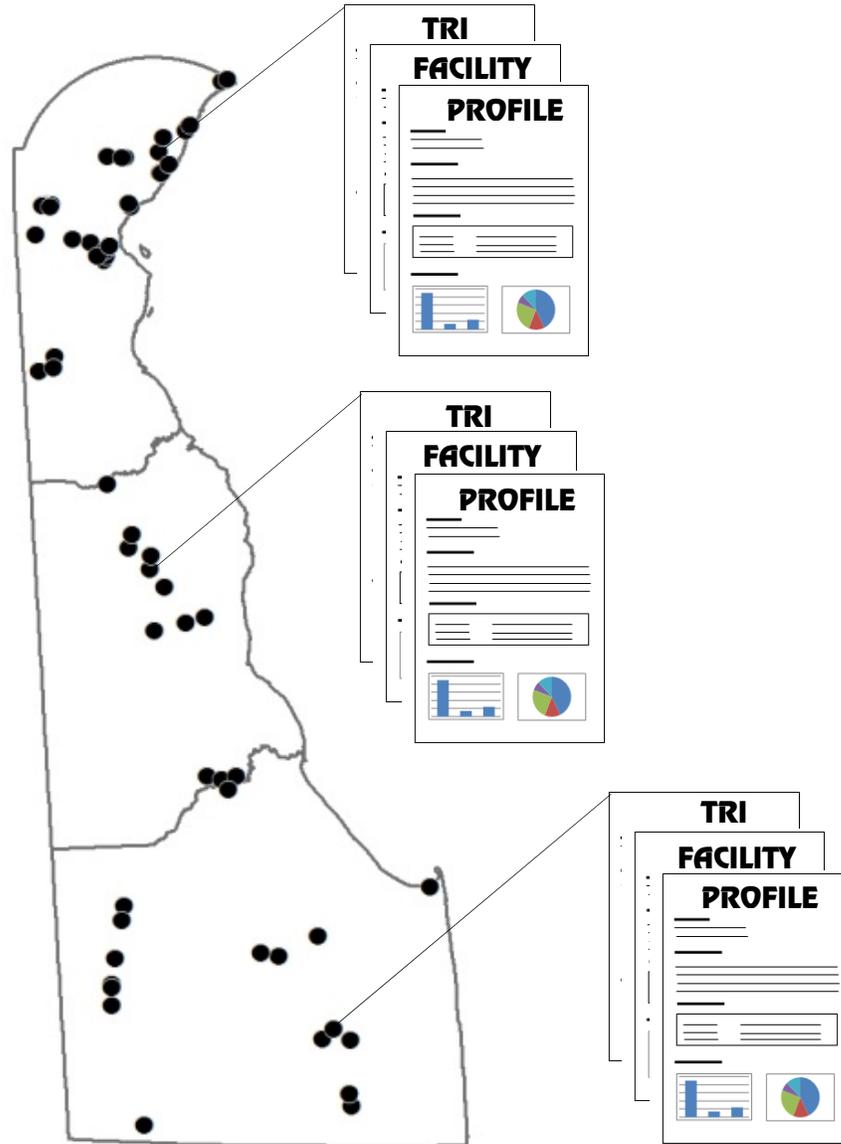




2013 DELAWARE TRI FACILITY PROFILES



Prepared by the EPCRA Reporting Program
Department of Natural Resources and Environmental Control

November 2014

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This report was prepared with the assistance of numerous individuals in the Department of Natural Resources and Environmental Control. Any questions or comments regarding this report should be directed to the principal author:

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DNREC MISSION STATEMENT

The mission of the Department of Natural Resources and Environmental Control is to ensure the wise management, conservation, and enhancement of the State's natural resources, protect public health and the environment, provide quality outdoor recreation, improve the quality of life, and educate the public on historic, cultural, and natural resource use, requirements and issues.

Front Cover: *The cover is a map of Delaware showing the location of all TRI facilities reporting in the state for 2013, with the facilities profiles which are featured in this report.*

The Facility Profiles provide TRI information specific to each reporting facility in Delaware for 2013. The facility profiles can be accessed through the links that are provided on the **TRI Facility Maps** on pages 3 and 4 of this document. The following topics/categories are covered in the facility profiles:

Location/Contact:

The address, phone number, and public contact are provided to encourage the public to contact the facility if they have any additional questions in regards to the facility operations and their TRI numbers. A map showing the approximate location of the site is also included, which links back to the overall TRI Facility Map.

Facility Overview:

This section includes a description of the services and products the facility provides, as well as a description of how the predominant TRI chemicals reported are being used. Activities occurring at the facility that impact their TRI numbers are also discussed.

2013 TRI Data:

A table is provided listing the TRI information for each chemical reported at the facility. Chemical information provided includes pounds released on-site to air, water, and land, total pounds transferred off-site, and total pounds of the managed on-site for 2013. It is also noted if the chemical is a known **Persistent Bioaccumulative Toxic (PBT) Chemical** or if is listed as a **carcinogen**. PBTs are discussed in more detail on page 19 and **Appendix I** in the **2013 Delaware TRI Report** and carcinogens are discussed in detail on page 25 and **Appendix J**.

Graphical Information:

Six graphs are provided in this section for visual comparisons, if applicable for the facility.

- **On-site Releases by Media:** Bar chart comparing on-site releases for 2013 among air, water, and land categories.
- **On-site Releases by Chemical:** Bar chart comparing total on-site releases for 2013 for the primary chemicals reported by the facility.
- **Total On-site Releases per Year:** Provides a trend graph over the last ten years for total on-site releases to air, water, land reported by the facility.
- **2013 Distribution of Total TRI Waste:** Pie chart showing the percent distribution of how the total TRI waste reported is managed (On-site Releases, Off-site Transfers, and On-site Management).
- **2013 Distribution of Total Off-site Transfers by Category:** Pie chart showing the percent distribution of the total pounds transferred off-site. Off-site transfers include off-site disposal, energy recovery, recycling, public owned treatment works (POTW), and non POTW treatment.
- **2013 Distribution of Total On-site Waste Management by Category:** Pie chart showing the percent distribution of the total pounds managed on-site. On-site management includes on-site treatment, recycling, and energy recovery.

TRI FACILITY PROFILES



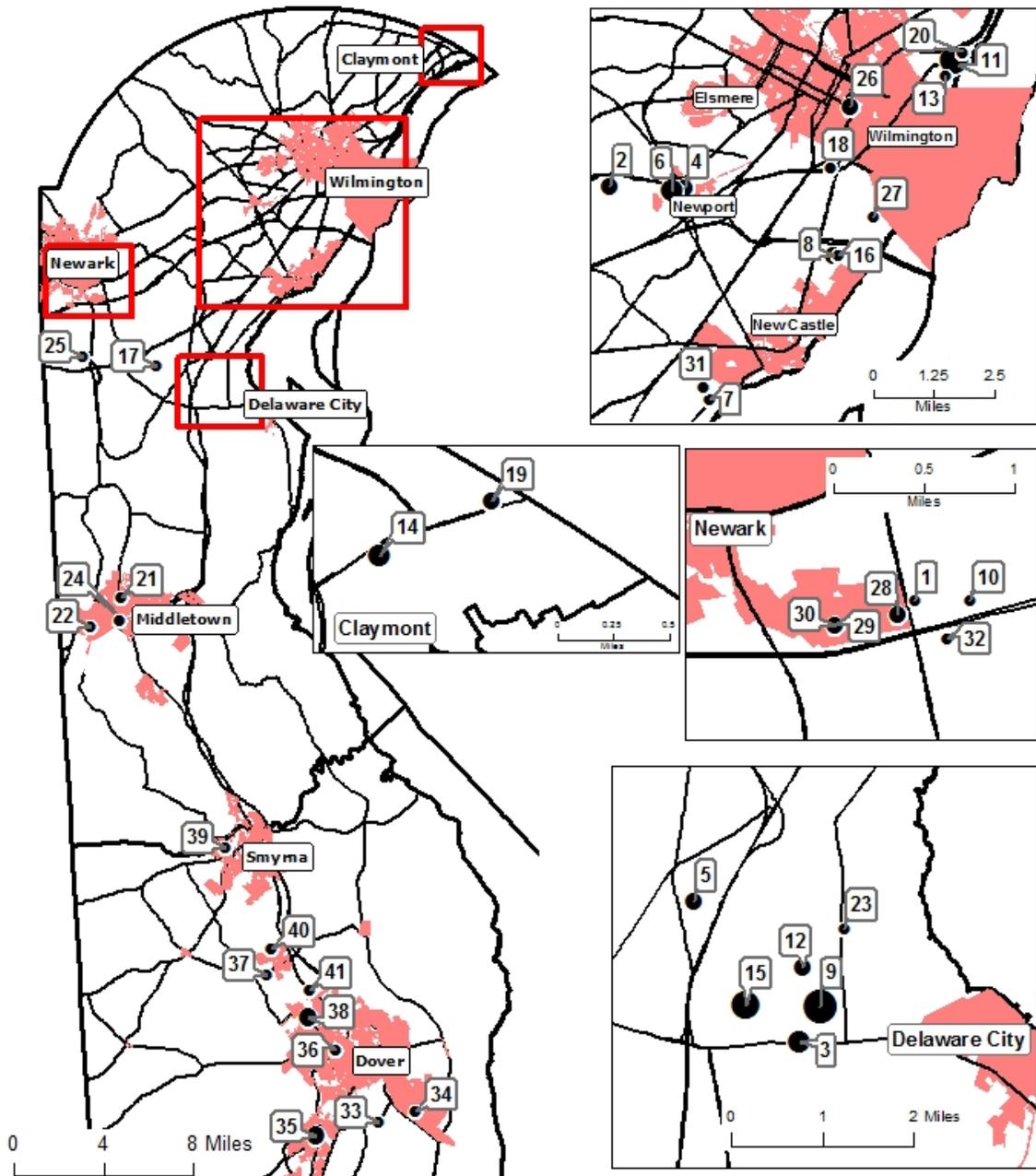
Comparison to Other Delaware TRI Facilities:

This section provides two graphical comparisons for Delaware TRI facilities.

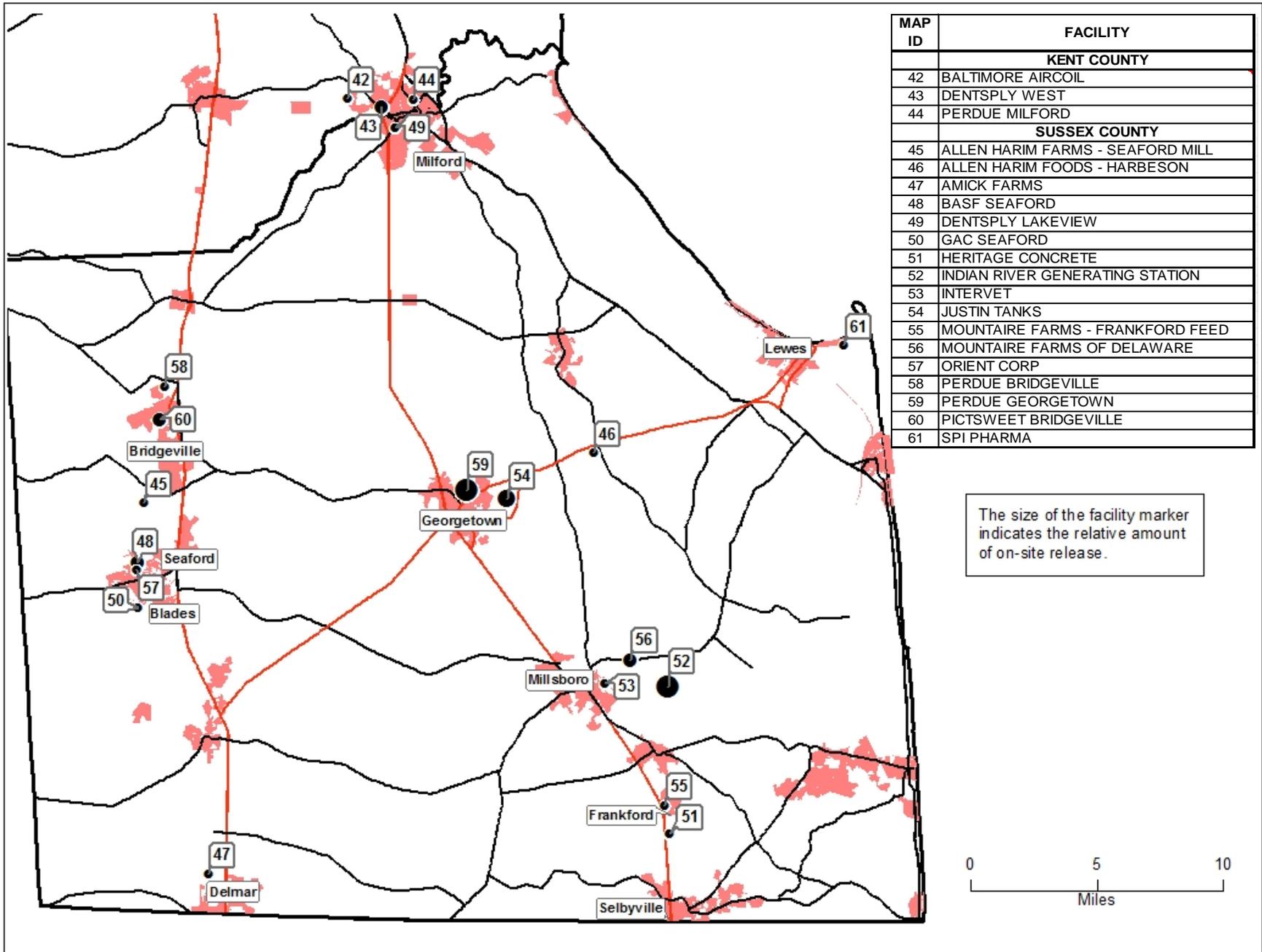
- **2013 On-site Releases: Top 15 Facilities:** Bar chart showing the total on-site releases for the top 15 facilities and a group for all other facilities. The facility is highlighted in red and underlined on the graph. If the facility falls into the bottom third of all facilities for on-site releases in Delaware it is noted. See *Appendices C, E, F* in the **2013 Delaware TRI Report** for further detail for on-site releases.
- **2013 Total TRI Waste Reported: Top 15 Facilities:** Bar chart showing the total waste reported for the top 15 facilities and a grouping for all other facilities. Total waste reported includes waste released on-site, managed on-site, or transferred off-site. The facility is highlighted in red and underlined on the graph. If a facility falls into the bottom third in total waste reported by facilities in Delaware for 2013, it is noted. See *Appendices D and G* in the **2013 Delaware TRI Report** for further detail on off-site transfers and on-site management.

Notable National Rankings:

Notable national rankings for the facility are listed based on a search of the preliminary EPA 2013 data set as of September 2014 using [EPA's TRI Explorer](#). For applicable rankings, the North American Classification Industrial Classification System (NAICS) code for the facility is listed.



MAP ID	FACILITY
NEW CASTLE COUNTY	
1	AEARO TECHNOLOGIES
2	AGILENT TECHNOLOGIES NEWPORT
3	AIR LIQUIDE - INDUSTRIAL
4	AIR LIQUIDE - MEDAL
5	ARLON
6	BASF NEWPORT
7	COLOR WORKS
8	CRODA
9	DELAWARE CITY REFINERY
10	DUHADAWAY TOOL AND DIE
11	DUPONT EDGE MOOR
12	DUPONT RED LION PLANT
13	EDGE MOOR/HAY ROAD ENERGY CENTERS
14	EVRAZ CLAYMONT STEEL
15	FORMOSA PLASTICS
16	FUJIFILM
17	HERITAGE CONCRETE-BEAR
18	HERITAGE CONCRETE-WILMINGTON
19	HONEYWELL
20	IKO
21	JOHNSON CONTROLS BATTERY PLANT
22	JOHNSON CONTROLS DIST. CENTER
23	KUEHNE
24	MACDERMID
25	MOTECH AMERICAS
26	NORAMCO
27	PRINCE MINERALS
28	ROHM & HAAS B2,B3,B8
29	ROHM & HAAS B5, B6
30	ROHM & HAAS B7,B15
31	V&S DELAWARE GALVANIZING
32	VP RACING FUELS
KENT COUNTY	
33	CARL KING
34	DOVER AFB
35	HANDY TUBE
36	HANESBRANDS
37	HERITAGE CONCRETE-CHESWOLD
38	HIRSH INDUSTRIES
39	METAL MASTERS
40	PPG DOVER
41	SERVICE ENERGY DOVER



AERO TECHNOLOGIES

LOCATION/CONTACT:

Address: 650 Dawson Drive
Newark, DE 19713

Phone: (302) 286-2415

Contact: Tom Flaherty



FACILITY OVERVIEW:

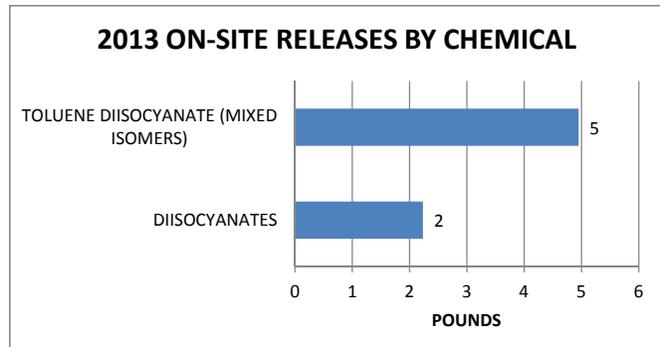
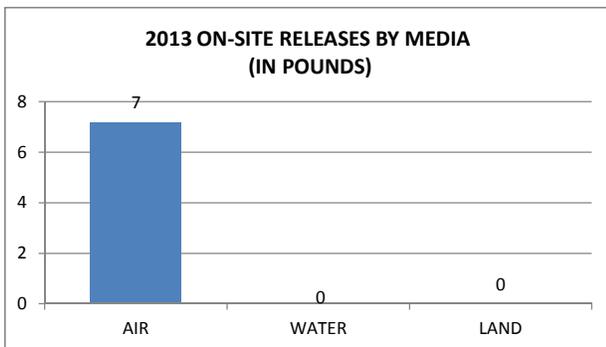
Aero Technologies manufactures and converts urethane foams and foam composites with a variety of facings for many industries and uses.

Aero Technologies has reported since 1987, previously as E.A.R. and Cabot Safety. The facility reported on two chemicals in 2013 (diisocyanates and toluene diisocyanates), with on-site releases only to air. These chemicals are utilized in the process of making of the urethane foam and foam composites. The converting operations do not utilize these chemicals. Virtually all of the waste is shipped off-site, with less than 1% being released on-site to air.

2013 TRI DATA (REPORTED IN POUNDS):

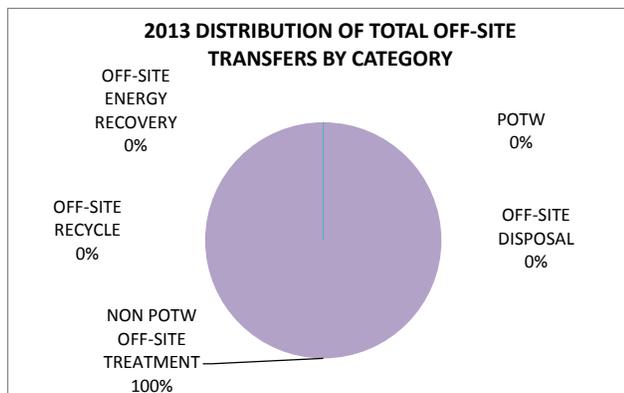
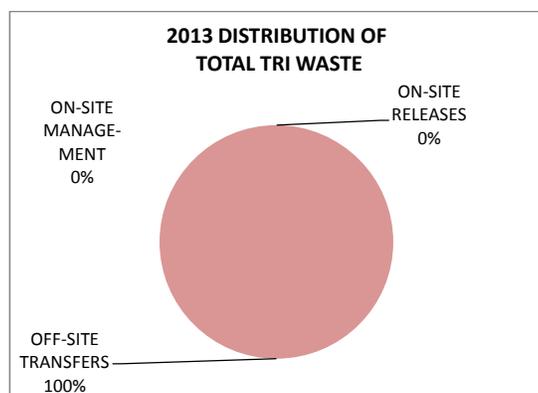
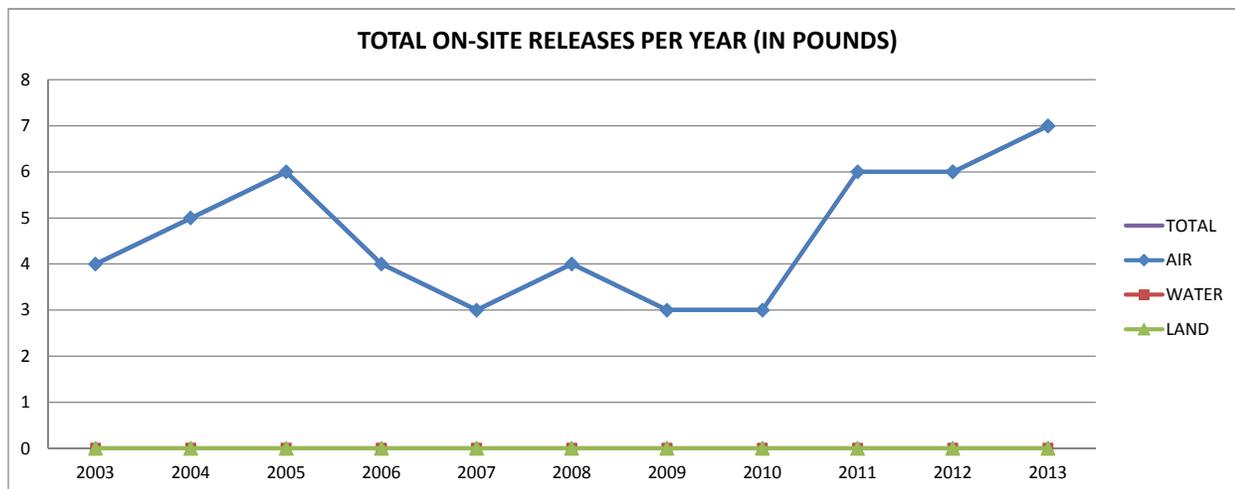
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
DIISOCYANATES	2	0	0	2	9,367	0	NO	NO
TOLUENE DIISOCYANATE (MIXED ISOMERS)	5	0	0	5	14,050	0	NO	YES
TOTAL	7	0	0	7	23,417	0		

GRAPHICAL INFORMATION:



AERO TECHNOLOGIES, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Aero Technologies ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Aero Technologies ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Aero Technologies ranks 77th in the nation for off-site transfers of diisocyanates (out of 1,259 facilities).

Aero Technologies ranks 6th in the nation for off-site transfers of toluene diisocyanate (mixed isomers) (out of 141 facilities).



TRI FACILITY PROFILES

AGILENT TECHNOLOGIES

LOCATION/CONTACT:

Address: 538 First State Blvd.
Newport, DE 19804

Phone: (302) 636-3668

Contact: Renee Lewandowski



FACILITY OVERVIEW:

Agilent Technologies has two main production processes. The primary production process is the manufacturing of various columns (consumables) for liquid chromatography equipment. This process is further broken down into packing production and column production, in which the material within the column is produced and this material is then packed into the column. The second process is identified as Substrate Manufacturing. This operation is comprised of a highly specialized glass cleaning and coating operation that produces glass slides that are shipped to an Agilent facility in Santa Clara, CA where they become microarray scanner slides used for DNA testing. Both processes are complete independent of one another.

Facilities at the Newport site have reported since in 1990, previously as Rockland Technologies and Hewlett-Packard Company. Agilent Technologies has reported for the site since 2001. Agilent Technologies reported on three chemicals in 2013, toluene, methanol and acetonitrile. All three chemicals (solvents) are utilized as chemical processing aids and do not remain in the product. All on-site releases of these chemicals are to the air. The majority of wasted is transferred off-site for treatment or energy recovery. Out of the three chemicals, methanol consists of approximately 95% of all on-site releases, while toluene consists of approximately 78% of all off-site transfers. The increase in releases for 2004 was the result from the consolidation of some manufacturing operations from another Agilent facility to the Newport location. Both on-site releases and off-site transfers have remained relatively consistent since 2005. Fluctuations in on-site releases and off-site transfers are directly related to production.

