-Site Recycling (pounds)	% of Total
7440-02-0 & N495	NICKEL & COMPOUNDS	1,275,287	27.89 %
7439-92-1 & N420	LEAD & COMPOUNDS	1,067,413	23.34 %
7440-48-4 & N096	COBALT & COMPOUNDS	1,046,379	22.88 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	957,399	20.94 %
75-09-2	DICHLOROMETHANE	180,317	3.94 %
67-66-3	CHLOROFORM	20,302	0.44 %
100-41-4	ETHYLBENZENE	16,106	0.35 %
79-01-6	TRICHLOROETHYLENE	4,194	0.09 %
7440-43-9 & N078	CADMIUM & COMPOUNDS	2,900	0.06 %
100-42-5	STYRENE	1,206	0.03 %
Sum of Top 10:		4,571,503	99.97 %
Sum Other:		1,345	0.03 %
Sum All:		4,572,848	100.00 %

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

FACILITYNAME (CITY)	COUNTY	Off-Site Recycling (pounds)	% of Total
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	869,847	19.02 %
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	801,728	17.53 %
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	398,651	8.72 %
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	397,313	8.69 %
RATHGIBSON NORTH BRANCH LLC (NORTH BRANCH)	SOMERSET	249,185	5.45 %
THE OKONITE COMPANY, INC (PATERSON)	PASSAIC	218,791	4.78 %
THYSSEN KRUPP VDM USA, INC. (EAST HANOVER TWP)	MORRIS	194,696	4.26 %
HOWMET CASTINGS AND SERVICES, INC (ROCKAWAY TWP)	MORRIS	188,803	4.13 %
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	180,421	3.95 %
WYMAN-GORDON FORGINGS, INC. (ROCKAWAY)	MORRIS	162,204	3.55 %
Sum of Top 10:		3,661,639	80.07 %
Sum Other:		911,209	19.93 %
Sum All:		4,572,848	100.00 %

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

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Recycling (pounds)
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	NICKEL	608,910
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	COBALT	547,710
ATLANTIC BATTERY CORP. (PATERSON)	PASSAIC	LEAD COMPOUNDS	397,313
BIOMET FAIR LAWN LLC (FAIR LAWN BORO)	BERGEN	COBALT	274,485
STRYKER ORTHOPAEDICS (MAHWAH TWP)	BERGEN	CHROMIUM	254,018
THE OKONITE COMPANY, INC (PATERSON)	PASSAIC	LEAD	218,791
ELECTRUM RECOVERY WORKS INC (RAHWAY)	UNION	LEAD	180,421
RATHGIBSON NORTH BRANCH LLC (NORTH BRANCH)	SOMERSET	CHROMIUM	145,394
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	CHROMIUM	130,684
HOWMET CASTINGS AND SERVICES, INC.. (ROCKAWAY TWP)	MORRIS	COBALT	130,253

Top 10 Transfers for Off-Site Energy Recovery of Carcinogens – 2009 RPPR

Top 10 Carcinogens Transferred Off-Site for Energy Recovery

CASNumber	SUBSTANCE NAME	Off-Site Energy Recovery (pounds)	% of Total
100-44-7	BENZYL CHLORIDE	328,474	46.00 %
100-41-4	ETHYLBENZENE	125,028	17.51 %
75-09-2	DICHLOROMETHANE	107,905	15.11 %
91-20-3	NAPHTHALENE	100,458	14.07 %
67-66-3	CHLOROFORM	14,073	1.97 %
98-07-7	BENZOIC TRICHLORIDE	12,660	1.77 %
100-42-5	STYRENE	7,227	1.01 %
106-89-8	EPICHLOROHYDRIN	7,000	0.98 %
50-00-0	FORMALDEHYDE	5,080	0.71 %
62-53-3	ANILINE (AND SALTS)	1,820	0.25 %
Sum of Top 10:		709,725	99.39 %
Sum Other:		4,384	0.61 %
Sum All:		714,109	100.00 %