2013 TRI DATA (REPORTED IN POUNDS):

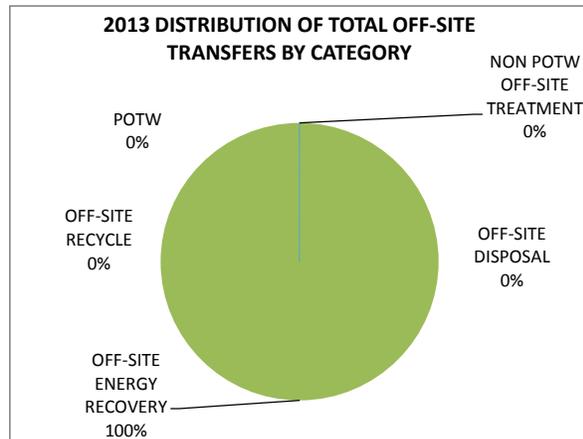
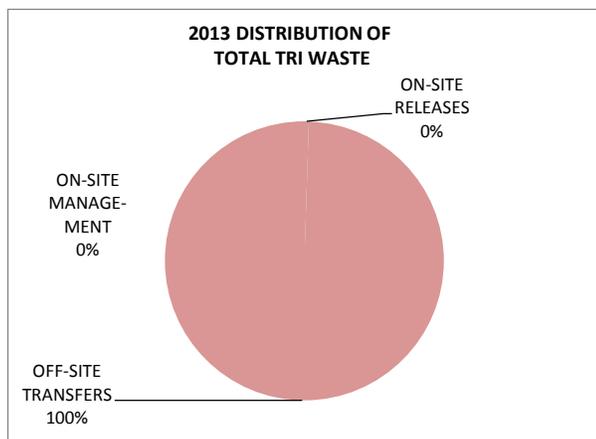
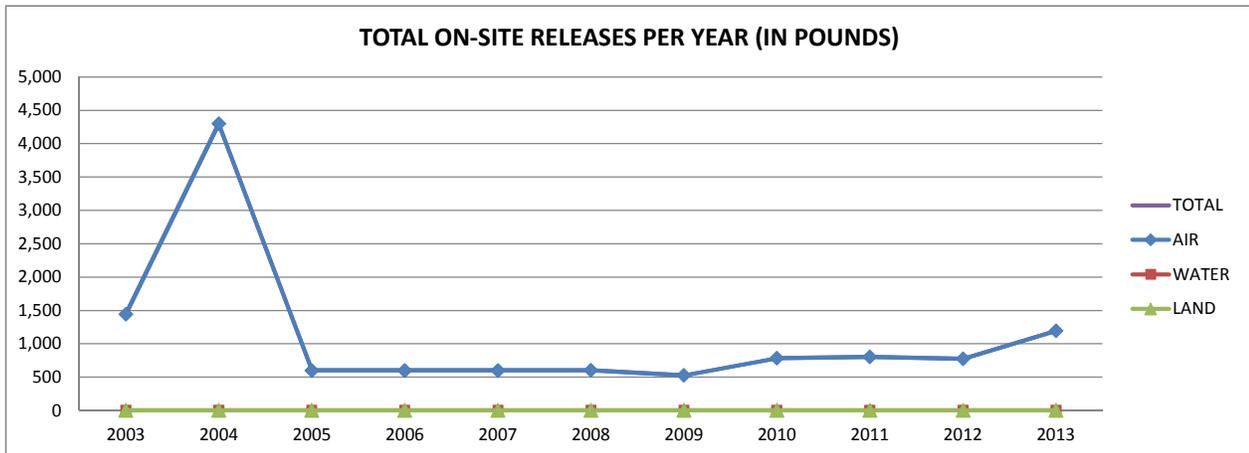
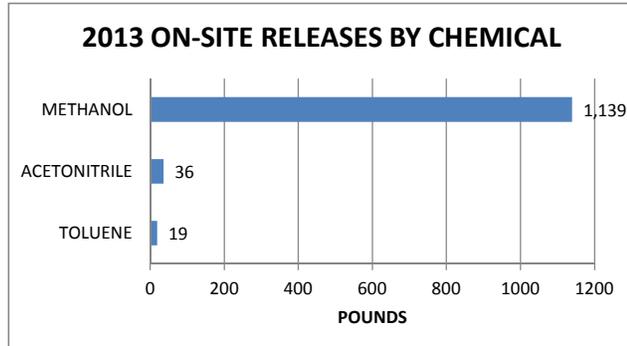
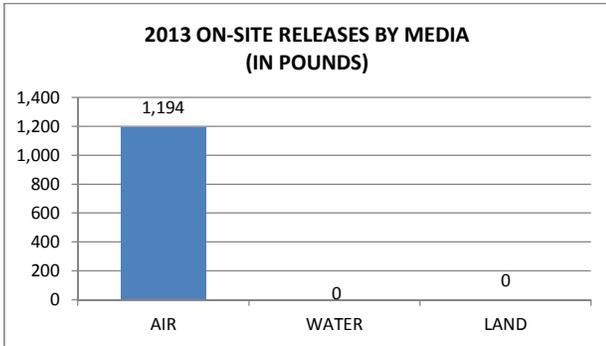
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
ACETONITRILE	36	0	0	36	15,558	0	NO	NO
METHANOL	1,139	0	0	1,139	37,273	0	NO	NO
TOLUENE	19	0	0	19	188,565	0	NO	NO
TOTAL	1,194	0	0	1,194	241,396	0		

TRI FACILITY PROFILES



AGILENT TECHNOLOGIES, CONT.

GRAPHICAL INFORMATION:

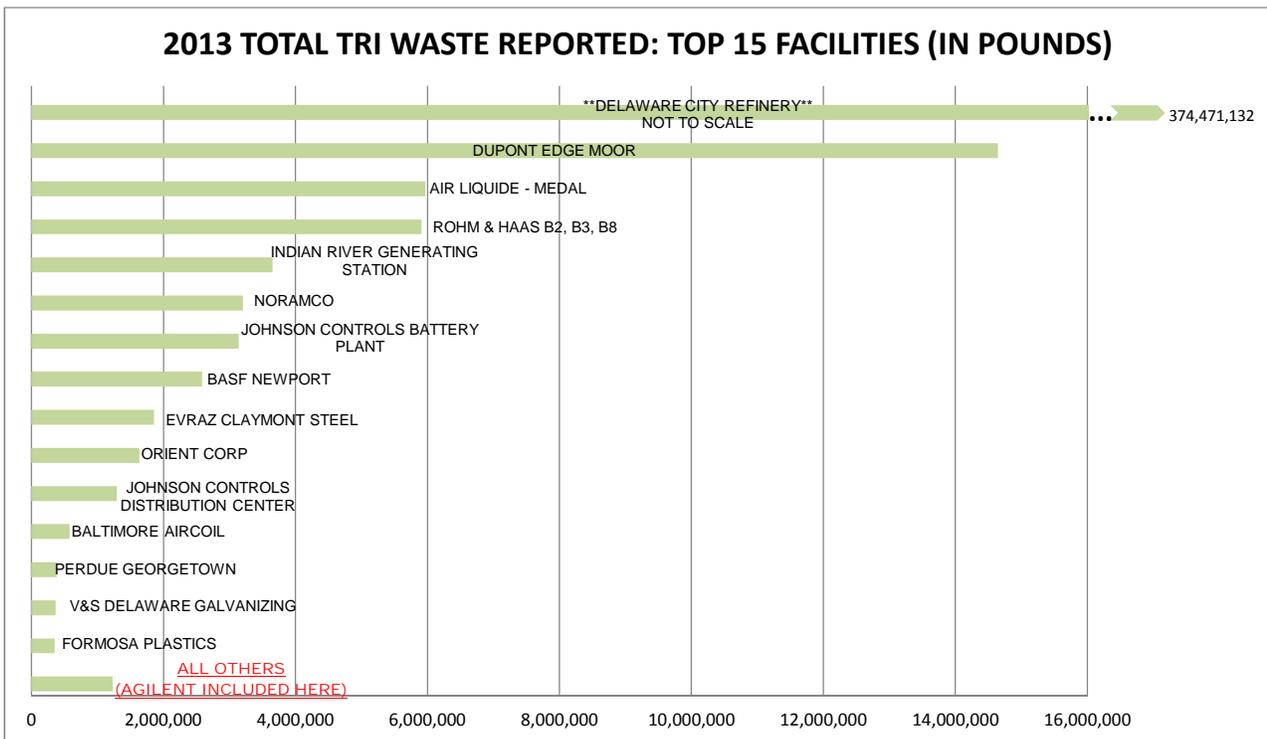
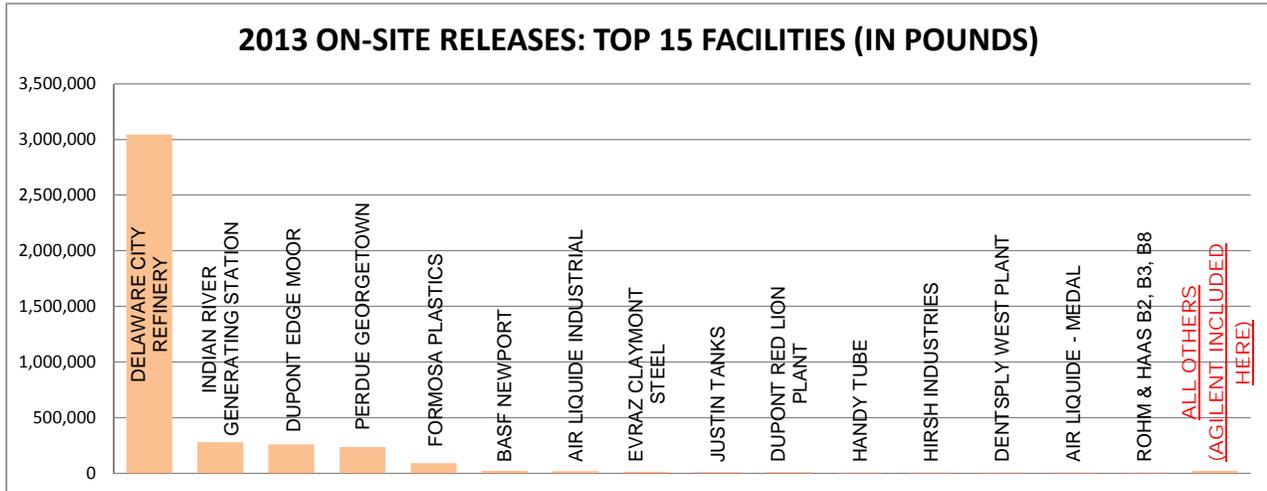




TRI FACILITY PROFILES

AGILENT TECHNOLOGIES, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Agilent Technologies ranks 72th in the nation for off-site transfers of acetonitrile (out of 141 facilities).

Agilent Technologies ranks 98th in the nation for off-site transfers of toluene (out of 2,222 facilities).

AIR LIQUIDE INDUSTRIAL

LOCATION/CONTACT:

Address: 4442 Wrangle Hill Road
Delaware City, DE 19706

Phone: (713)-624-8131

Contact: Wendy D'Attilio



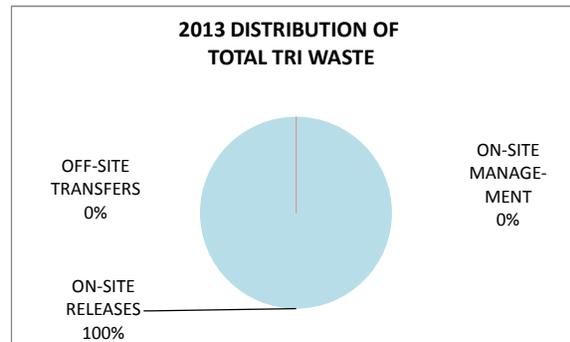
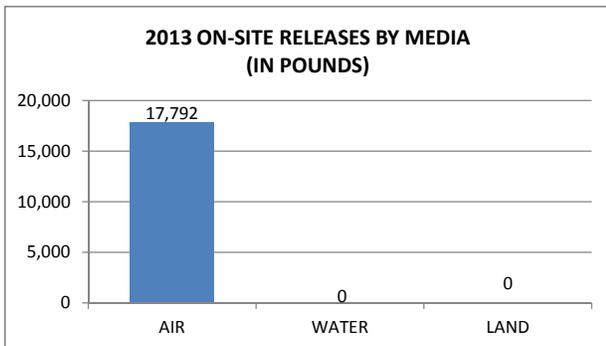
FACILITY OVERVIEW:

Air Liquide Industrial produces liquified carbon dioxide from a gas stream received from the nearby Delaware City Refinery. The carbon dioxide is used by many industrial and food processing facilities in the region. Air Liquide reported on one chemical, ammonia, for 2013. Ammonia is used as a refrigerant to condense the carbon dioxide. In 2004, 2005, 2010, and 2012 this facility did not meet the minimum reporting threshold for reporting to the TRI program (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	17,792	0	0	17,792	0	0	NO	NO
TOTAL	17,792	0	0	17,792	0	0		

GRAPHICAL INFORMATION:

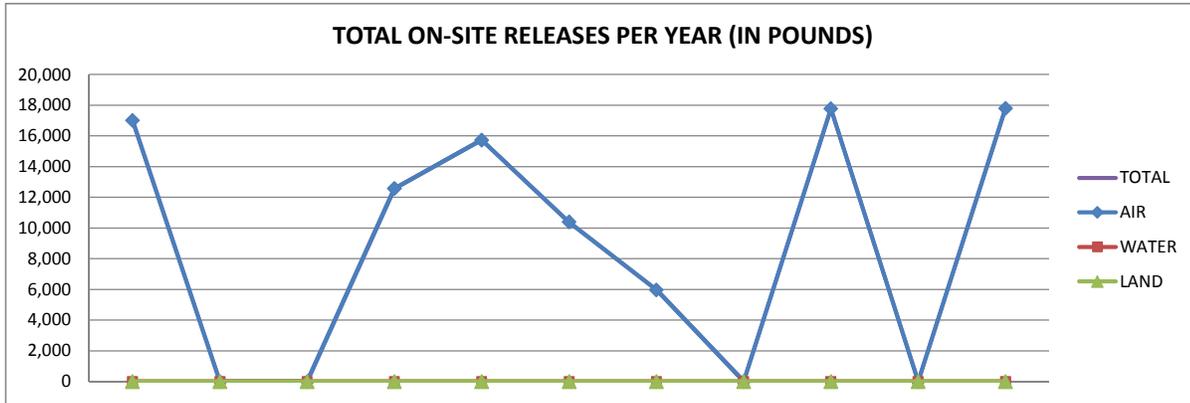


TRI FACILITY PROFILES

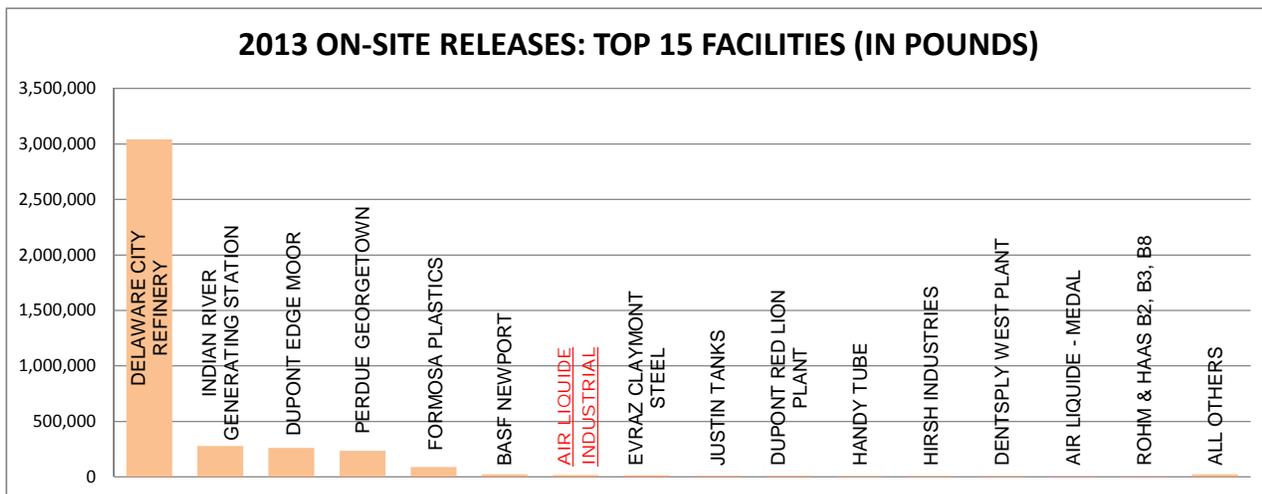


AIR LIQUIDE INDUSTRIAL, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

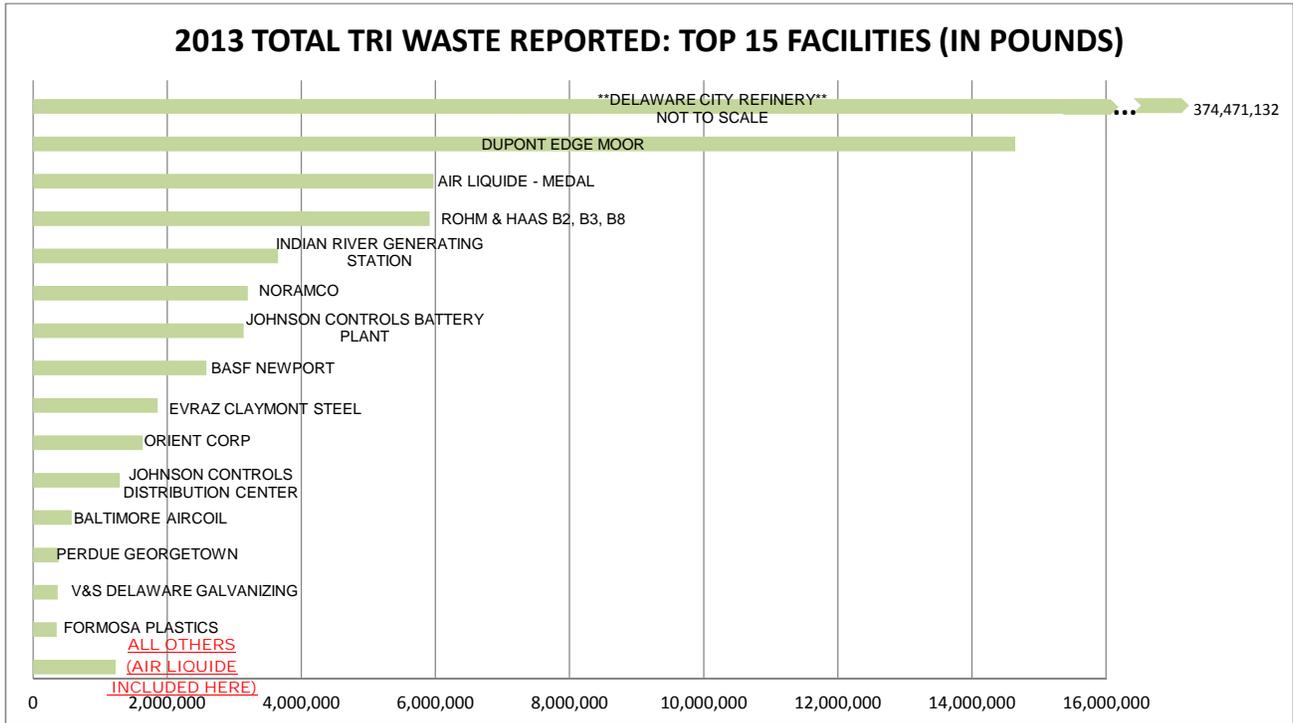




TRI FACILITY PROFILES

AIR LIQUIDE INDUSTRIAL, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



AIR LIQUIDE MEDAL

LOCATION/CONTACT:

Address: 305 Water Street
Newport, DE 19804

Phone: (302) 225-2137

Contact: Steve Poorman



FACILITY OVERVIEW:

Air Liquide-Medal provides methods to purify and produce gases for a wide range of applications and manufactures hollow fiber membrane systems for air separation/nitrogen generation, carbon dioxide removal and hydrogen purification.

Air Liquide-Medal has reported since 1992. The facility reported five TRI chemicals for 2013, cyclohexane, methanol, n,n-dimethylformamide, n-hexane, and n-methyl-2-pyrrolidone. These chemicals are used as solvents in the fiber production process. The majority of waste is managed on-site and off-site, with less than 0.01% being released on-site to air.

In 2012, on-site releases increased due to increase in cyclohexane usage above the reporting threshold and overall increase in fiber production. The increase in cyclohexane usage is solely due to the nearly doubling of production of fiber used in membranes sold into the aerospace industry used to inert aircraft fuel tanks for safety purposes. In 2013, on-site recycling for methanol and n-hexane increased significantly, resulting from increased production (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

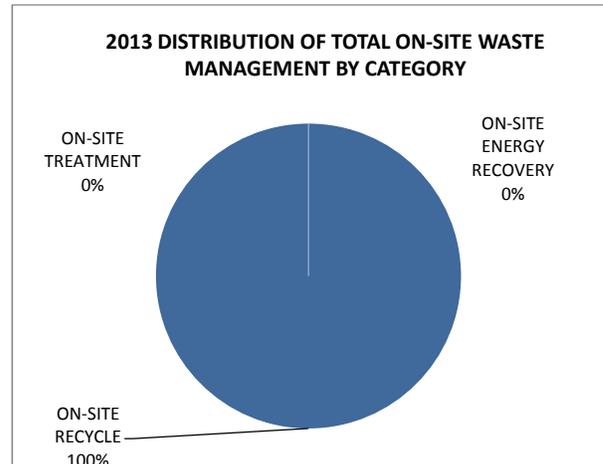
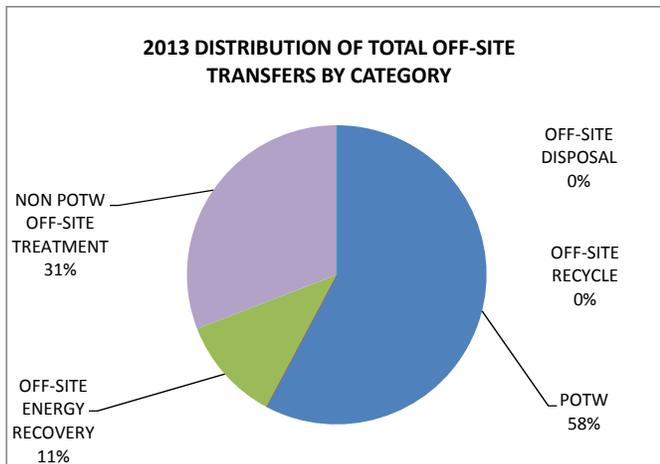
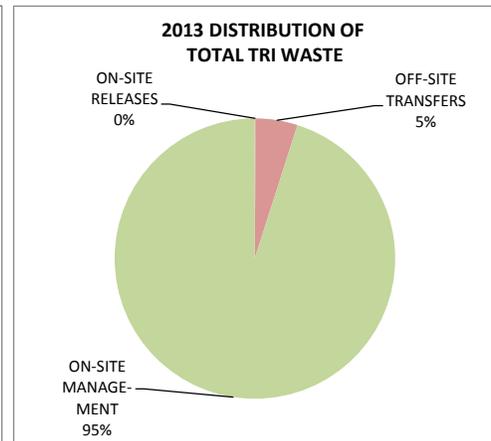
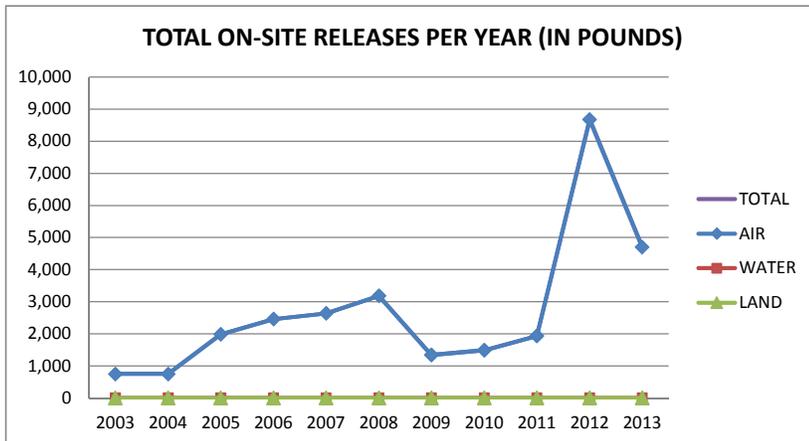
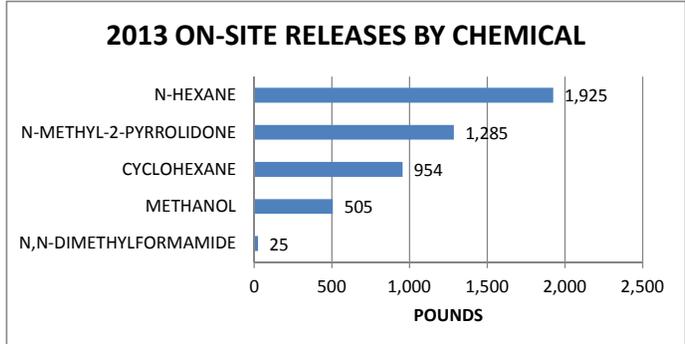
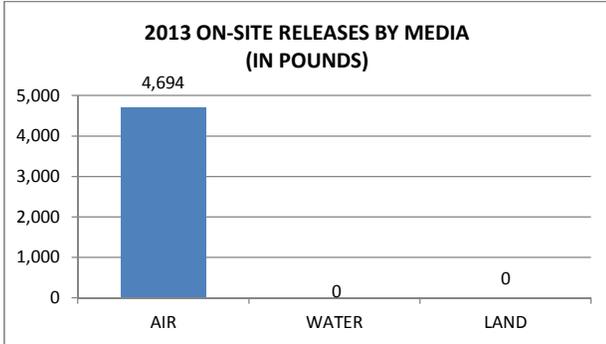
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CYCLOHEXANE	954	0	0	954	17,234	0	NO	NO
METHANOL	505	0	0	505	86,496	3,016,630	NO	NO
N,N-DIMETHYLFORMAMIDE	25	0	0	25	25,230	0	NO	NO
N-HEXANE	1,925	0	0	1,925	0	2,506,103	NO	NO
N-METHYL-2-PYRROLIDONE	1,285	0	0	1,285	151,089	0	NO	NO
TOTAL	4,694	0	0	4,694	280,049	5,522,733		

TRI FACILITY PROFILES



AIR LIQUIDE MEDAL, CONT.

GRAPHICAL INFORMATION:

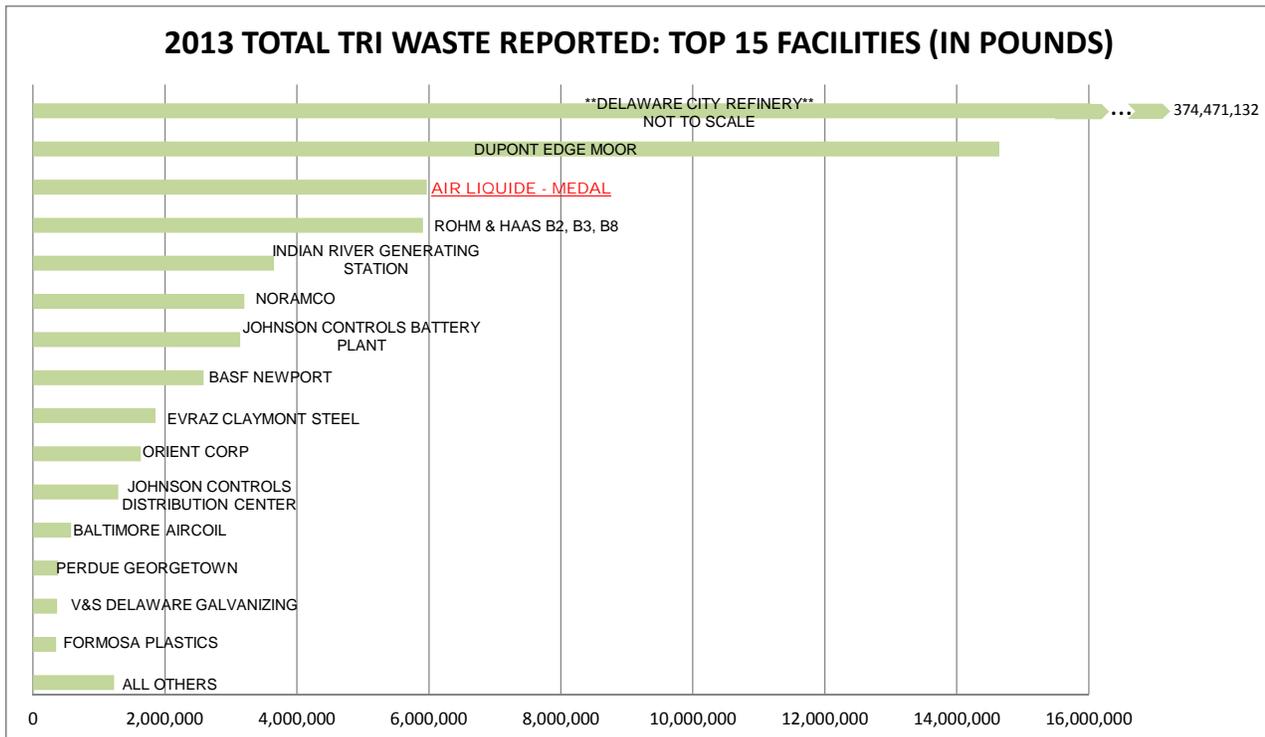
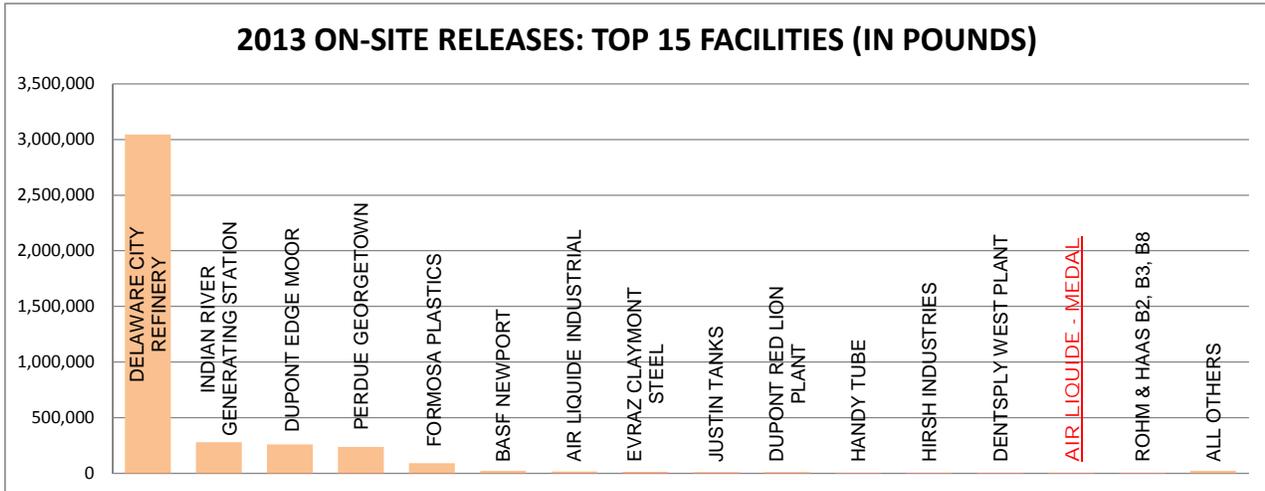




TRI FACILITY PROFILES

AIR LIQUIDE MEDAL, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Air Liquide-Medal ranks 22th in the nation for on-site recycling of methanol (out of 2,123 facilities).

Air Liquide-Medal ranks 3rd in the nation for on-site recycling of n-hexane (out of 1,266 facilities).

Air Liquide-Medal ranks 45th in the nation for off-site transfers of n-methyl-2-pyrrolidone (out of 385 facilities).



TRI FACILITY PROFILES

ALLEN HARIM FOODS - HARBESON

LOCATION/CONTACT:

Address: 18752 Harbeson Road
Harbeson, DE 19951

Phone: (410) 820-2100

Contact: Jim Quinton



FACILITY OVERVIEW:

Allen Harim Foods-Harbeson operates as a poultry processing plant. The facility processes poultry for consumer use and utilizes an on-site wastewater system to treat plant water prior to discharging into a stream.

The facility has reported since 1987, previously as Allen Family Foods. Allen Harim Foods has reported since it purchased the facility in September 2011. For 2013, the facility reported on one chemical, nitrate compounds, on short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) In the wastewater treatment process, water dissociable nitrate compounds are a by-product of the nitrification process.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
NITRATE COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

ALLEN HARIM FOODS - SEAFORD

LOCATION/CONTACT:

Address: 20799 Allen Road
Seaford, DE 19973

Phone: (410) 820-2100

Contact: Jim Quinton



FACILITY OVERVIEW:

Allen Harim Farms-Seaford operates as a mill facility. The primary function of the mill facility is to receive, process, and combine raw ingredients into a nutritional feed for poultry.

The facility has reported since 2008, previously as Allen Family Foods. Allen Harim Farms has reported since it purchased the facility in September 2011. The facility reported on two chemicals in 2013, manganese compounds and zinc compounds. All chemicals are being reported on the short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) The metal compounds reported are components of a trace mineral additive feed ingredient utilized at the mill.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
MANGANESE COMPOUNDS*	0	0	0	0	0	0	NO	NO
ZINC COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

AMICK FARMS

LOCATION/CONTACT:

Address: 10281 Amick Drive
Delmar, DE 19940

Phone: (302) 846-9511

Contact: Jay Wall



FACILITY OVERVIEW:

Amick Farms reported under the North American Industrial Classification System (NAICS) as 311119, which covers other animal food manufacturing (except facilities primarily engaged in Custom Grain Grinding for Animal Feed).

Amick Farms has reported since 1995, previously as Allens Milling Company and Delmar Hatchery. The facility reported on three chemicals in 2012, all on short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) The metal compounds reported are used in poultry feed.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
COPPER COMPOUNDS*	0	0	0	0	0	0	NO	NO
MANGANESE COMPOUNDS*	0	0	0	0	0	0	NO	NO
ZINC COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

ARLON

LOCATION/CONTACT:

Address: 1100 Governor Lea Road
Bear, DE 19701

Phone: (302) 834-2100

Contact: Robert Carini



FACILITY OVERVIEW:

Arlon specializes in the manufacturing of fluoropolymer (PTFE) laminates and ceramic-filled fluoropolymer laminates that are used in frequency-dependent circuit applications such as aircraft radar systems, base station amplifiers and cell tower antennas for wireless telecommunications. Arlon also produces precision calendared silicone rubber coated fabric and specialty extruded self-fusing silicone rubber tapes. These silicone rubber products are used in aerospace, transportation, general industrial, and semiconductor markets commonly for electrical insulation.

Arlon has reported since 1987, previously as Keene. Arlon reported three TRI chemicals, ethylbenzene, xylene and copper, in 2013. Arlon uses xylene as a chemical processing aid in the coating of fiberglass with the silicone rubber dispersion. Ethylbenzene is a component found in many commercial grades of xylene. A vast majority of the solvents used in the coating process is destroyed in the on-site thermal oxidizer system. Copper is used in the antenna assemblies.

On-site release amounts increased significantly in 2004 because of a failure in the heat exchanger in the thermal oxidizers that destroy solvent releases from the coating process. The heat exchanger was repaired in 2005, and the release amount returned to near historical levels the following year (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

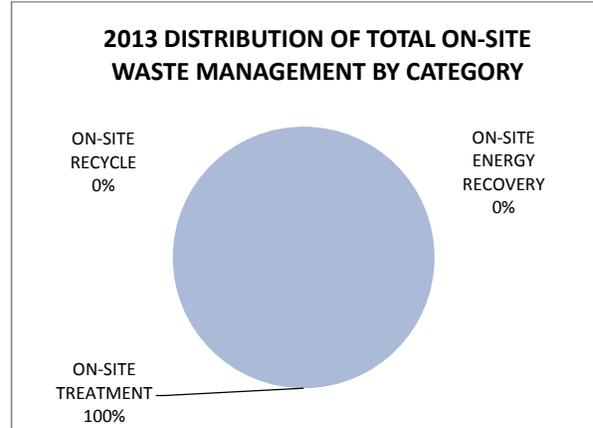
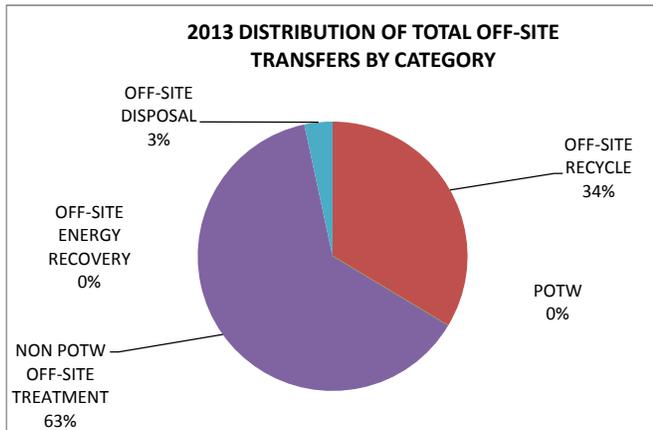
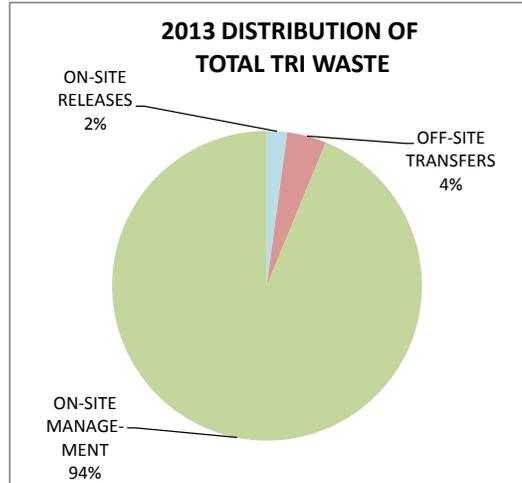
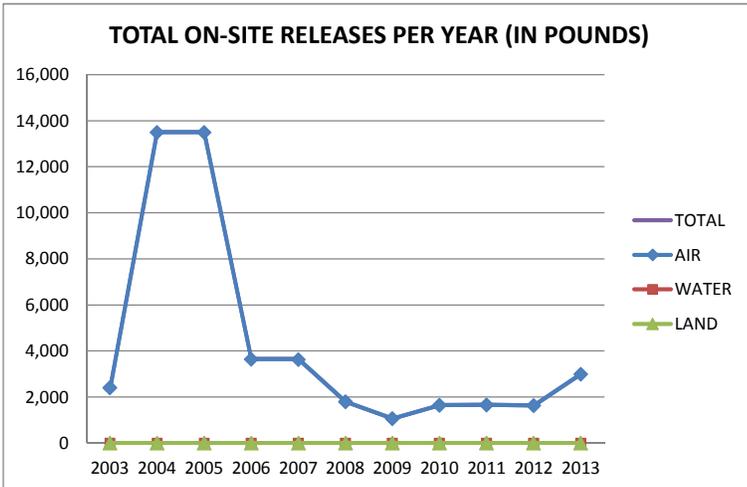
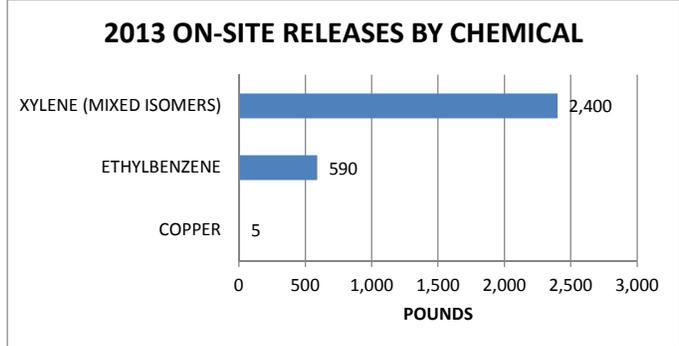
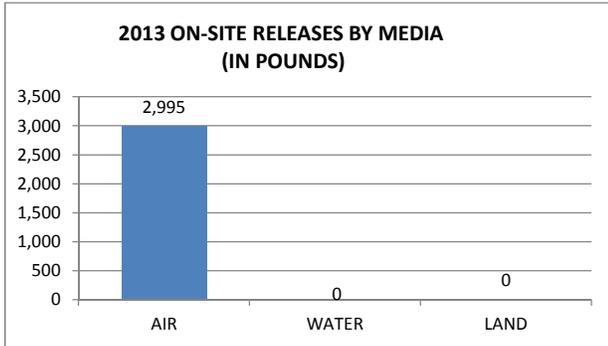
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
COPPER	5	0	0	5	2,200	0	NO	NO
ETHYLBENZENE	590	0	0	590	750	27,000	NO	YES
XYLENE (MIXED ISOMERS)	2,400	0	0	2,400	3,000	108,000	NO	NO
TOTAL	2,995	0	0	2,995	5,950	135,000		

TRI FACILITY PROFILES



ARLON, CONT.

GRAPHICAL INFORMATION:

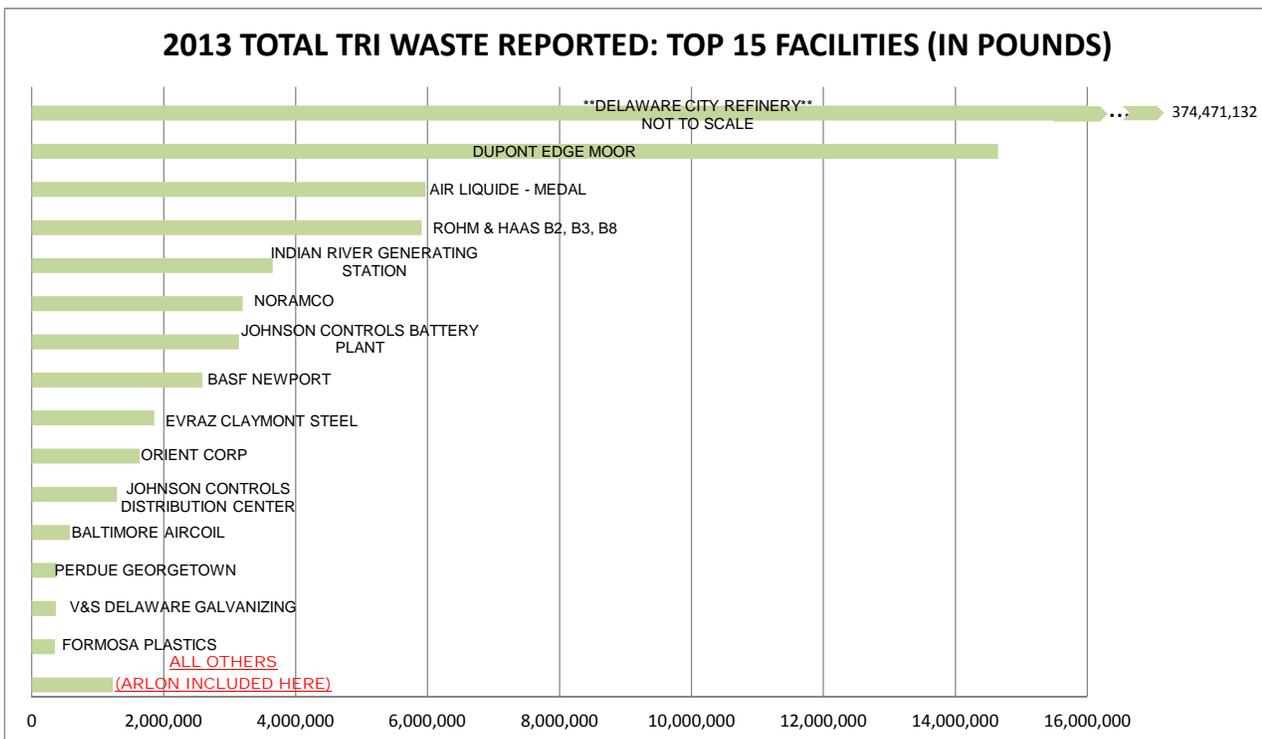
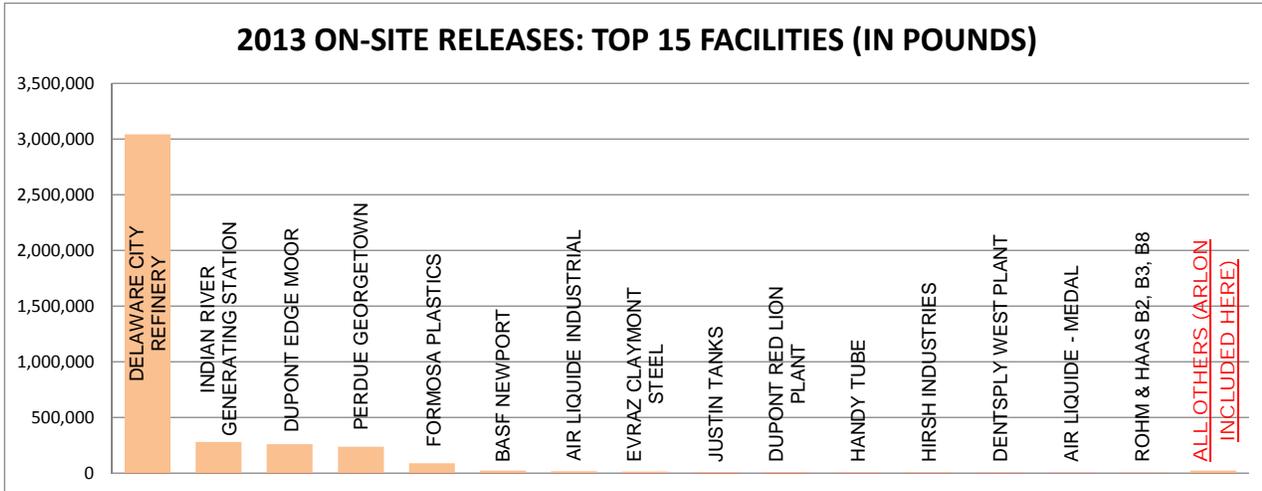




TRI FACILITY PROFILES

ARLON, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Arlon ranks 7th in the on-site treatment of xylene (mixed isomers) for plastic and rubber manufacturing facilities (NAICS 326) (out of 63 facilities).

Arlon ranks 40th in on-site releases of xylene (mixed isomers) for plastic and rubber manufacturing facilities (NAICS 326) (out of 63 facilities).

BALTIMORE AIRCOIL

LOCATION/CONTACT:

Address: 1162 Holly Hill Road
Milford, DE 19963

Phone: (910) 391-7933

Contact: Dale Wagner



FACILITY OVERVIEW:

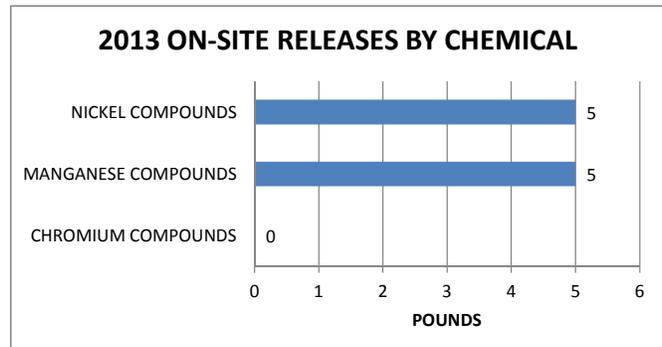
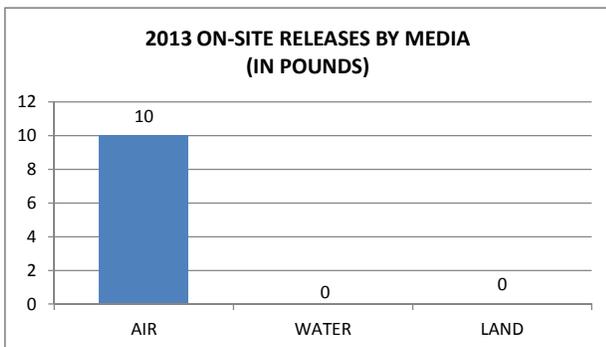
Baltimore Aircoil reported under the North American Industrial Classification System (NAICS) as 333415, which covers air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing.

Baltimore Air Coil has reported since 2011. The facility reported on three chemicals in 2013, with on-site releases only to air due to welding and laser cutting of metal. The chemicals include chromium, manganese and nickel. The chemicals that are reported are from scrap metal that is shipped off-site for recycling. Virtually all of the waste is shipped off-site for recycling, with less than 1% being released on-site.