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

FACILITYNAME (CITY)	COUNTY	Off-Site Energy Recovery (pounds)	% of Total
FERRO CORP (LOGAN TWP)	GLOUCESTER	325,323	45.56 %
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	138,544	19.40 %
EXXON MOBIL CHEMICAL CO (EDISON)	MIDDLESEX	87,173	12.21 %
INTERNATIONAL PAINT, LLC (UNION)	UNION	35,764	5.01 %
BASF CORPORATION (BELVIDERE)	WARREN	27,390	3.84 %
SIKA CORPORATION (LYNDHURST)	BERGEN	19,179	2.69 %
THERMOFISHER SCIENTIFIC (BRIDGEWATER)	SOMERSET	16,331	2.29 %
REICHHOLD INC (NEWARK)	ESSEX	14,356	2.01 %
GENTEK BUILDING PRODUCTS INC (AVENEL)	MIDDLESEX	7,860	1.10 %
CARDOLITE CORPORATION (NEWARK)	ESSEX	7,000	0.98 %
Sum of Top 10:		678,920	95.07 %
Sum Other:		35,189	4.93 %
Sum All:		714,109	100.00 %

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

FACILITYNAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Energy Recovery (pounds)
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	312,663
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	DICHLOROMETHANE	99,735
EXXON MOBIL CHEMICAL CO (EDISON)	MIDDLESEX	NAPHTHALENE	87,173
INTERNATIONAL PAINT, LLC (UNION)	UNION	ETHYL BENZENE	35,764
BASF CORPORATION (BELVIDERE)	WARREN	ETHYL BENZENE	21,949
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	ETHYL BENZENE	20,241
SIKA CORPORATION (LYNDHURST)	BERGEN	ETHYL BENZENE	19,179
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	BENZYL CHLORIDE	15,811
REICHHOLD INC (NEWARK)	ESSEX	ETHYL BENZENE	14,356
THERMOFISHER SCIENTIFIC (BRIDGEWATER)	SOMERSET	CHLOROFORM	14,073

Top 10 Destroyed through Off-Site Treatment of Carcinogens – 2009 RPPR

Top 10 Carcinogens Transferred Off-Site for Treatment

CAS Number	SUBSTANCE NAME	Off-Site Treatment (pounds)	% of Total
108-05-4	VINYL ACETATE	46,582	23.27 %
100-44-7	BENZYL CHLORIDE	34,328	17.15 %
7440-02-0 & N495	NICKEL & COMPOUNDS	19,366	9.67 %
71-43-2	BENZENE	19,145	9.56 %
75-09-2	DICHLOROMETHANE	17,705	8.84 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	13,017	6.50 %
140-88-5	ETHYL ACRYLATE	12,978	6.48 %
100-41-4	ETHYLBENZENE	9,347	4.67 %
7439-92-1 & N420	LEAD & COMPOUNDS	5,558	2.78 %
100-42-5	STYRENE	4,541	2.27 %
Sum of Top 10:		182,567	91.19 %
Sum Other:		17,636	8.81 %
Sum All:		200,203	100.00 %

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

FACILITY NAME (CITY)	COUNTY	Off-Site Treatment (pounds)	% of Total
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	44,600	22.28 %
FERRO CORP (LOGAN TWP)	GLOUCESTER	34,347	17.16 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	24,657	12.32 %
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	21,068	10.52 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	13,058	6.52 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	12,955	6.47 %
STEPAN COMPANY - MAYWOOD DIVISION (MAYWOOD)	BERGEN	12,730	6.36 %
COIM USA, INC. (PAULSBORO)	GLOUCESTER	12,398	6.19 %
ELEMENTIS SPECIALTIES (JERSEY CITY)	HUDSON	4,988	2.49 %
BASF CORPORATION (BELVIDERE)	WARREN	4,272	2.13 %
Sum of Top 10:		185,073	92.44 %
Sum Other:		15,130	7.56 %
Sum All:		200,203	100.00 %