2013 TRI DATA (REPORTED IN POUNDS):

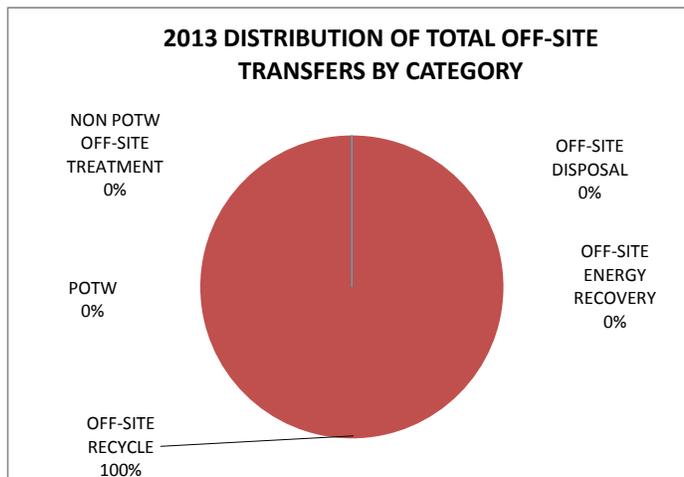
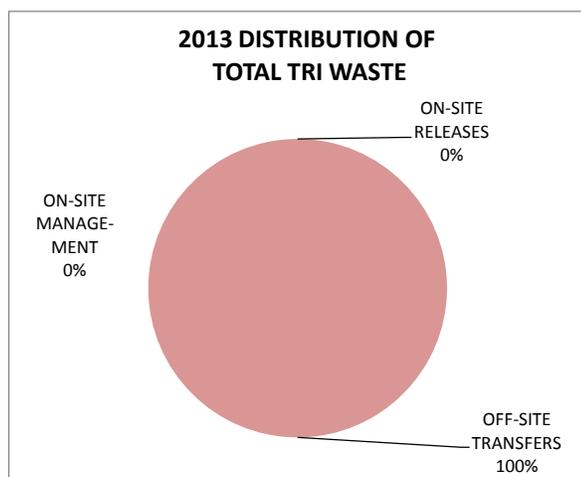
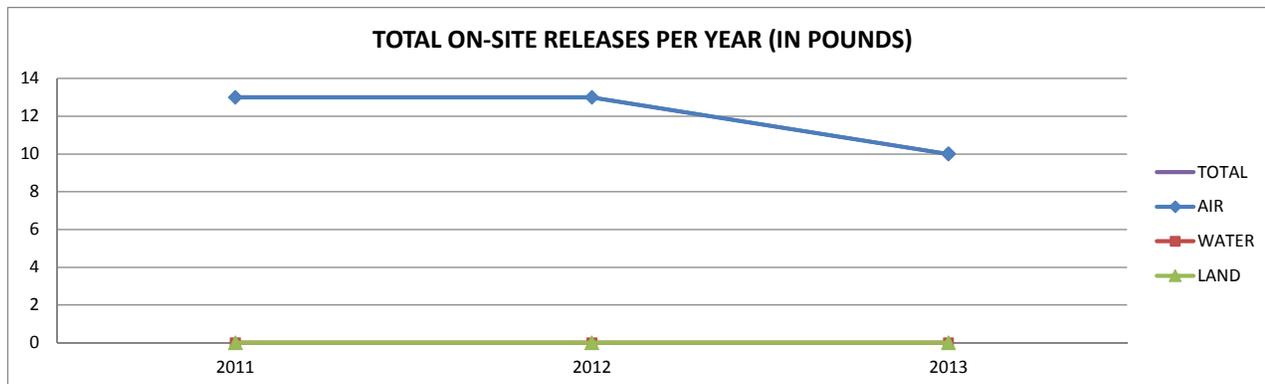
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHROMIUM COMPOUNDS	0	0	0	0	211,618	0	NO	YES
MANGANESE COMPOUNDS	5	0	0	5	125,000	0	NO	NO
NICKEL COMPOUNDS	5	0	0	5	241,000	0	NO	YES
TOTAL	10	0	0	10	577,618	0		

GRAPHICAL INFORMATION:

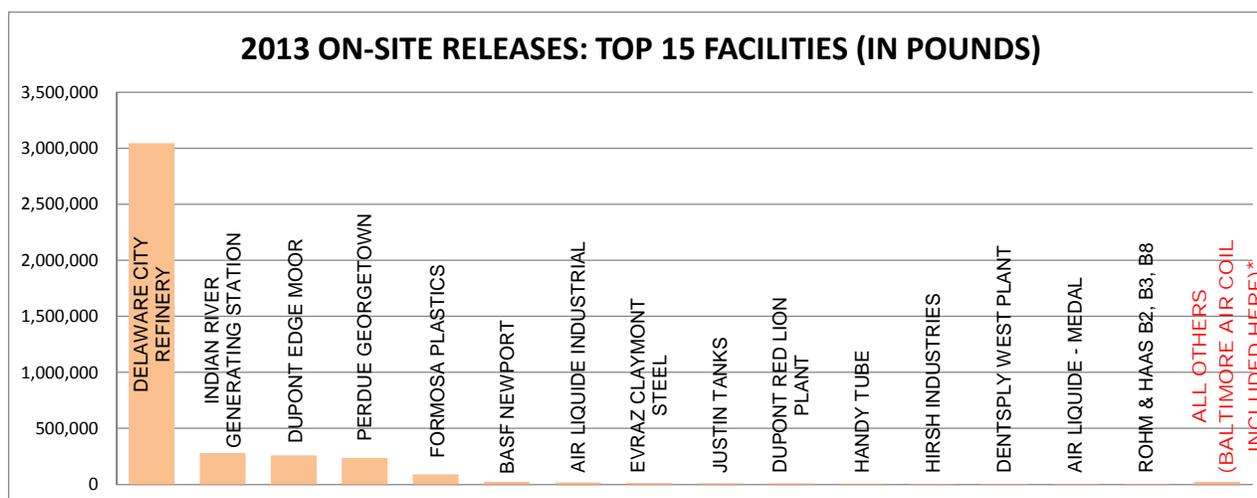


BALTIMORE AIRCOIL, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



*Baltimore Aircoil ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third

BALTIMORE AIRCOIL, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

Baltimore Aircoil ranks 43th in the nation for off-site transfers of chromium compounds (out of 1,343 facilities).

Baltimore Aircoil ranks 24th in the nation for off-site transfers of nickel compounds (out of 1110 facilities).

BASF NEWPORT

LOCATION/CONTACT:

Address: 205 South James Street
Newport, DE 19804

Phone: (973)-245-6077

Contact: Maureen Paukert



FACILITY OVERVIEW:

BASF Newport manufactures high performance pigments for the paint, plastic, and printing industries. The Newport site has reported since 1998, previously as CIBA Specialty Chemicals. The Newport Site became part of BASF Corporation in April 2010. For 2013, the facility reported on nine chemicals, with the majority either being treated or recycled on or off-site, with less than 1% being released on-site.

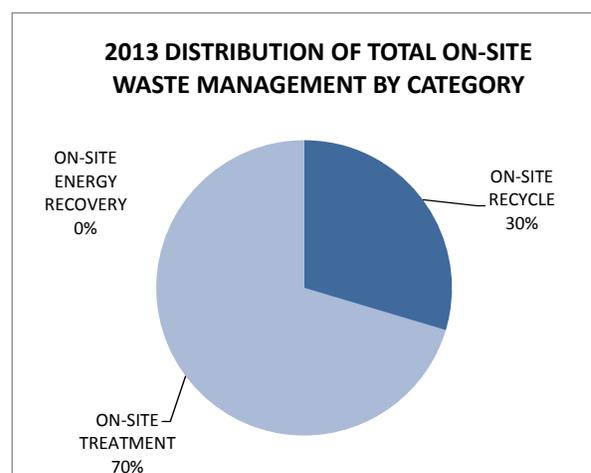
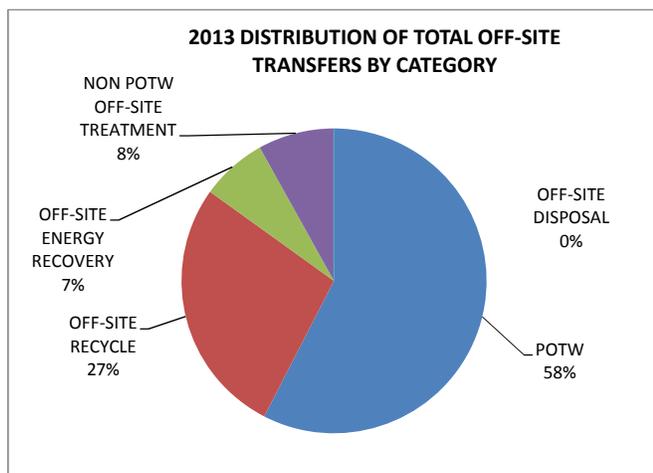
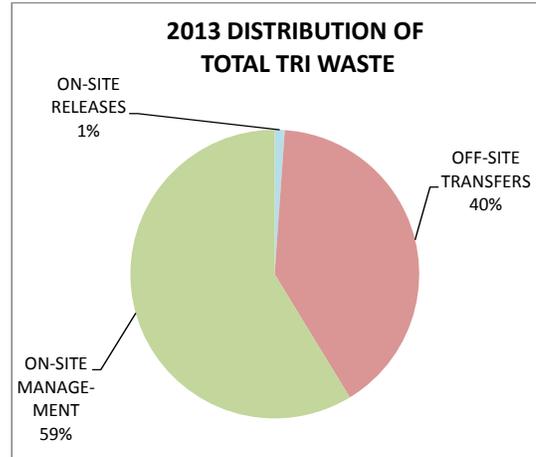
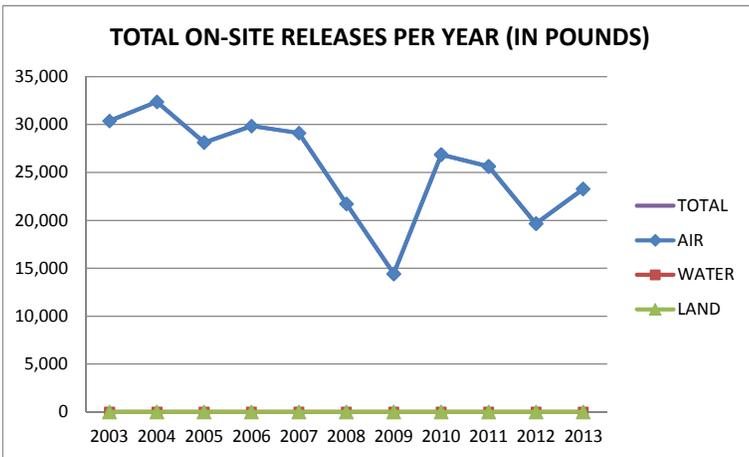
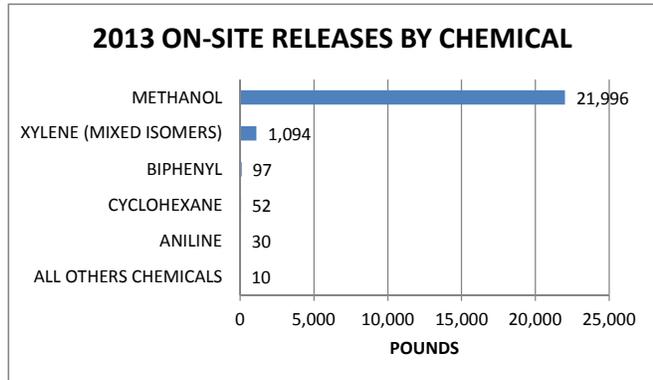
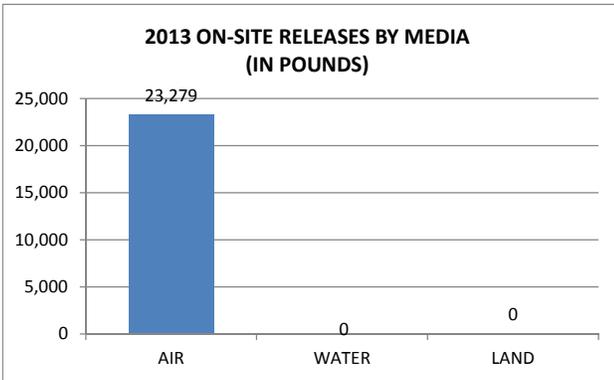
BASF has expanded and modernized the Newport facility, with production almost doubling since 1998. Even with this production increase, the facility has achieved a 67% reduction in on-site releases. Methanol is the primary chemical released on-site. Methanol is utilized in pigment production while also being generated as a co/by-product in some of the same processes. Methanol is managed both on and off-site, with less than 1% being released on-site. The other TRI chemicals used on-site are either raw materials or process aids.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
ANILINE	30	0	0	30	44,116	1,211	NO	NO
BIPHENYL	97	0	0	97	105,037	2,321	NO	NO
CYCLOHEXANE	52	0	0	52	23,836	3,459	NO	NO
METHANOL	21,996	0	0	21,996	586,255	1,190,551	NO	NO
NITRATE COMPOUNDS	0	0	0	0	28,822	0	NO	NO
NITRIC ACID	0	0	0	0	0	29,286	NO	NO
N-METHYL-2-PYRROLIDONE	0	0	0	0	49,782	0	NO	NO
P-CHLOROANILINE	10	0	0	10	5,160	390	NO	YES
XYLENE (MIXED ISOMERS)	1,094	0	0	1,094	661	5,093	NO	NO
TOTAL	23,279	0	0	23,279	843,669	1,232,311		

BASF NEWPORT, CONT.

GRAPHICAL INFORMATION:

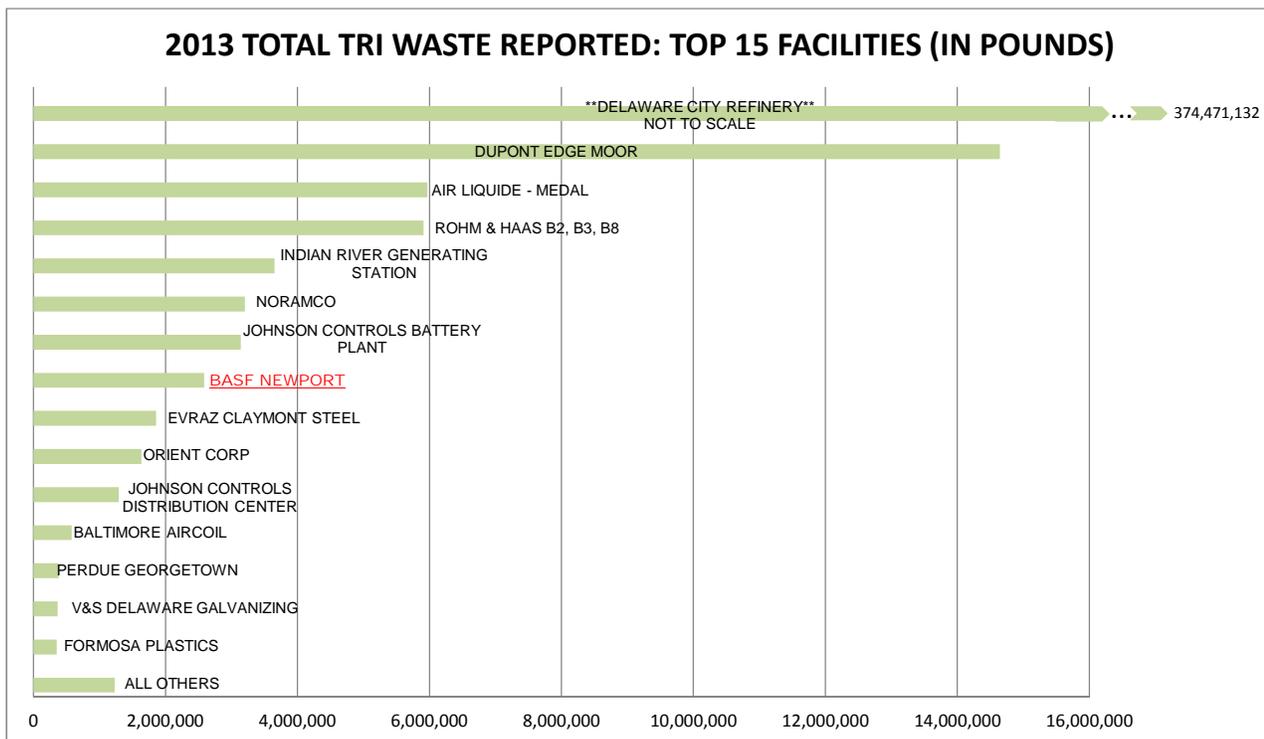
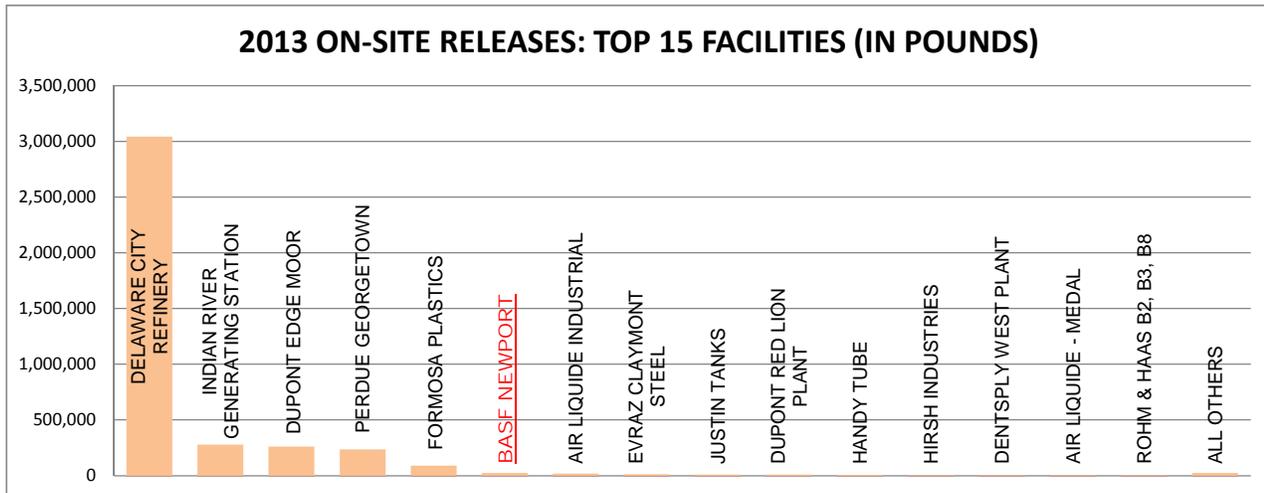




TRI FACILITY PROFILES

BASF NEWPORT, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

BASF Newport ranks 65th in the nation for off-site transfers of methanol (out of 2,123 facilities).

BASF Newport ranks 58th in the nation for on-site recycling for methanol (out of 2,123 facilities).

BASF Newport ranks 3rd in the nation for off-site transfers of biphenyl (out of 120 facilities).

BASF SEAFORD

LOCATION/CONTACT:

Address: 100 Industrial Park Blvd.
Seaford, DE 19973

Phone: (973)-245-6077

Contact: Maureen Paukert



FACILITY OVERVIEW:

BASF Seaford manufactures emulsion polymers, sometimes referred to as latex, primarily for the printing and packaging industries but also used as additives for paints and coatings. Typical customers include ink and coating manufacturers.

BASF Seaford reported on five TRI chemicals in 2013. Ammonia was the highest on-site release reported, accounting for 78% of all on-site releases. It is used as a reagent to solubilize the resin intermediate prior to polymerization and it is used to adjust pH in the process. The other chemicals reported are utilized primarily as raw materials in the polymerization process.

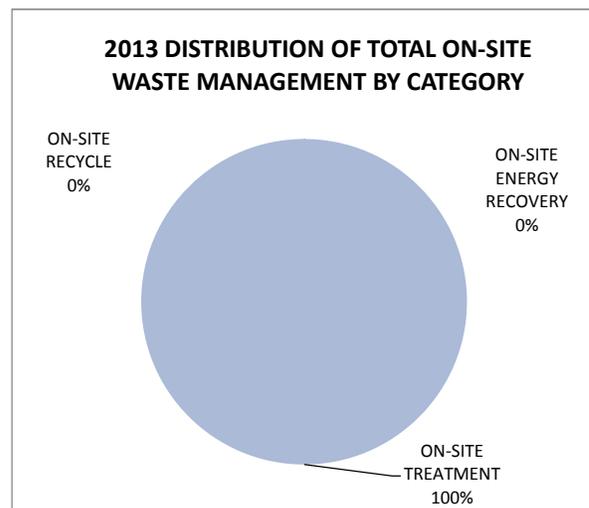
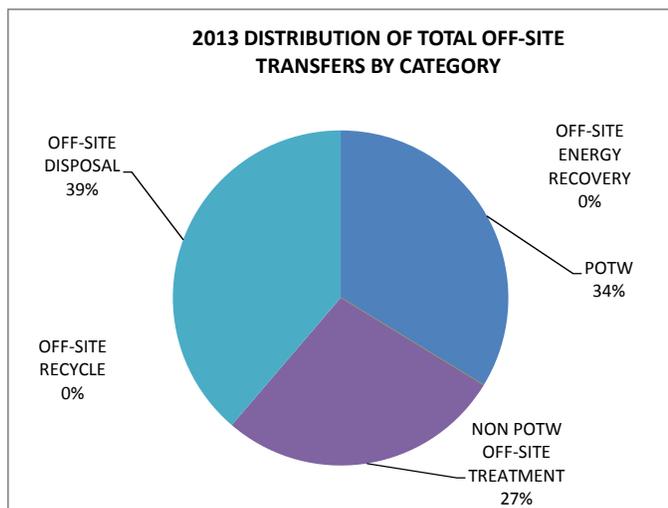
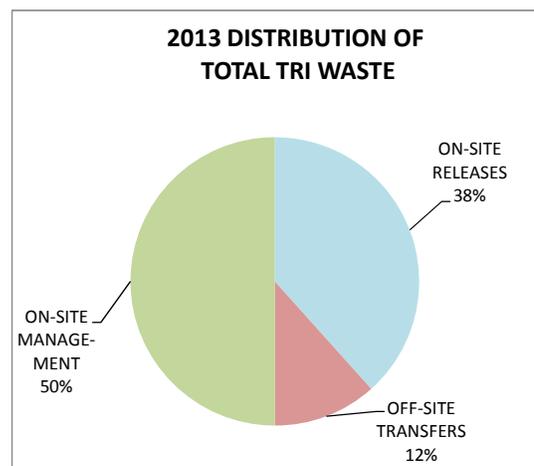
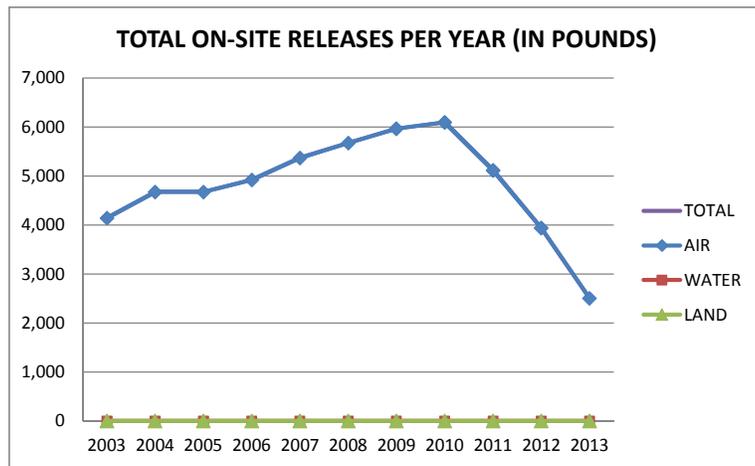
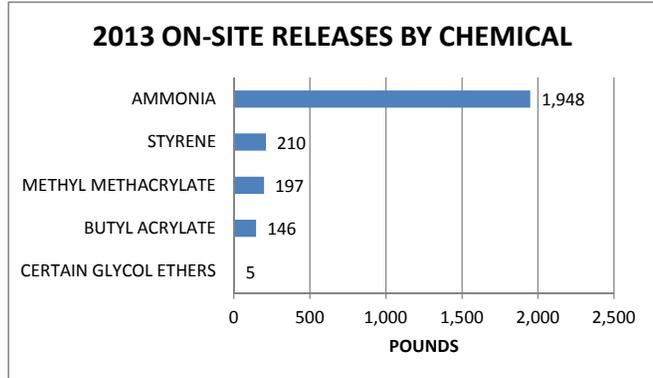
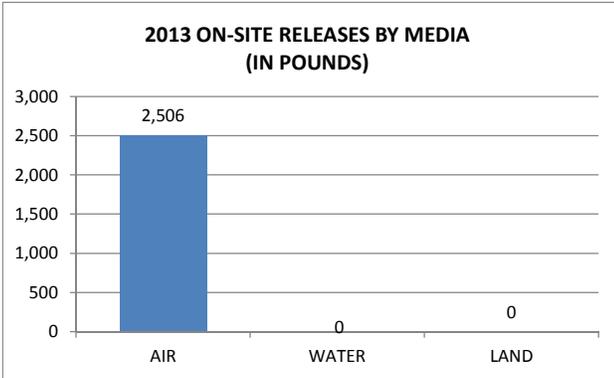
On-site releases have typically trended with the production level. On-site releases for 2013 were down 36% compared to 2012 and production was down 18%.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	1,948	0	0	1,948	288	2,301	NO	NO
BUTYL ACRYLATE	146	0	0	146	61	58	NO	NO
CERTAIN GLYCOL ETHERS	5	0	0	5	271	0	NO	NO
METHYL METHACRYLATE	197	0	0	197	61	381	NO	NO
STYRENE	210	0	0	210	78	523	NO	YES
TOTAL	2,506	0	0	2,506	759	3,263		

BASF SEAFORD, CONT.

GRAPHICAL INFORMATION:

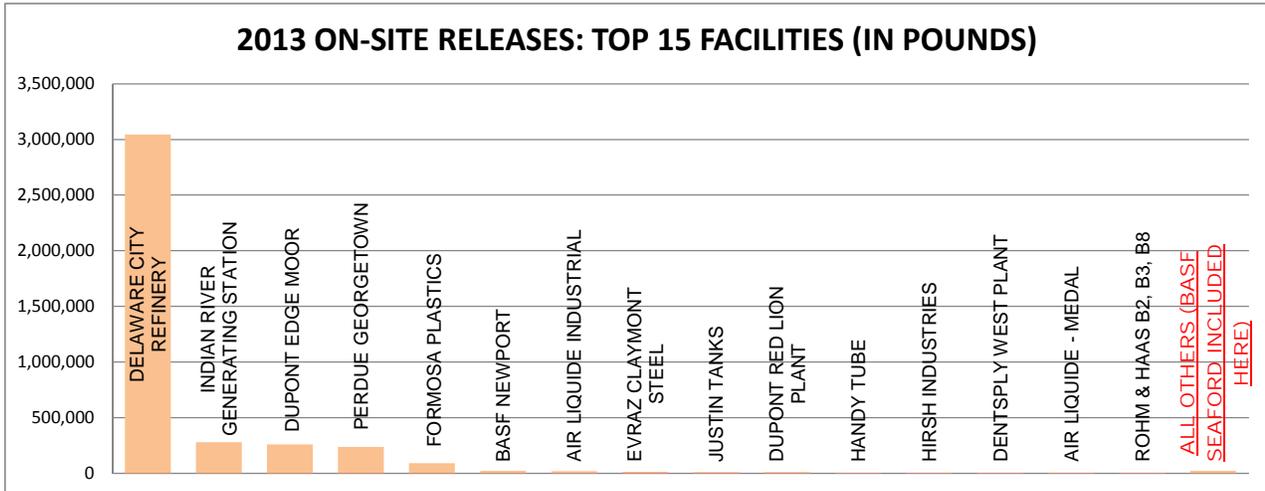




TRI FACILITY PROFILES

BASF SEAFORD, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



BASF Seaford ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

BASF Seaford is ranked 48th in the on-site treatment of methyl methacrylate by chemical facilities (NAICS 325)(out of 166 facilities).

CARL KING

LOCATION/CONTACT:

Address: 1400 E. Lebanon Road
Dover, DE 19901

Phone: (301) 322-6691

Contact: Charlie Raines



FACILITY OVERVIEW:

Carl King distributes heating oil and bulk stores fuel on-site. The operation involves loading petroleum products onto tank wagons and distributing them to customers. The tank wagons are top loaded in a diked area.

Carl King has reported since 1998. The facility reported on three chemicals in 2013, (1,2,4-trimethylbenze, naphthalene, xylene(mixed isomers)), with all chemicals being reported on the short Form A. These chemicals are found in the fuels that are sold. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 lbs. to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
1,2,4-TRIMETHYLBENZENE*	0	0	0	0	0	0	NO	NO
NAPHTHALENE*	0	0	0	0	0	0	NO	YES
XYLENE (MIXED ISOMERS)*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

COLOR WORKS

LOCATION/CONTACT:

Address: 251 Edwards Ave
New Castle, DE 19720

Phone: (302)324-8411

Contact: Sean Histed



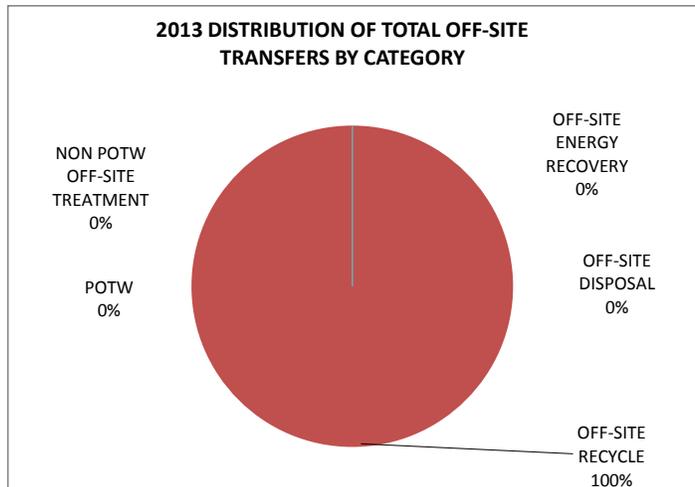
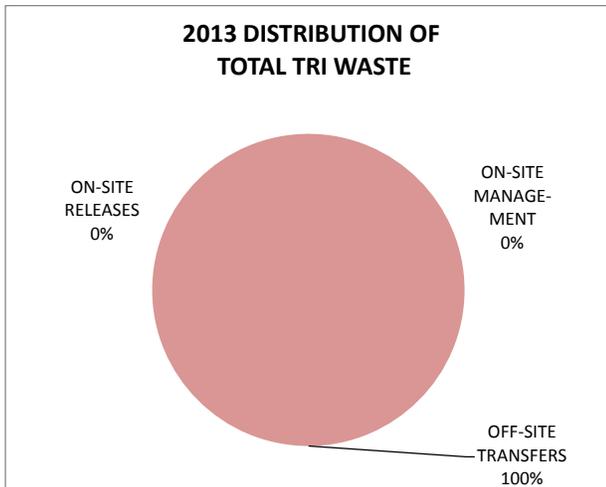
FACILITY OVERVIEW:

Color Works reported under the North American Industrial Classification System (NAICS) as 332812, which covers metal coating, engraving, and allied services to manufacturers. Color Works reported on one chemical in 2013 manganese. There were no reported on-site releases, with all waste being sent off-site for recycling.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
MANGANESE	0	0	0	0	1,094	0	NO	NO
TOTAL	0	0	0	0	1,094	0		

GRAPHICAL INFORMATION:



TRI FACILITY PROFILES



COLOR WORKS, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Color Works ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Color Works ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

CRODA

LOCATION/CONTACT:

Address: 315 Cherry Lane
New Castle, DE 19720

Phone: (302) 429-5269

Contact: Robert Touhey



FACILITY OVERVIEW:

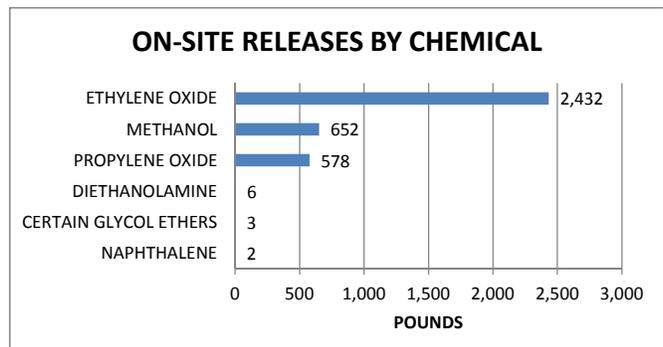
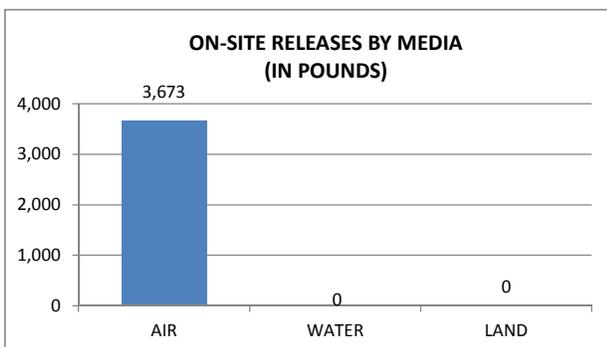
Croda manufactures products, known as surfactants, that promote the mixing of oil and water based ingredients in many consumer products, such as baby shampoo, shaving cream, mouthwash, pharmaceuticals, and many other personal care and industrial products.

The facility has reported since 1987, previously as ICI Atlas Point and Uniqema, with Croda International acquiring Uniqema in 2006. Croda reported on six chemicals for 2013. All on-site releases were to air, with the largest being ethylene oxide. The majority of chemicals reported are primarily utilized as ingredients in the facility's products.

2013 TRI DATA (REPORTED IN POUNDS):

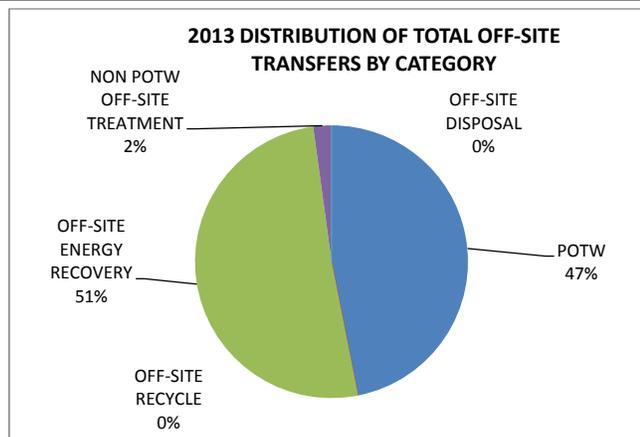
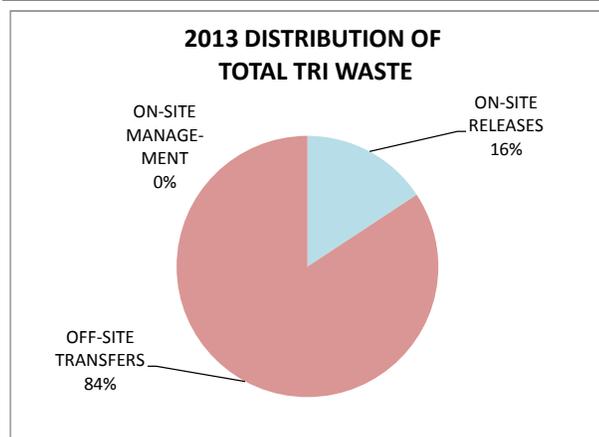
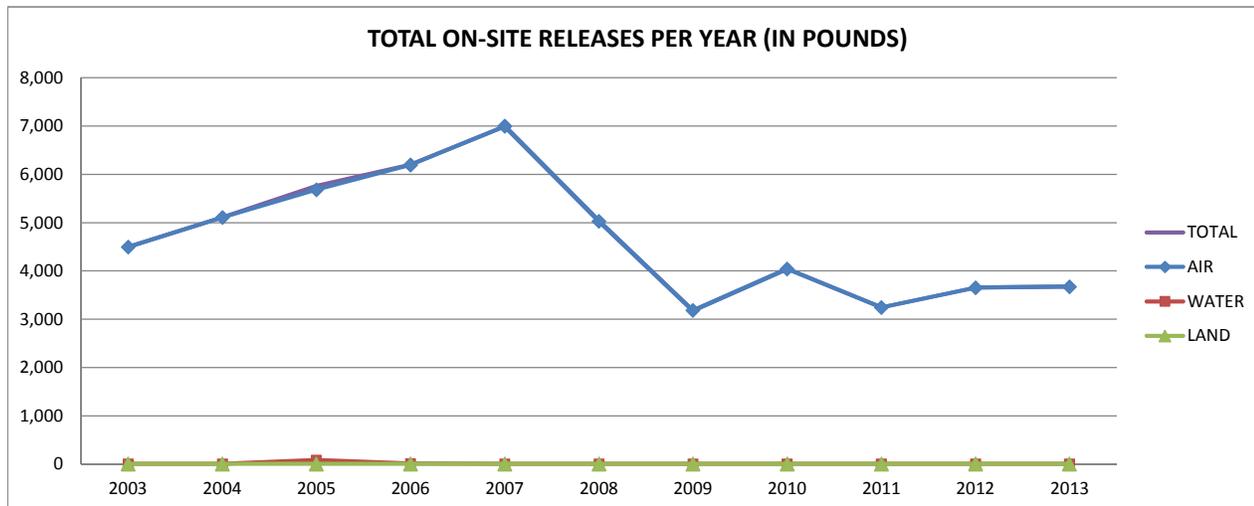
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CERTAIN GLYCOL ETHERS	3	0	0	3	3,141	0	NO	NO
DIETHANOLAMINE	6	0	0	6	41	0	NO	NO
ETHYLENE OXIDE	2,432	0	0	2,432	0	0	NO	YES
METHANOL	652	0	0	652	16,019	0	NO	NO
NAPHTHALENE	2	0	0	2	420	0	NO	YES
PROPYLENE OXIDE	578	0	0	578	0	0	NO	YES
TOTAL	3,673	0	0	3,673	19,621	0		

GRAPHICAL INFORMATION:

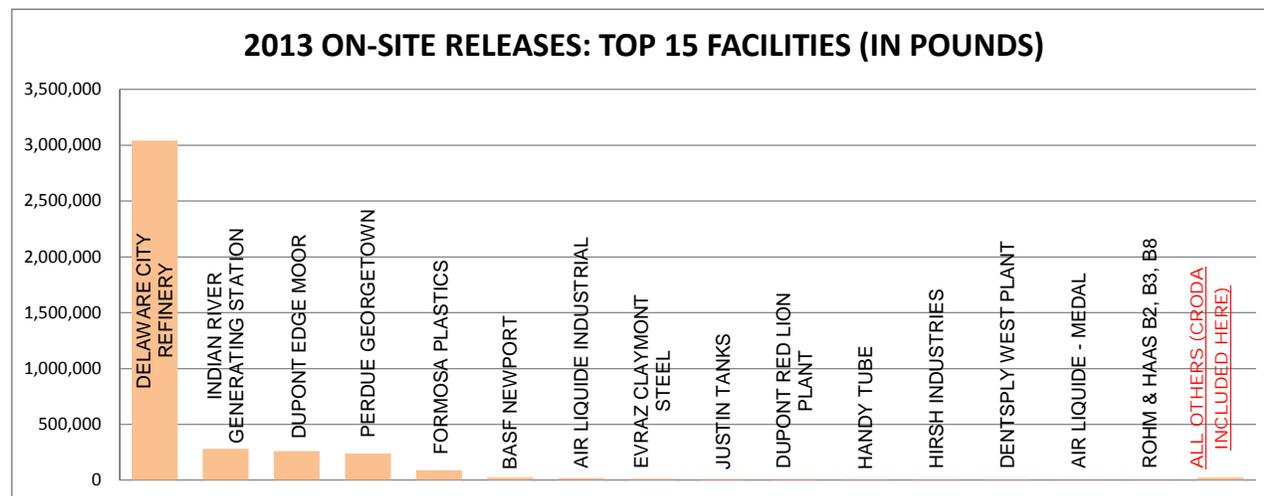


CRODA, CONT.

GRAPHICAL INFORMATION CONT.:

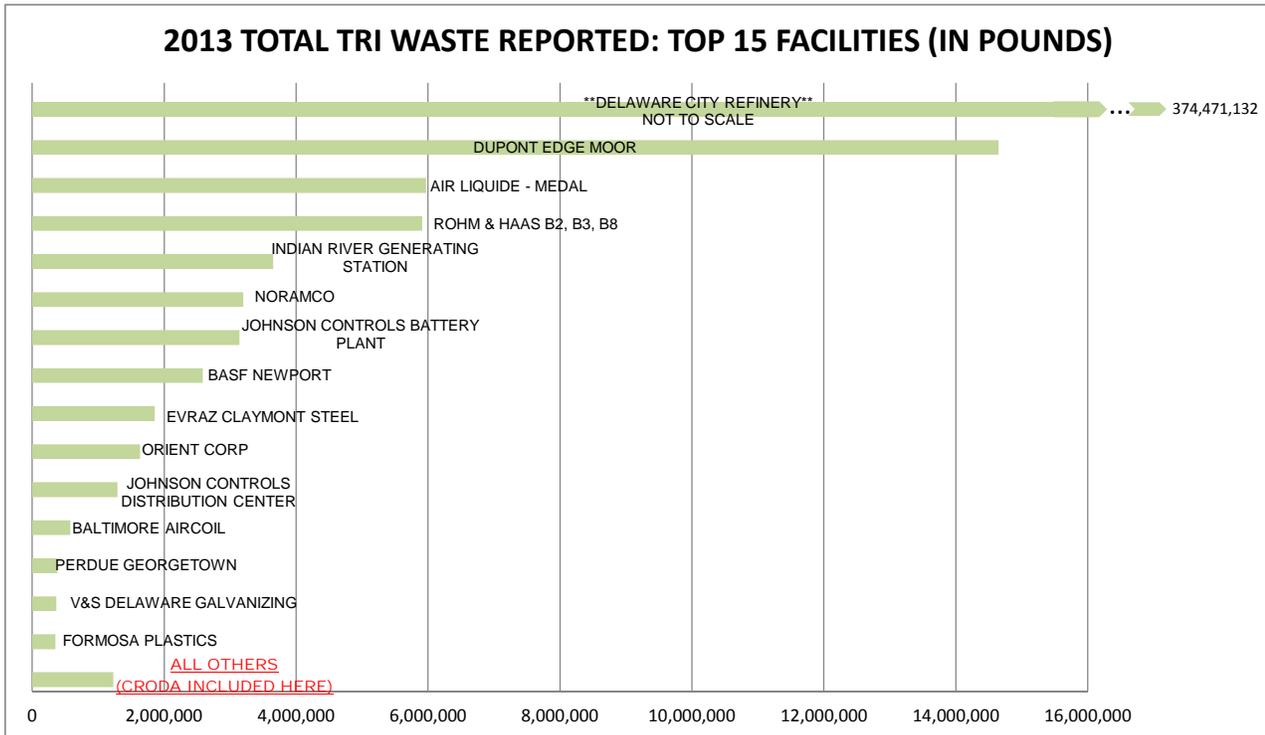


COMPARISON TO OTHER DELAWARE TRI FACILITIES:



CRODA, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

Croda ranks 26th in the nation for on-site releases of ethylene oxide (out of 115 facilities).

Croda ranks 38th in the nation for on-site releases of propylene oxide (out of 97 facilities).

DELAWARE CITY REFINERY

LOCATION/CONTACT:

Address: 4550 Wrangle Hill Road
Delaware City, DE 19706

Phone: (302)-834-6033

Contact: Lisa Lindsey



FACILITY OVERVIEW:

The Delaware City Refinery refines crude oil into automotive gasoline, diesel fuel, home heating oil, and a variety of other petroleum and energy products. In June of 2010, the Delaware City Refining Company LLC purchased the facility from Valero after the refinery had been idled in November 2009. The refinery began restarting process unit operations in mid-2011 following extensive maintenance activity and is fully operational.

For 2013 the refinery reported on 38 chemicals, with 3 million pounds being released on-site. The largest contributors were the 2.6 million pounds of nitrate compounds released to water, 257,679 pounds of sulfuric acid aerosol, and 36,039 pounds of ammonia, accounting for 96% of all on-site releases. Nitrogen, a naturally occurring compound in all crude oil, is removed during the refining process creating ammonia (NH₃), which is processed at the Sulfur Recovery Unit and residual quantities are treated at the refinery's wastewater treatment. This ammonia is treated via nitrification at the treatment plant, creating the nitrate compounds that are released to water.

Sulfuric acid mist emissions are released from combustion units at the refinery including process heaters, boilers and combustion turbines. When a sulfur-bearing fuel such as refinery fuel gas is burned, the sulfur is initially converted to Sulfur dioxide (SO₂). Under certain conditions, a small portion of the SO₂ converts to Sulfur Trioxide (SO₃). A fraction of the SO₃ can undergo a further reaction to form sulfuric acid aerosol. Sulfuric acid mist emissions vary from year to year.

Aqueous Ammonia is utilized as a reactant for several combustion treatment processes such as the Selective Catalytic Reduction (SCR) and Selective Non-catalytic Reduction (SNCR), controls that are utilized at the refinery to reduce NO_x emissions from sources such as process heaters, package boilers and the Fluid Coking Unit CO Boiler. Over 15 million pounds of ammonia is treated on-site, with less than 0.30 percent being released on-site to air and water.

On-site releases for the refinery are down 17.5% compared to 2012. This was primarily due to the reduction of nitrate compounds being released to water, which are down 775,029 pounds compared to 2012. Nitrate releases vary from year to year (see *Total On-site Releases Per Year Graph* on the next page).

An off-site transfer of asbestos for disposal (125,560 pounds) was recorded in 2013 related to asbestos remediation and abatement activities performed by the refinery. The disposal of asbestos off-site was down by 470,060 pounds compared to 2011 as higher amounts were generated related to repair and maintenance activities in preparation of the restart of the refinery.

TRI FACILITY PROFILES



DELAWARE CITY REFINERY, CONT.

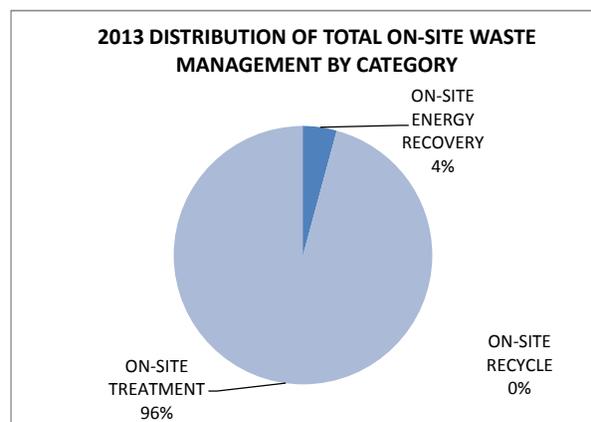
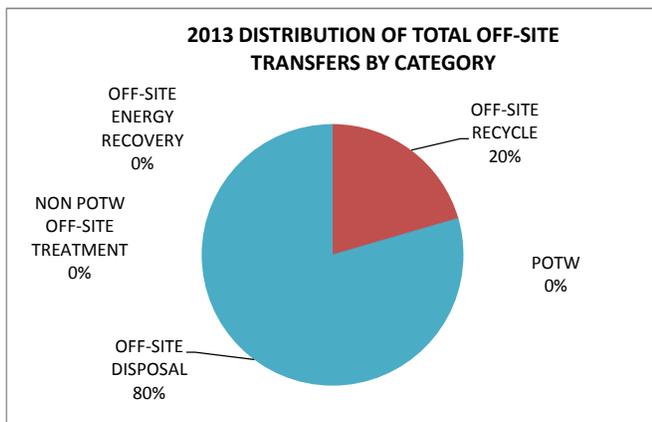
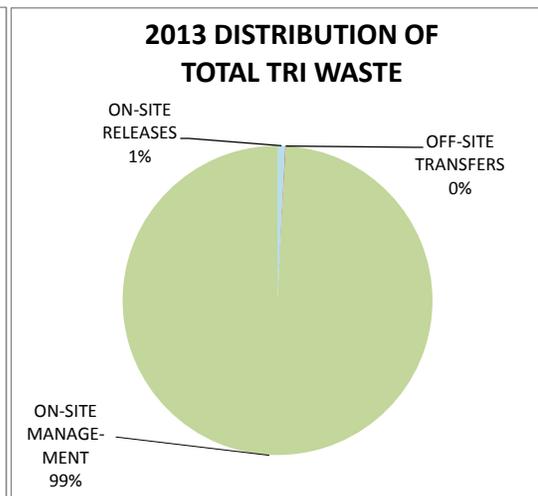
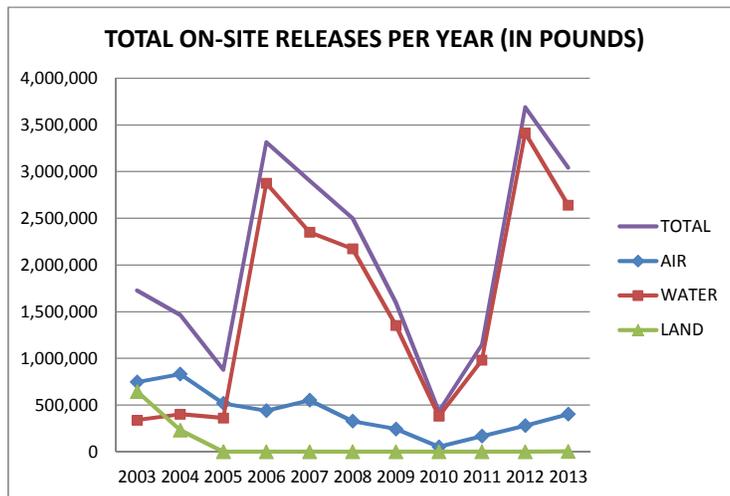
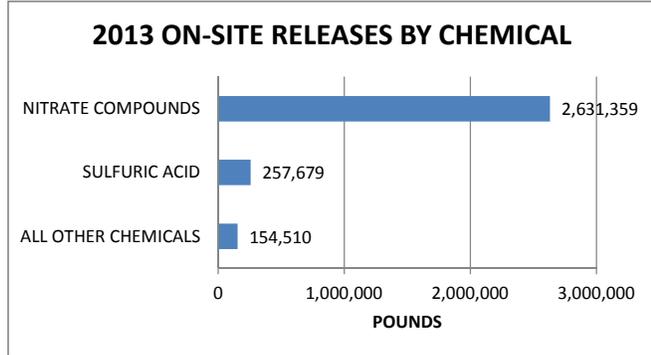
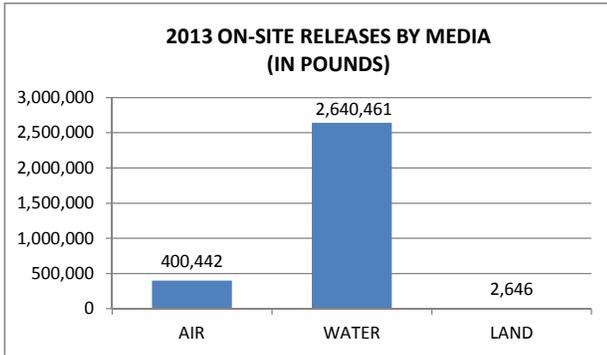
The refinery reported over 371 million pounds of chemicals managed on-site, via treatment and energy recovery. The largest of amount reported was hydrogen sulfide with over 336 million pounds treated on-site. Hydrogen sulfide is a gas that is produced during the petroleum refining process that is treated and converted to elemental sulfur by sulfur recovery processes, a material that is sold for agricultural and chemical manufacturing uses.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
1,2,4-TRIMETHYLBENZENE	1,203	5	0	1,208	0	63,921	NO	NO
1,3-BUTADIENE	396	0	0	396	0	0	NO	YES
2,4-DIMETHYLPHENOL	0	179	0	179	0	251,805	NO	YES
AMMONIA	29,968	6,071	0	36,039	0	15,158,543	NO	NO
ANTHRACENE	10	5	0	15	0	0	NO	NO
ASBESTOS (FRIABLE)	0	0	0	0	125,560	0	NO	YES
BENZENE	9,102	11	0	9,113	8	432,029	NO	YES
BENZO(G,H,I)PERYLENE	0	5	0	5	0	492	YES	NO
CARBON DISULFIDE	1,169	0	0	1,169	0	2,880,233	NO	NO
CARBONYL SULFIDE	668	0	0	668	0	13,667,098	NO	NO
CREOSOTE	467	0	2,646	3,113	17,061	0	NO	YES
CRESOL (MIXED ISOMERS)	0	359	0	359	0	331,741	NO	NO
CUMENE	3,192	5	0	3,197	0	3,318	NO	NO
CYANIDE COMPOUNDS	0	158	0	158	0	15,645	NO	NO
CYCLOHEXANE	1,840	5	0	1,845	0	7,379	YES	NO
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	0	0	NO	NO
ETHYLBENZENE	2,082	5	0	2,087	0	51,655	NO	YES
ETHYLENE	1,920	0	0	1,920	0	341,214	NO	NO
HYDROCHLORIC ACID	192	0	0	192	0	123,871	NO	NO
HYDROGEN CYANIDE	1,280	220	0	1,500	0	281,878	NO	NO
HYDROGEN SULFIDE	20,891	0	0	20,891	0	336,299,859	YES	NO
LEAD COMPOUNDS	99	3	0	102	59	0	YES	YES
MERCURY COMPOUNDS	75	2	0	77	2	0	YES	NO
METHANOL	5,462	5	0	5,467	0	38,261	NO	NO
MOLYBDENUM TRIOXIDE	14	0	0	14	0	0	NO	NO
NAPHTHALENE	2,146	147	0	2,293	0	10,493	NO	NO
N-HEXANE	30,085	5	0	30,090	0	62,251	NO	YES
NICKEL	1,342	1,709	0	3,051	36,762	0	NO	NO
NITRATE COMPOUNDS	0	2,631,359	0	2,631,359	0	0	NO	YES
PHENANTHRENE	1	5	0	6	0	43	YES	NO
PHENOL	129	179	0	308	0	302,605	NO	NO
POLYCYCLIC AROMATIC COMPOUNDS	224	4	0	228	0	405	YES	YES
PROPYLENE	8,602	0	0	8,602	0	511,882	NO	NO
STYRENE	13	5	0	18	0	1,366	NO	YES
SULFURIC ACID	257,679	0	0	257,679	0	0	NO	NO
TETRACHLOROETHYLENE	6	0	0	6	0	0	NO	YES
TOLUENE	14,178	5	0	14,183	0	199,695	NO	NO
XYLENE (MIXED ISOMERS)	6,007	5	0	6,012	2	210,448	NO	NO
TOTAL	400,442	2,640,461	2,646	3,043,549	179,454	371,248,130		