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

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Treatment (pounds)
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	VINYL ACETATE	44,600
FERRO CORP (LOGAN TWP)	GLOUCESTER	BENZYL CHLORIDE	34,328
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	DICHLOROMETHANE	13,058
LUBRIZOL ADVANCED MATERIALS INC (OLDMANS TWP)	SALEM	ETHYL ACRYLATE	12,978
STEPAN COMPANY - MAYWOOD DIVISION (MAYWOOD)	BERGEN	BENZENE	12,730
COIM USA, INC. (PAULSBORO)	GLOUCESTER	TOLUENE DIISOCYANATE (MIXED)	12,398
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NICKEL COMPOUNDS	11,758
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	NICKEL	7,438
ELEMENTIS SPECIALTIES (JERSEY CITY)	HUDSON	ETHYLBENZENE	4,843
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	LEAD COMPOUNDS	4,655

Top 10 Off-Site Transfers for Disposal of Carcinogens – 2009 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	172,909	47.68 %
7440-02-0 & N495	NICKEL & COMPOUNDS	75,337	20.77 %
7440-47-3 & N090	CHROMIUM & COMPOUNDS	53,123	14.65 %
7440-48-4 & N096	COBALT & COMPOUNDS	23,643	6.52 %
8001-58-9	CREOSOTE	11,000	3.03 %
N020	ARSENIC COMPOUNDS	9,639	2.66 %
91-20-3	NAPHTHALENE	4,078	1.12 %
N583	POLYCHLORINATED ALKANES	3,683	1.02 %
N590	POLYCYCLIC AROMATIC COMPOUNDS	3,075	0.85 %
100-41-4	ETHYLBENZENE	1,898	0.52 %
Sum of Top 10:		358,385	98.83 %
Sum Other:		4,252	1.17 %
Sum All:		362,637	100.00 %

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

FACILITY NAME (CITY)	COUNTY	Off-Site Disposal (pounds)	% of Total
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	101,035	27.86 %
CUSTOM ALLOY CORP (HIGH BRIDGE)	HUNTERDON	66,557	18.35 %
CYCLE CHEM., INC. (ELIZABETH)	UNION	30,061	8.29 %
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	25,423	7.01 %
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	21,924	6.05 %
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	20,549	5.67 %
CHAMBERS COGENERATION L. P. (CARNEYS POINT)	SALEM	13,282	3.66 %
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	11,640	3.21 %
CONOCOPHILLIPS CO (LINDEN)	UNION	10,518	2.90 %
MADISON INDUSTRIES INC (OLD BRIDGE TWP)	MIDDLESEX	9,800	2.70 %
Sum of Top 10:		310,789	85.70 %
Sum Other:		51,848	14.30 %
Sum All:		362,637	100.00 %

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

FACILITY NAME (CITY)	COUNTY	SUBSTANCE NAME	Off-Site Disposal (pounds)
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	LEAD COMPOUNDS	75,035
CUSTOM ALLOY CORP (HIGH BRIDGE)	HUNTERDON	NICKEL	42,912
CUSTOM ALLOY CORP (HIGH BRIDGE)	HUNTERDON	CHROMIUM	23,602
GERDAU AMERISTEEL SAYREVILLE INC (SAYREVILLE)	MIDDLESEX	LEAD	21,924
ATLANTIC STATES CAST IRON PIPE CO. (PHILLIPSBURG)	WARREN	LEAD COMPOUNDS	20,549
CYCLE CHEM., INC. (ELIZABETH)	UNION	NICKEL	20,254
SUNOCO, INC. (R&M) EAGLE POINT FACILITY (WEST DEPTFORD TWP)	GLOUCESTER	COBALT COMPOUNDS	19,630
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	CHROMIUM COMPOUNDS	15,000
CLEAN EARTH OF NORTH JERSEY (KEARNY)	HUDSON	CREOSOTE	11,000
GRIFFIN PIPE PRODUCTS CO. (FLORENCE)	BURLINGTON	LEAD COMPOUNDS	10,543