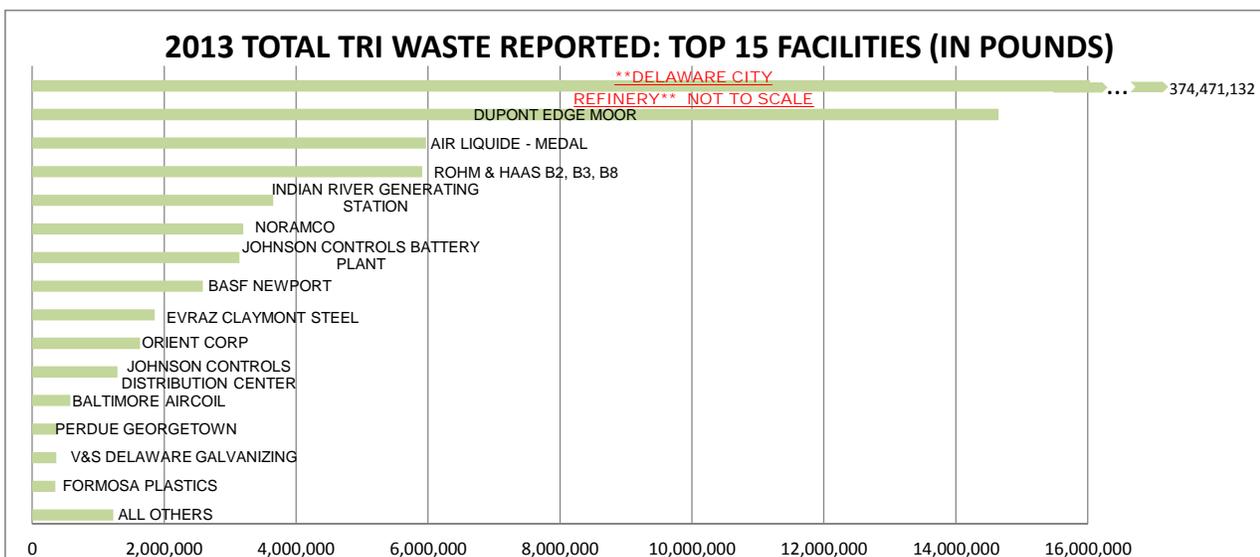
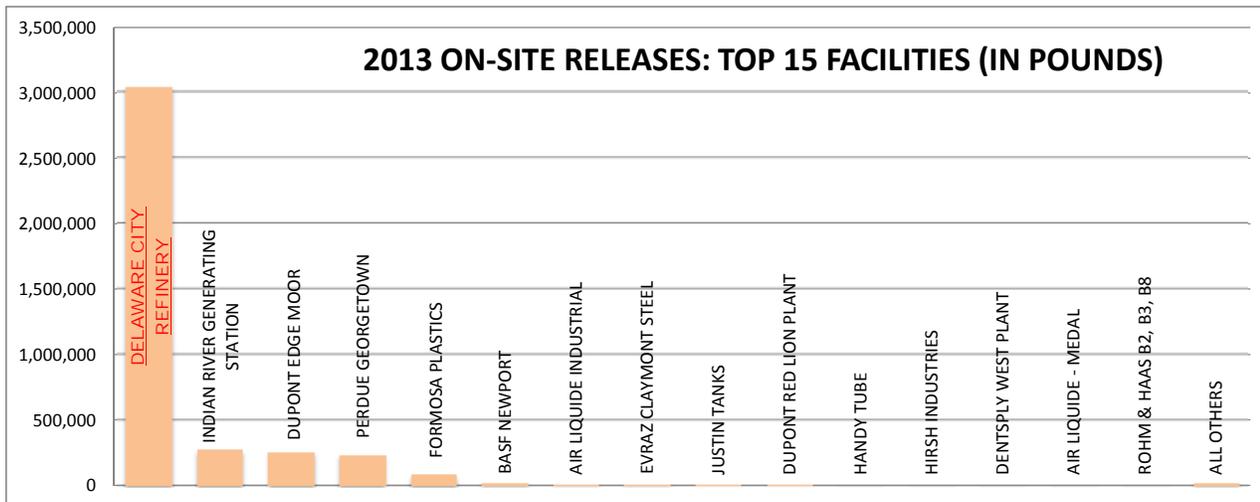
DELAWARE CITY REFINERY, CONT.

GRAPHICAL INFORMATION:



DELAWARE CITY REFINERY, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE NATIONAL RANKINGS:

Delaware City Refinery ranks 11th in on-site releases to water.

Delaware City Refinery ranks 134th for total on-site releases.

Delaware City Refinery ranks 16th in the nation for on-site releases of nitrate compounds (out of 2,105 facilities).

Delaware City Refinery ranks 1st in the nation for total waste managed and for total on-site treatment of hydrogen sulfide (out of 512 facilities).

Delaware City Refinery ranks 89th in on-site releases of sulfuric acid aerosols (out of 763 facilities).

Delaware City Refinery ranks 5th in off-site transfers of asbestos (friable) (out of 35 facilities).

DENTSPLY LAKEVIEW

LOCATION/CONTACT:

Address: 38 West Clarke Ave.
Milford, DE 19963

Phone: (302) 422-4511

Contact: Jesse Bautista



FACILITY OVERVIEW:

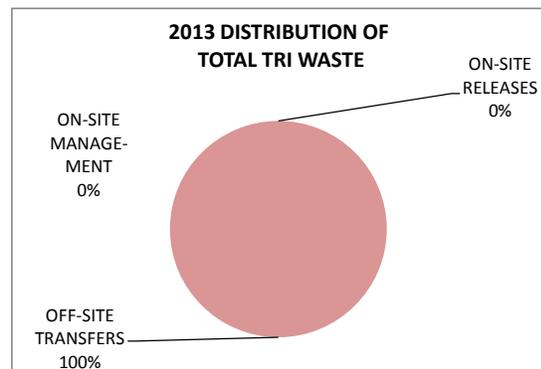
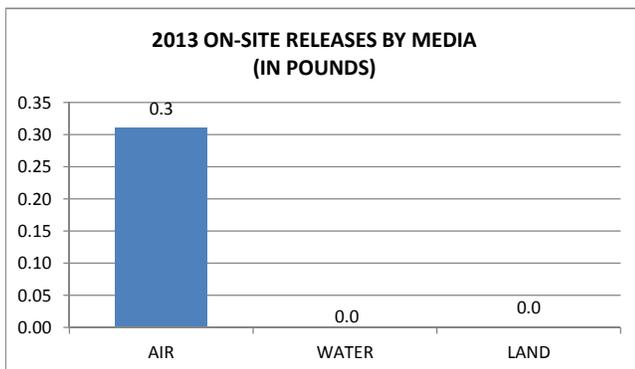
The Dentsply International LLC, Caulk Division (Caulk) produces a line of consumable products for the dental industry. These products include dental adhesives, dental impression materials, and restoratives. These products are used in dental maintenance and restoration applications. Caulk's East Masten Circle facility (Dentsply West) and the West Clarke Avenue facility (Dentsply Lakeview) are located in Milford.

The facility has reported since 1987. For 2013, Dentsply Lakeview reported on one chemical, mercury. Virtually all of their mercury is used in their products or recycled (1,086 pounds recycled), with reported on-site mercury releases to air of 0.31 pounds.

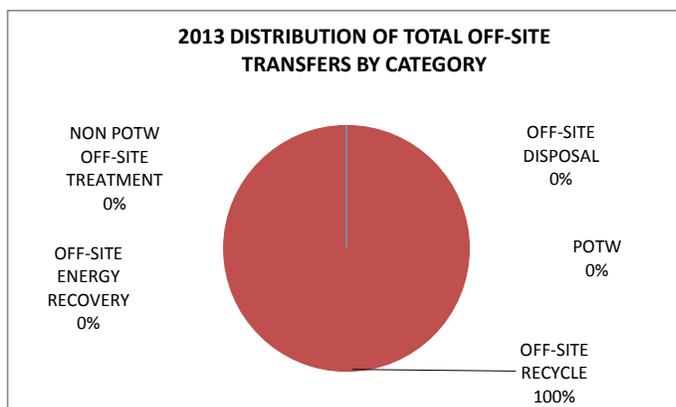
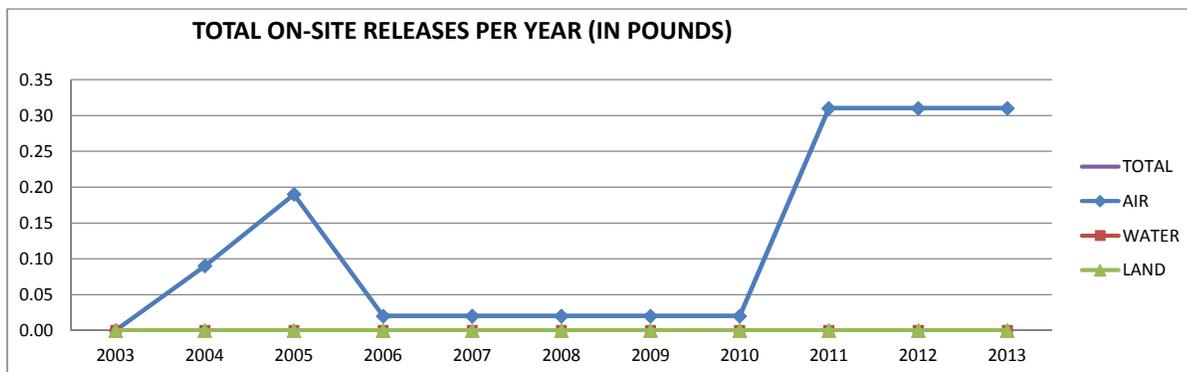
2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
MERCURY	0.3	0.0	0.0	0	1,086	0	YES	NO
TOTAL	0.3	0.0	0.0	0	1,086	0		

GRAPHICAL INFORMATION:



DENTSPLY LAKEVIEW, CONT.



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Dentsply Lakeview ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Dentsply Lakeview ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Dentsply Lakeview ranks 16th in the nation for off-site transfers of mercury (out of 463 facilities).

DENTSPLY WEST

LOCATION/CONTACT:

Address: 779 E Masten Circle
Milford, DE 19963

Phone: (302) 422-4511

Contact: Jesse Bautista



FACILITY OVERVIEW:

The Dentsply International LLC, Caulk Division (Caulk) produces a line of consumable products for the dental industry. These products include dental adhesives, dental impression materials, and restoratives. These products are used in dental maintenance and restoration applications. Caulk’s East Masten Circle facility (Dentsply West) and the West Clarke Avenue facility (Dentsply Main) are located in Milford.

The facility has reported since 1987. Dentsply West reported three TRI chemicals for 2013, methanol, methyl methacrylate (MMA), and toluene. Methanol is used as a processing aid in the manufacture of polymethacrylates. Methyl methacrylate (MMA) is also used in the manufacture of polymethacrylates. Toluene is used for cleaning. All on-site releases were reported as released to air.

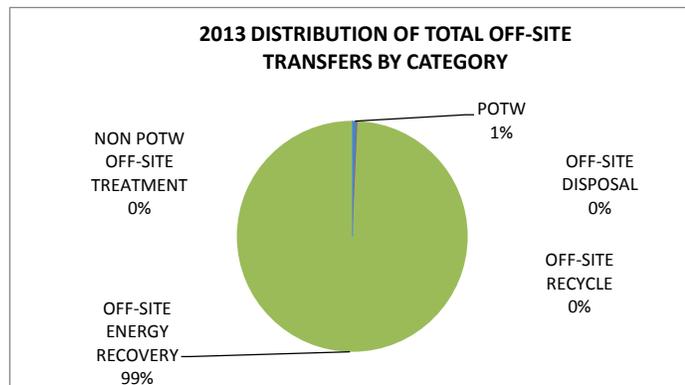
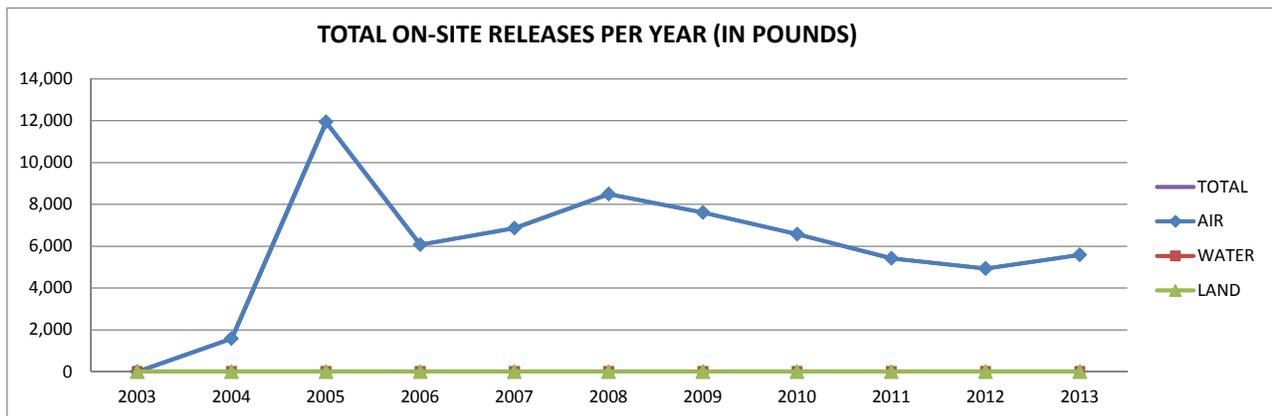
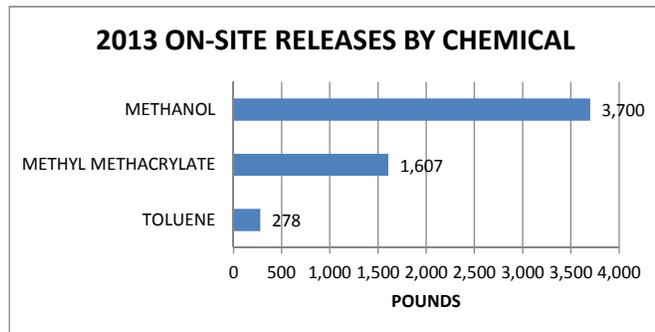
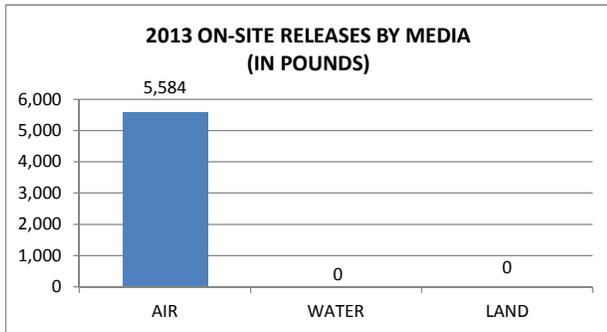
Reported on-site releases have increased significantly since 2004 because of increased production, addition of new equipment, and more accurate reporting methods. In 2005, the facility reported significant increases in on-site releases for toluene and MMA, and the facility reported on-site release of methanol in 2005 for the first time since 2002. This facility did not submit any TRI reports for 2003. For 2013, on-site releases increased 17%, with production increasing 21% (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
METHANOL	3,700	0	0	3,700	7,932	0	NO	NO
METHYL METHACRYLATE	1,607	0	0	1,607	68	0	NO	NO
TOLUENE	278	0	0	278	15,244	0	NO	NO
TOTAL	5,584	0	0	5,584	23,245	0		

DENTSPLY WEST, CONT.

GRAPHICAL INFORMATION:

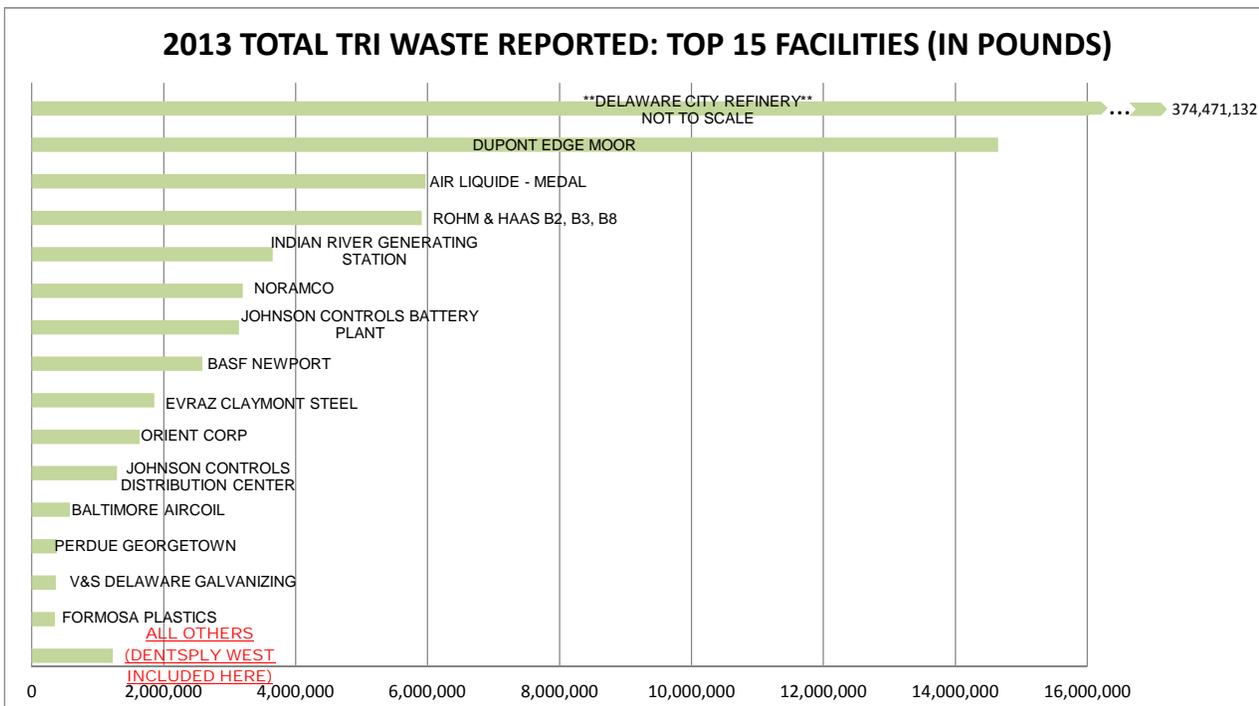
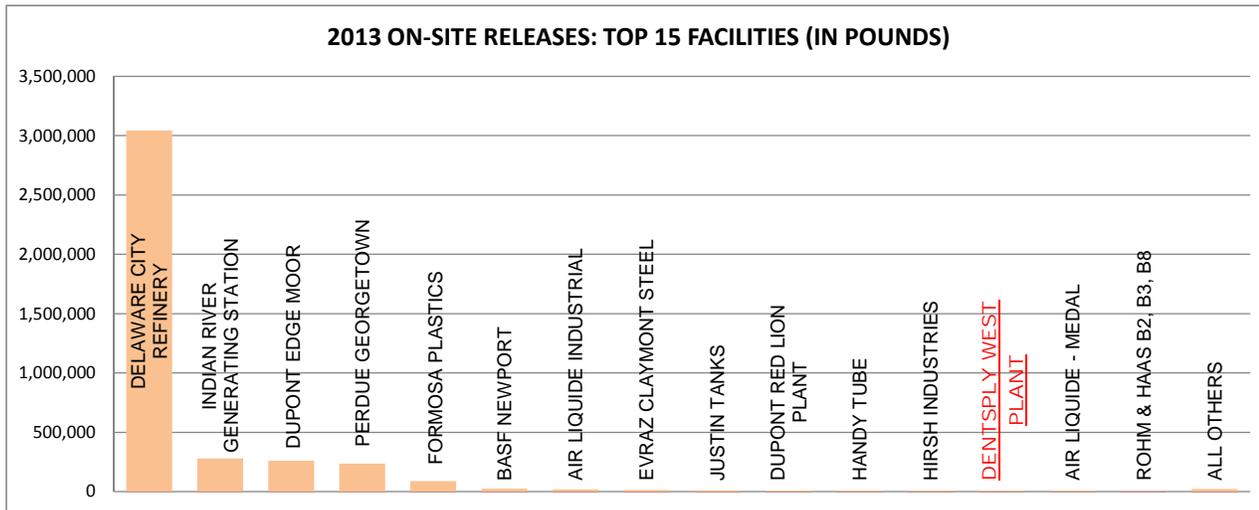




TRI FACILITY PROFILES

DENTSPLY WEST, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Dentsply West ranks 53rd in the nation total on-site releases for miscellaneous manufacturing facilities (NAICS 339) (out of 342 facilities).

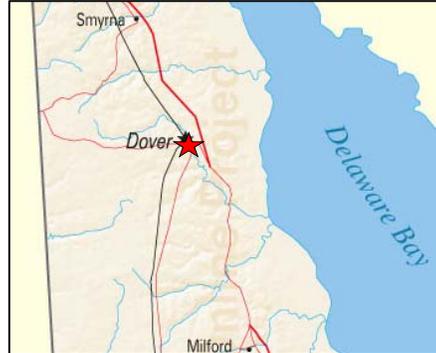
DOVER AIR FORCE BASE

LOCATION/CONTACT:

Address: 436 CES/CC 600 Chevron Ave.
Dover Air Force Base, DE 19902

Phone: (302) 677-3370

Contact: Jennifer Vallee



FACILITY OVERVIEW:

The Dover Air Force Base (DAFB) is a military installation that falls under the federal facility reporting requirements. DAFB is home to the 436th Airlift Wing, commonly known as the "Eagle Wing" and the 512th Airlift Wing, the Reserve associate, as the "Liberty Wing." Dover houses the C-5 Galaxy and C-17 Globemaster III, large transport military aircraft. Team Dover's mission focus is to safely fix and fly aircraft, prepare and deploy Airmen, move cargo, and return America's fallen heroes with dignity, honor and respect.

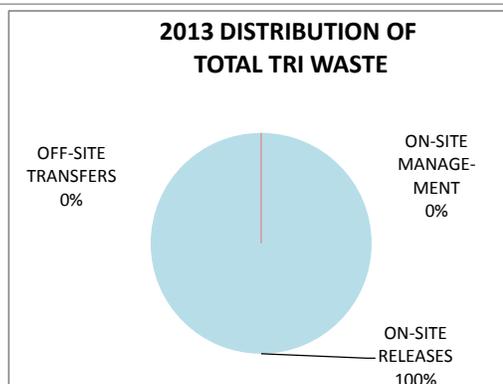
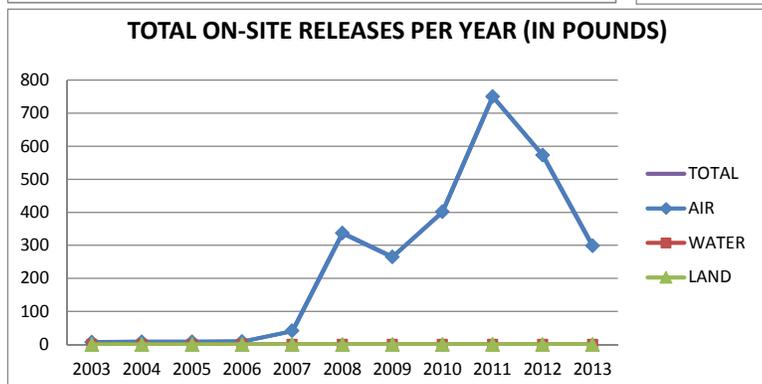
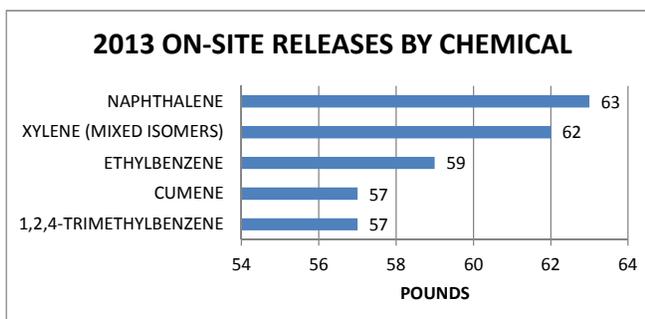
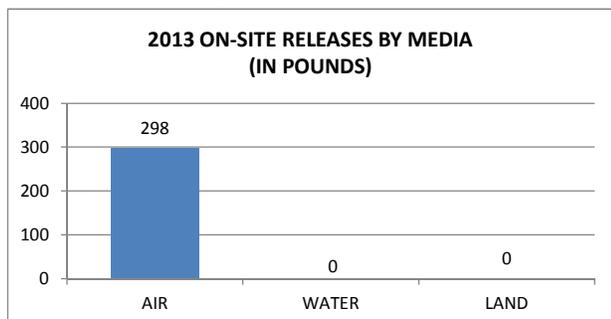
Dover Air Force Base (DAFB) has reported to TRI since 2001. For 2013, the facility reported on five chemicals, with all on-site releases being made to air. These chemicals are the by-product of jet fuel being used on DAFB. The reported TRI data is from the fuel utilized by transient aircraft stopping at DAFB, and the depot level maintenance taking place at the Jet Engine Test Cell. Transient vehicles include only vehicles stopping at the installation for fuel or rest, and that have no assigned mission at the facility. Vehicles with an assigned mission at the base fall under the motor-vehicle reporting exemption. On-site releases to air are down by 47% compared to 2012.

2013 TRI DATA (REPORTED IN POUNDS):

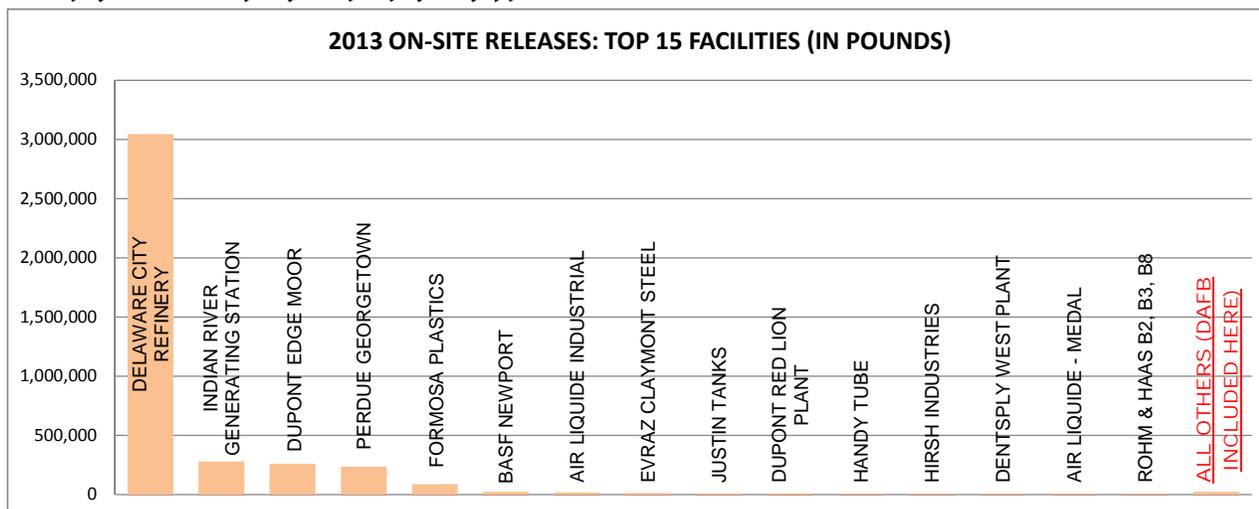
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
1,2,4-TRIMETHYLBENZENE	57	0	0	57	0	0	NO	NO
CUMENE	57	0	0	57	0	0	NO	NO
ETHYLBENZENE	59	0	0	59	0	0	NO	YES
NAPHTHALENE	63	0	0	63	0	0	NO	YES
XYLENE (MIXED ISOMERS)	62	0	0	62	0	0	NO	NO
TOTAL	298	0	0	298	0	0		

DOVER AIR FORCE BASE, CONT.

GRAPHICAL INFORMATION:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Doover Air Force Base ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

DUHADAWAY TOOL AND DIE

LOCATION/CONTACT:

Address: 801 Dawson Drive
Newark, DE 19713

Phone: (302) 366-0113

Contact: John O'Donnell



FACILITY OVERVIEW:

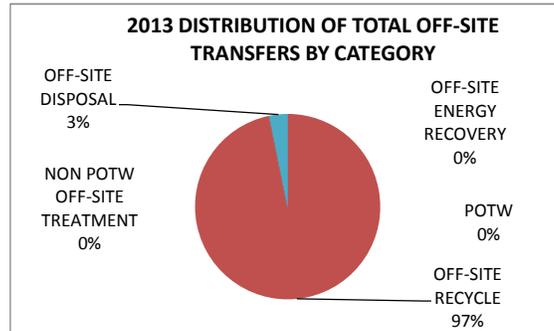
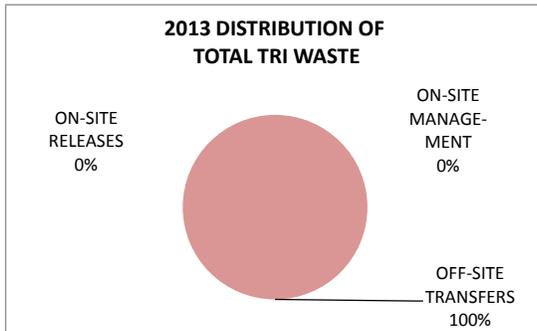
DuHadaway Tool and Die Shop produces precision crafted parts and assemblies for global power generation, automotive, military, and aerospace industries. The facility provides precision machining with the use of horizontal and vertical boring mills, machining centers, lathes, turning centers, electrical discharge machining (EDM), and welding stations.

DuHadaway Tool and Die first filed a TRI report for the 2009 reporting year. The facility was below the reporting thresholds in 2010 and 2011. For 2013, the facility reported on two chemicals, chromium and nickel, with all waste being transferred off-site. Chromium and nickel are present in varying levels in the metals that are used to manufacture parts. The scrap and metal shavings that are the result of the manufacturing process are shipped off-site for recycling.

2013 TRI DATA (REPORTED IN POUNDS):

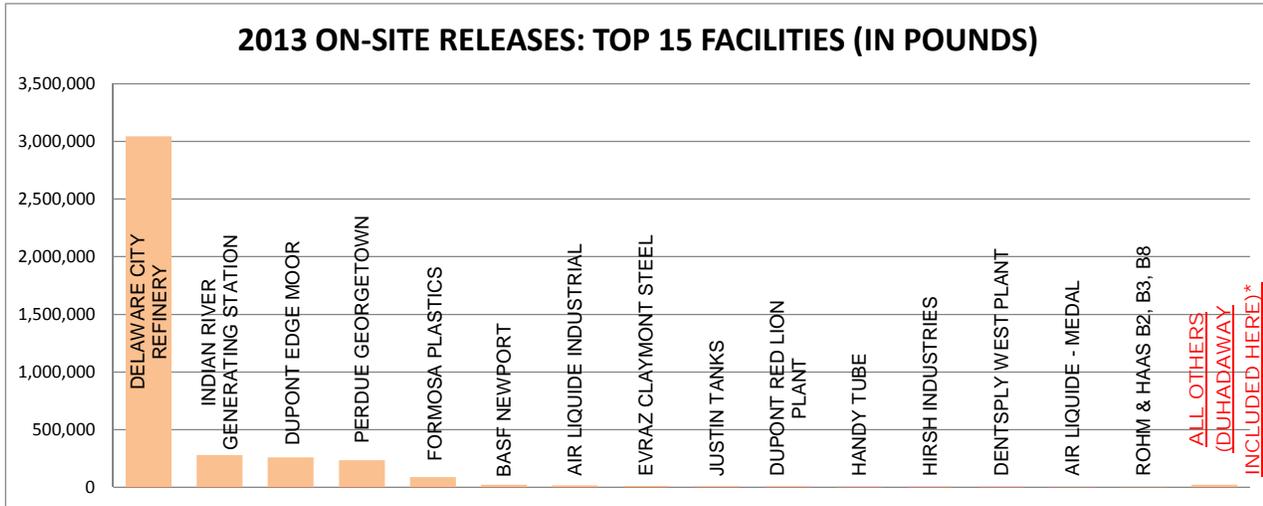
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHROMIUM	0	0	0	0	10,303	0	NO	NO
NICKEL	0	0	0	0	7,349	0	NO	YES
TOTAL	0	0	0	0	17,652	0		

GRAPHICAL INFORMATION:

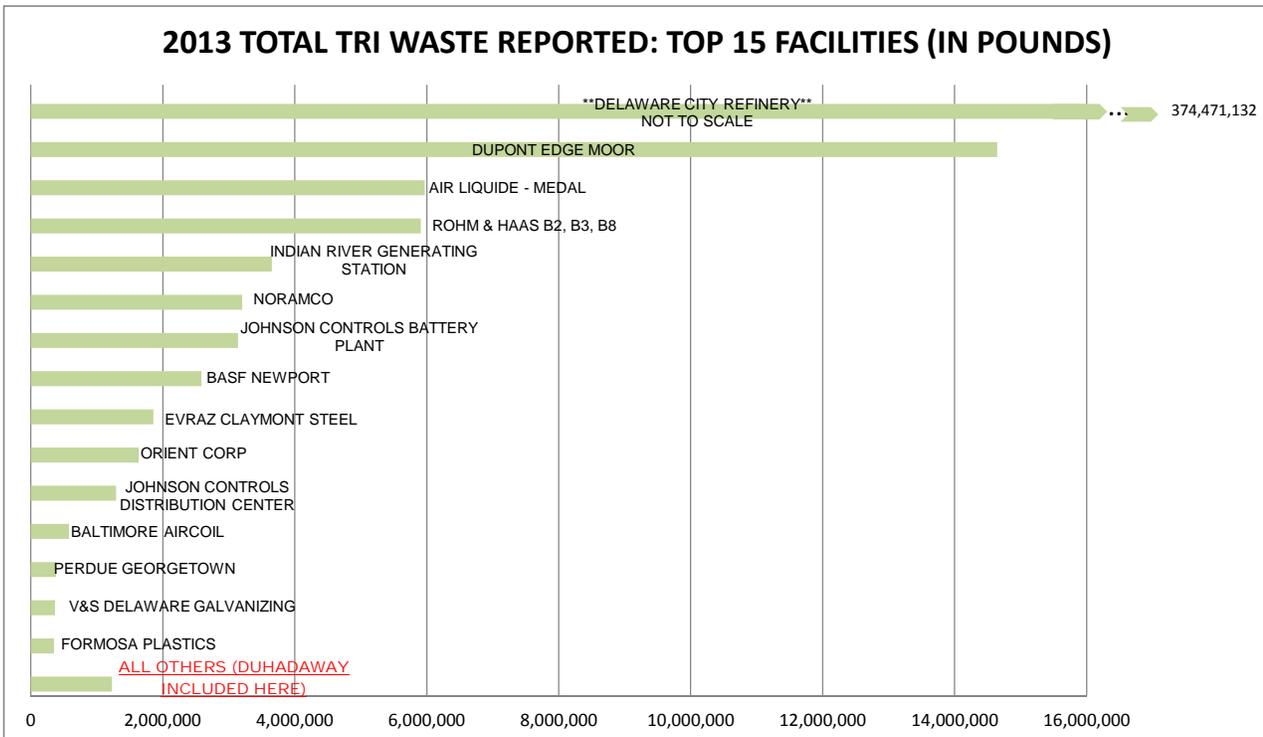


DUHADAWAY TOOL AND DIE, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



*Duhadaway Tool and Die ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site. Comparisons only include facilities reporting on Form R.



DUPONT EDGE MOOR

LOCATION/CONTACT:

Address: 104 Hay Road
Edgemoor, DE 19809

Phone: (716) 879-1846

Contact: Peter Ciotta



FACILITY OVERVIEW:

DuPont Edge Moor is one of three domestic DuPont facilities that manufacture titanium dioxide, a white pigment that is used in the paint and paper industries. The facility also produces titanium tetrachloride and ferric chloride.

The facility has reported since 1987. For 2013, DuPont Edge Moor reported on 22 TRI chemicals. Carbonyl Sulfide alone accounted for 89% of the total onsite releases for 2013. Carbonyl sulfide is a gas by-product of the titanium dioxide production process, and is produced from the use of sulfur-bearing coke in the process of manufacturing the titanium dioxide from titanium-rich ores. Manganese compounds accounted for 5% of the total on-site releases. Annual releases of manganese compounds can fluctuate with the sources of raw materials the site utilizes. Carbonyl Sulfide (97.2%), hydrochloric acid aerosol (1.9%) and chlorine (0.8%) account for 99.8% of the total on-site releases to air for 2013. Hydrochloric acid is formed as a gas by-product of the titanium dioxide production process and chlorine is utilized as a raw material to manufacture titanium dioxide.

Since 2001, DuPont Edge Moor has reduced dioxin generation by 99% by implementing a capital project and by making process modifications. Over 98.98% (525.37 grams out of 530.75 grams generated) of the dioxins generated are contained within the solid material sent off-site. The remaining 1.02% of dioxins were released on-site to water and air. The on-site releases of Dioxin and Dioxin Like compounds (DLCs 5.39 grams) increased by 4.22 grams in 2013 compared to 2012. This was primarily due to an increase in the releases to water. The DLC in water can change based on process parameters. The dioxins released to water were calculated based on sampling analysis completed as required by the NPDES permit. The majority (93%) of the DLCs released to water reported by DuPont Edge Moor is either a dioxin or furan of the lowest toxicity level.

TRI FACILITY PROFILES

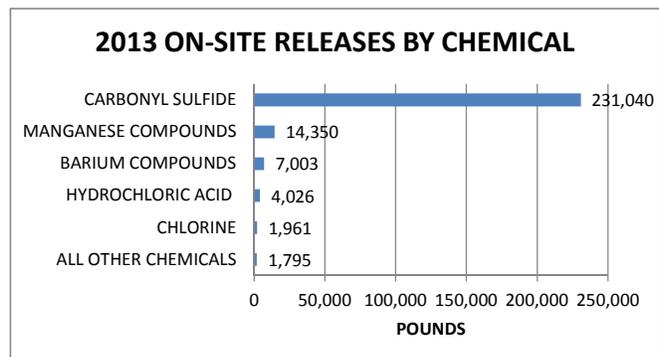
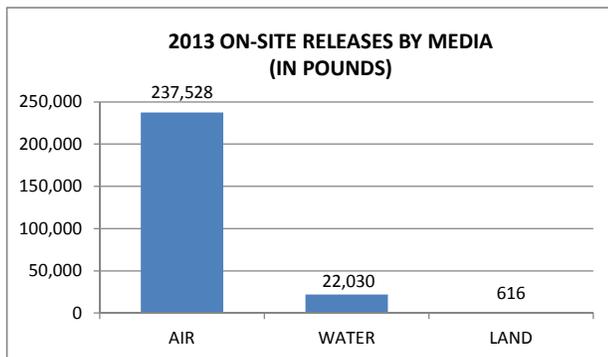


DUPONT EDGE MOOR, CONT.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
ARSENIC COMPOUNDS	0	131	0	131	1,025	0	NO	YES
BARIUM COMPOUNDS	1	7,001	0	7,003	8,758	0	NO	NO
CARBONYL SULFIDE	231,040	0	0	231,040	0	0	NO	NO
CHLORINE	1,961	0	0	1,961	0	969,939	NO	NO
CHROMIUM COMPOUNDS	0	18	0	19	179,148	0	NO	YES
COBALT COMPOUNDS	0	4	0	4	3,099	0	NO	YES
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	1	0	YES	NO
HEXACHLOROBENZENE	0	1	0	1	197	0	YES	YES
HYDROCHLORIC ACID	4,026	0	0	4,026	0	11,027,384	NO	NO
LEAD COMPOUNDS	0	84	0	84	8,594	0	YES	YES
MANGANESE COMPOUNDS	1	14,349	0	14,350	759,187	0	NO	NO
MERCURY COMPOUNDS	1	0	0	1	1	0	YES	NO
NICKEL COMPOUNDS	1	246	0	247	9,156	0	NO	YES
OCTACHLOROSTYRENE	0	0	0	0	4	0	YES	NO
PENTACHLOROBENZENE	0	0	0	0	8	0	YES	NO
PHOSGENE	301	0	0	301	0	165,815	NO	NO
POLYCHLORINATED BIPHENYLS	0	0	0	0	4	0	YES	YES
POLYCYCLIC AROMATIC COMPOUNDS	69	0	616	685	0	0	YES	YES
TITANIUM TETRACHLORIDE	39	0	0	39	0	1,104,310	NO	NO
TOLUENE	78	0	0	78	0	0	NO	NO
VANADIUM COMPOUNDS	1	110	0	111	135,665	0	NO	NO
ZINC COMPOUNDS	9	86	0	95	14,374	0	NO	NO
TOTAL	237,528	22,030	616	260,174	1,119,221	13,267,448		

GRAPHICAL INFORMATION:

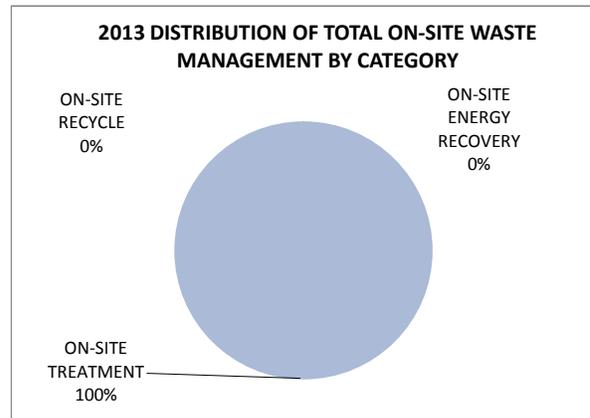
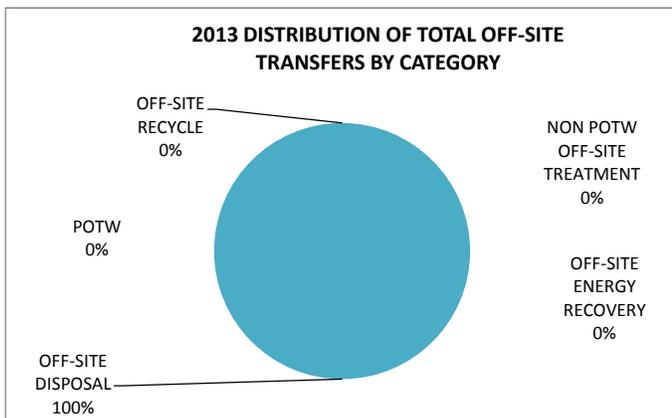
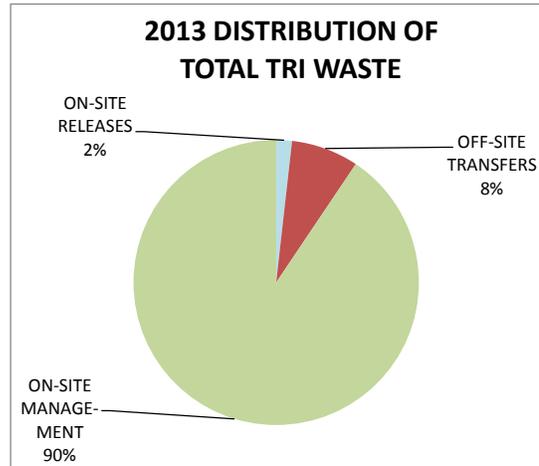
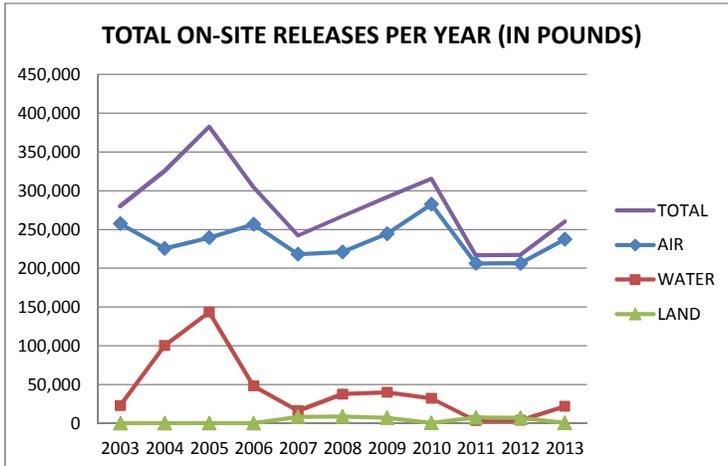




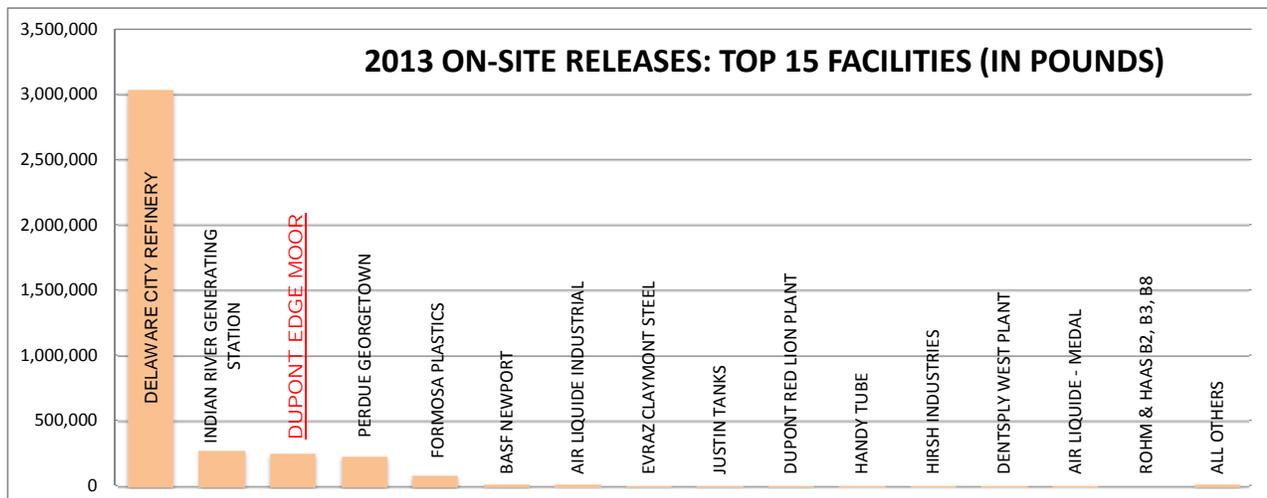
TRI FACILITY PROFILES

DUPONT EDGE MOOR, CONT.

GRAPHICAL INFORMATION CONT.:

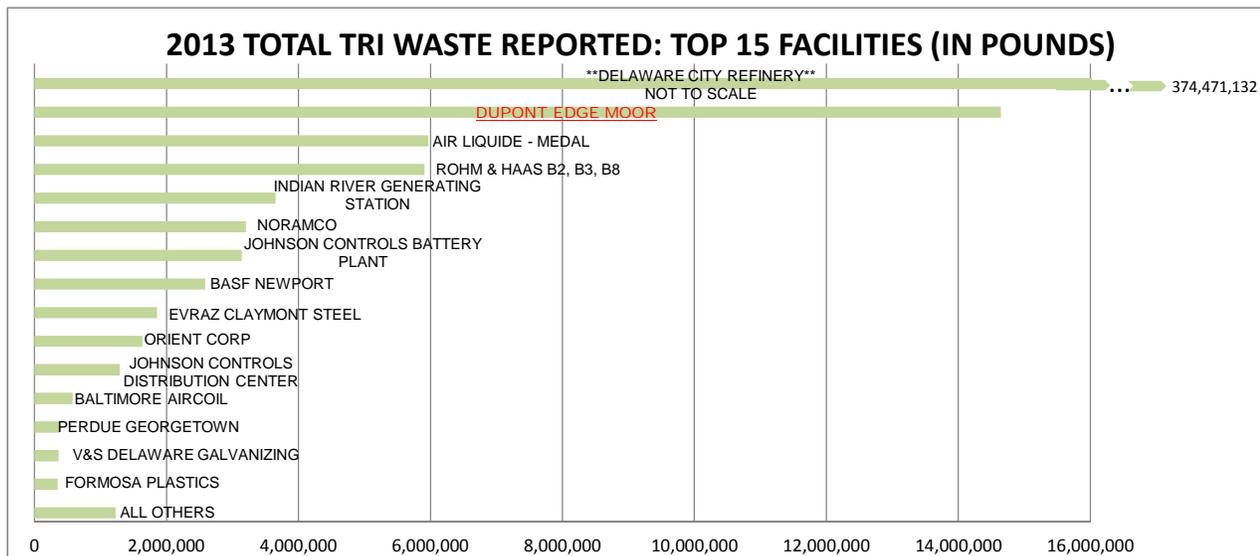


COMPARISON TO OTHER DELAWARE TRI FACILITIES:



DUPONT EDGE MOOR, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

DuPont Edge Moor ranks 14th in the nation for on-site release of carbonyl sulfide (out of 135 facilities).

DuPont Edge Moor ranks 16th in the nation for on-site treatment of hydrochloric acid aerosols (out of 1,107 facilities).

DuPont Edge Moor ranks 9th in the nation for on-site treatment of titanium tetrachloride (out of 33 facilities).



TRI FACILITY PROFILES

DUPONT RED LION

LOCATION/CONTACT:

Address: 766 Governor Lea Road
Delaware City, DE 19706

Phone: (302) 999-6493

Contact: Kristin Cecil



FACILITY OVERVIEW:

DuPont Red Lion, located north of the Delaware City Refinery (DCR), manufactures sulfuric acid derived from refinery gas received from DCR and spent sulfuric acid received from DCR and other refineries. The refinery gas is received by pipeline. Spent sulfuric acid and fresh sulfuric acid are shipped to and from the DuPont facility via pipeline, tank trucks and tank cars.

DuPont Red Lion has reported since 2005. The facility reported on four chemicals in 2013, hydrazine, hydrazine sulfate, hydrogen sulfide, and sulfuric acid. Hydrogen sulfide is used in the manufacturing process as a raw material. Hydrazine hydrate and hydrazine sulfate are used as process treatment chemicals.

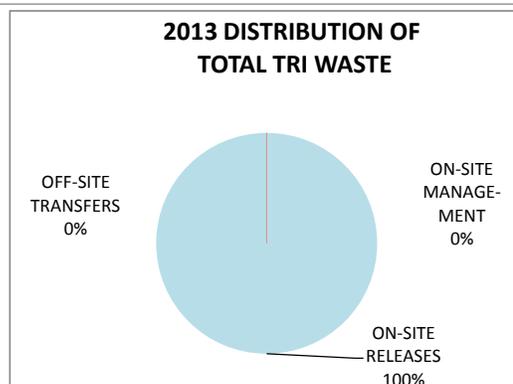
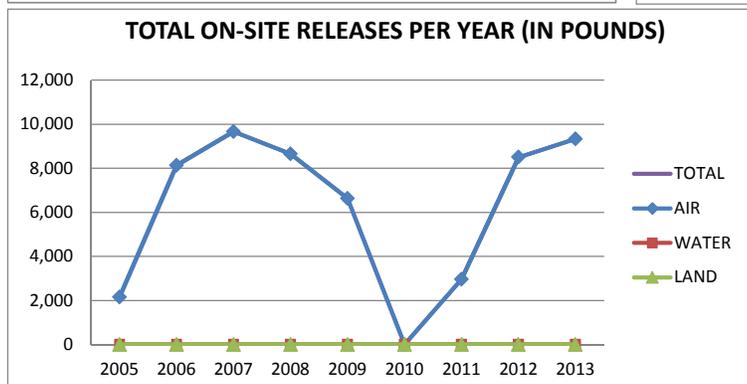
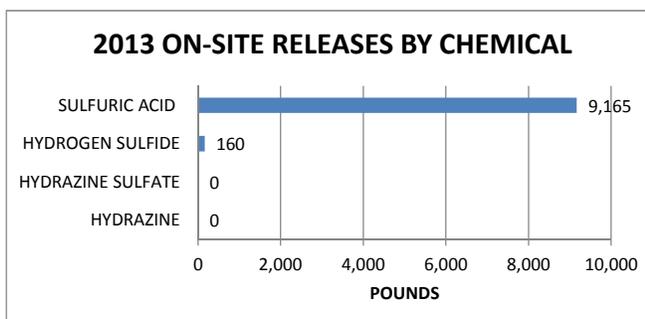
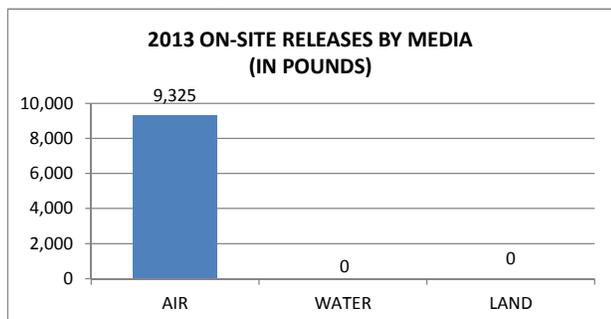
All on-site releases were to air. For 2010, while the Delaware City Refinery was idle, the DuPont Red Lion facility was also idled and was below the TRI reporting threshold for sulfuric acid and was not required to report. The DuPont Red Lion facility re-started its operations in May of 2011 after an 18 month shutdown. In 2012, the DuPont facility was operational at more typical production rates for the entire year as compared to 7 months in 2011. For 2013, on-site releases increased slightly corresponding with an increase in production of 16% (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

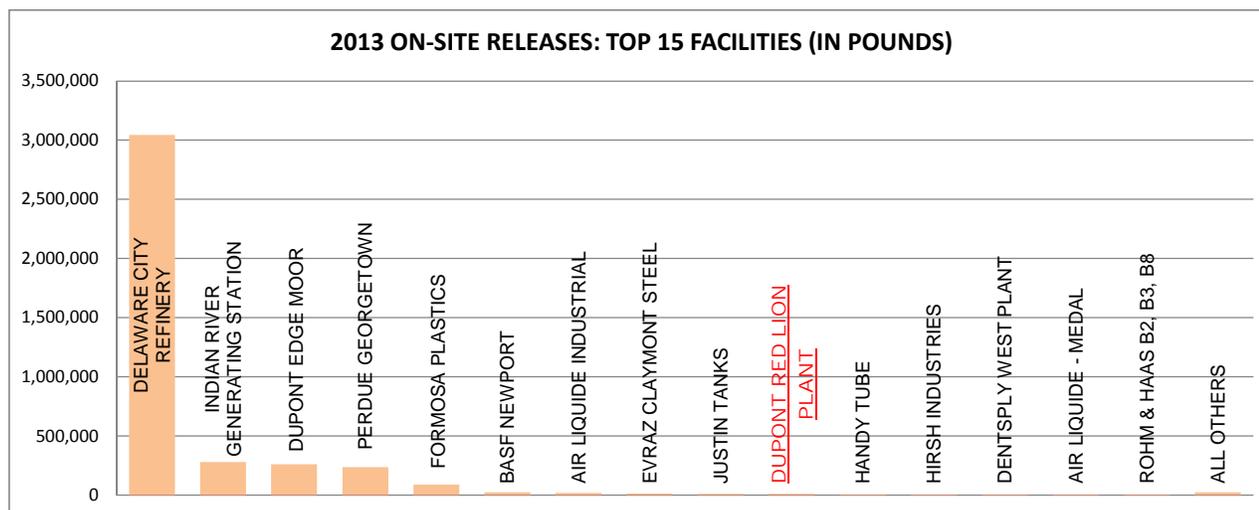
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
HYDRAZINE	0	0	0	0	0	0	NO	YES
HYDRAZINE SULFATE	0	0	0	0	0	0	NO	YES
HYDROGEN SULFIDE	160	0	0	160	0	0	NO	NO
SULFURIC ACID	9,165	0	0	9,165	0	0	NO	NO
TOTAL	9,325	0	0	9,325	0	0		

DUPONT RED LION, CONT.

GRAPHICAL INFORMATION:



COMPARISON TO OTHER DELAWARE TRI FACILITIES



Dupont Red Lion ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE NATIONAL RANKINGS

Dupont Edge Moor ranks 51st in the nation for on-site releases of sulfuric acid aerosol for for chemical facilities (NAICS 325) (out of 112 facilities).



TRI FACILITY PROFILES

EDGE MOOR/HAY ROAD ENERGY CENTERS

LOCATION/CONTACT:

Address: 200 Hay Road
Wilmington, DE 19809

Phone: (713) 830-8833

Contact: Norma Dunn



FACILITY OVERVIEW:

The Calpine Edge Moor/Hay Road facilities are located along the Delaware River a mile north of the Port of Wilmington and produce electricity. Pepco Holdings, Inc. (PHI) sold the generation assets owned by Conectiv Energy to Calpine Corporation in 2010. Based in Houston, Texas, Calpine Corporation is an electricity generating company and converted the Edge Moor, DE and Deepwater, NJ plants to burning natural gas exclusively. All coal combustion was discontinued in 2010. The ceasing of burning coal, has significantly reduced releases on-site made by the facility.

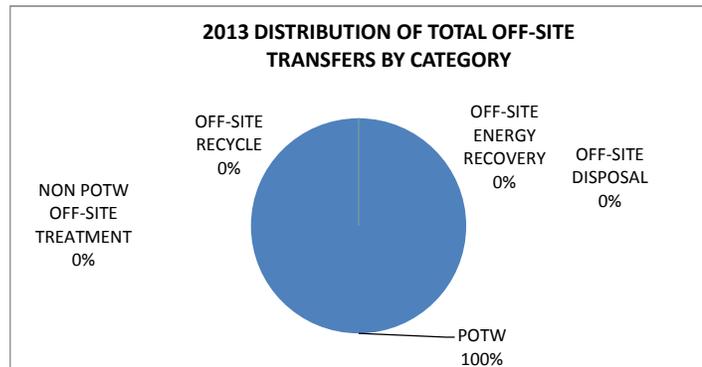
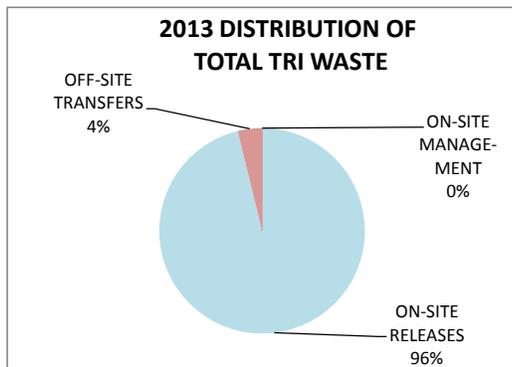
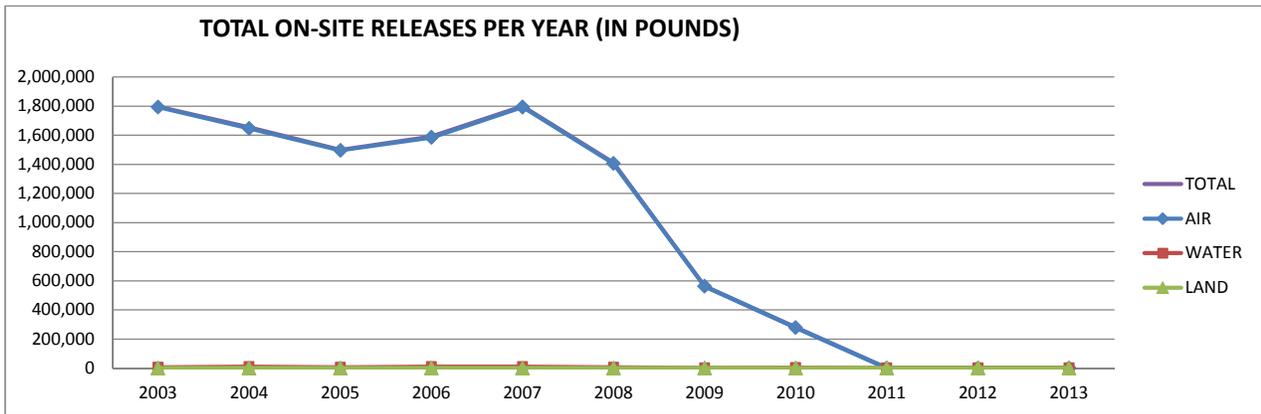
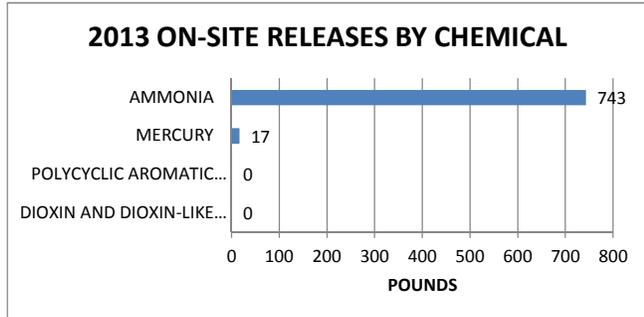
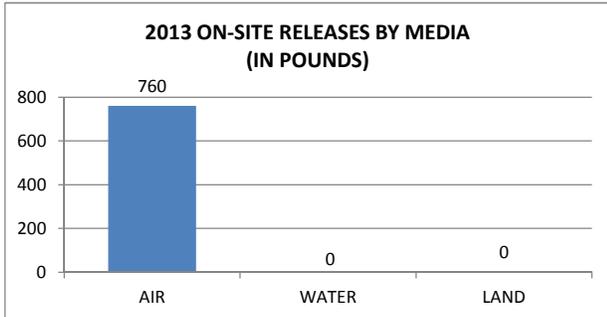
For 2013, the facility reported on 4 chemicals, ammonia, mercury, polycyclic aromatic compounds (PACs) and dioxin and dioxin like compounds (DLCs), with the on-site releases only to air. All the chemicals released except ammonia are formed as by-products during combustion process due to impurities in the fuel. Ammonia is utilized at the facilities for pollution control.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	743	0	0	743	30	0	NO	NO
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	0	0	YES	NO
MERCURY	17	0	0	17	0	0	YES	NO
POLYCYCLIC AROMATIC COMPOUNDS	0	0	0	0	0	0	YES	YES
TOTAL	760	0	0	760	30	0		

EDGE MOOR/HAY ROAD ENERGY CENTERS, CONT.

GRAPHICAL INFORMATION:

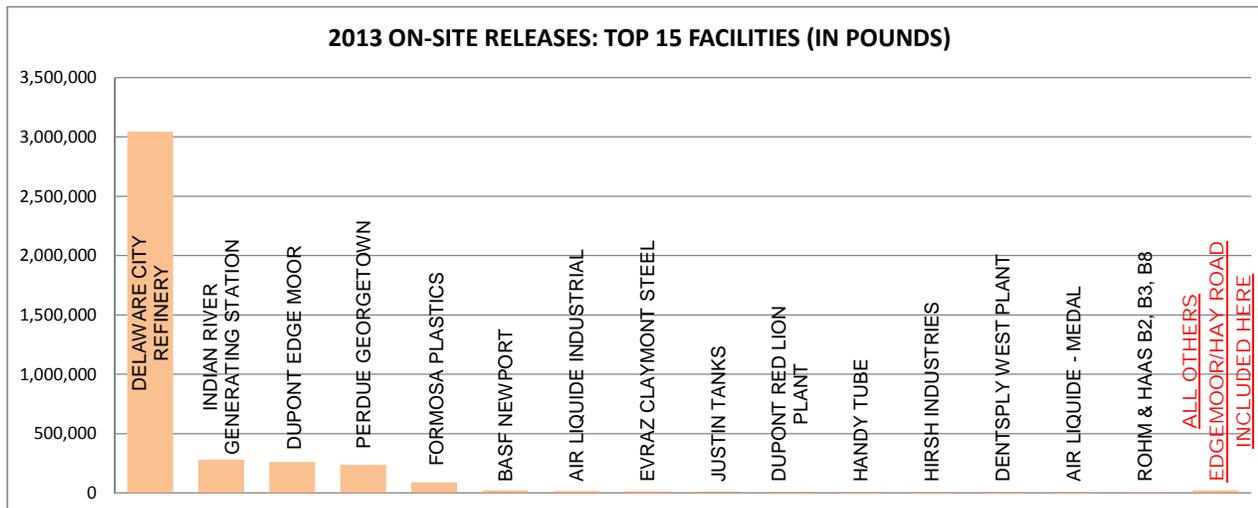




TRI FACILITY PROFILES

EDGE MOOR/HAY ROAD ENERGY CENTERS,

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Edge Moor/Hay Road Energy Center ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Edge Moor-Hay Road Energy Centers ranks 26 for on-site releases of mercury from electric utility facilities (NAICS code 2211) (out of 39 facilities).

EVRAZ CLAYMONT

LOCATION/CONTACT:

Address: 4001 Philadelphia Pike
Claymont, DE 19703

Phone: (302)-792-5400

Contact: Tomasz Wesolowski



FACILITY OVERVIEW:

Evraz Claymont Steel (ECS) manufactures high strength low alloy carbon steel plate for heavy construction and industrial applications. The facility purchases and recycles up to 500,000 tons of scrap steel annually and melts it in an electric arc furnace making this facility the largest metal recycler in the state of Delaware. The melted steel is cast into large slabs which are rolled into plates of thicknesses from 1/4" to 5-1/2". The plates are sold throughout North America.

ECS has reported since 1989, previously as CitiSteel. For 2013, ECS reported on-site releases of eight TRI chemicals; seven metallic compounds and dioxin compounds, for 2013. The majority of waste is shipped off-site for recycling and most of the on-site releases were to land.

A consent decree was entered into between DNREC and ECS in 2010 requiring ECS to maintain its participation in the mercury pollution prevention program. Also, the consent decree required the upgrades to the Air pollution Control System (installation of additional baghouse capacity) to minimize air pollutants release by capturing and collecting air pollutants (dust) from certain operations in the melt shop area, including the electric arc furnace, stir station, and ladle reheat operation. This work was completed in 2013.

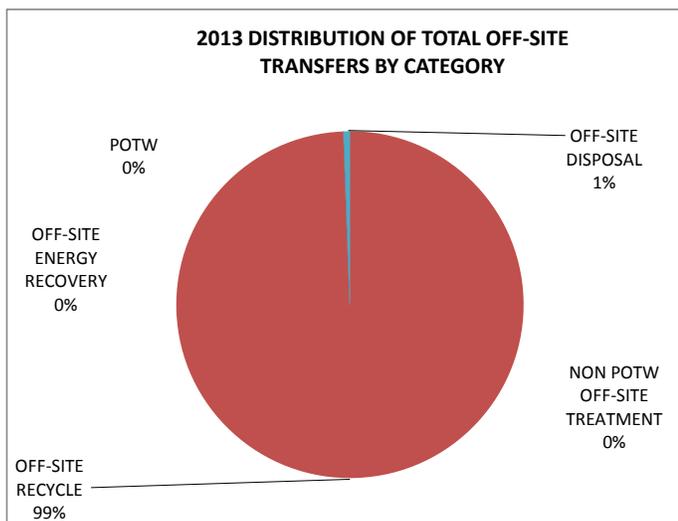
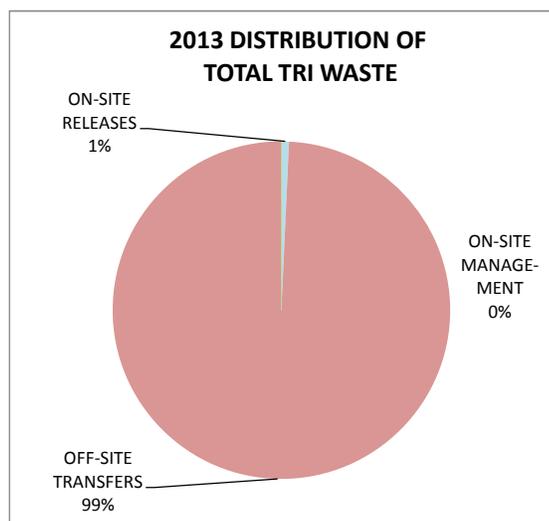
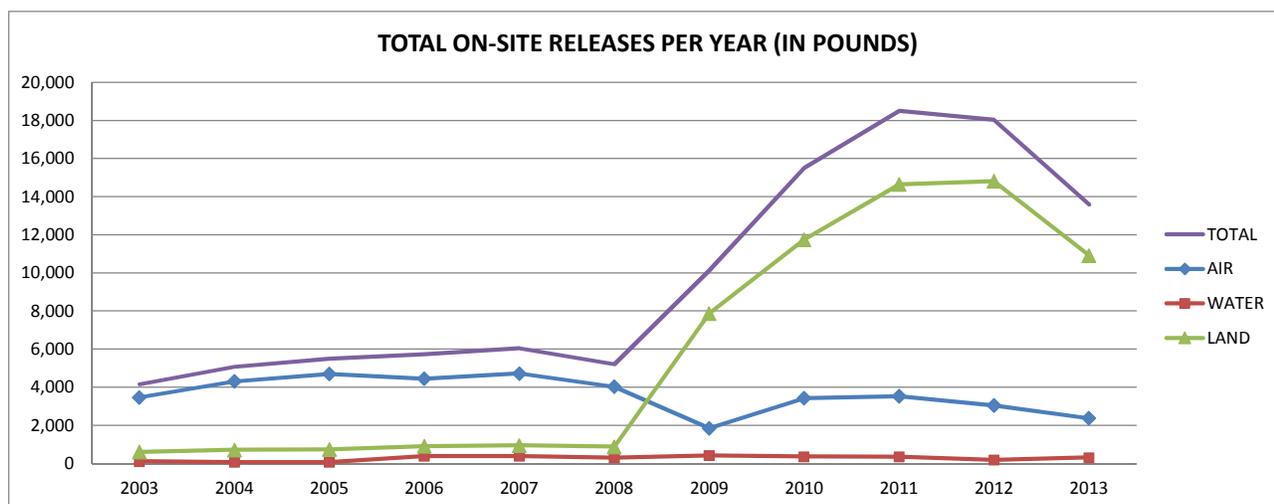
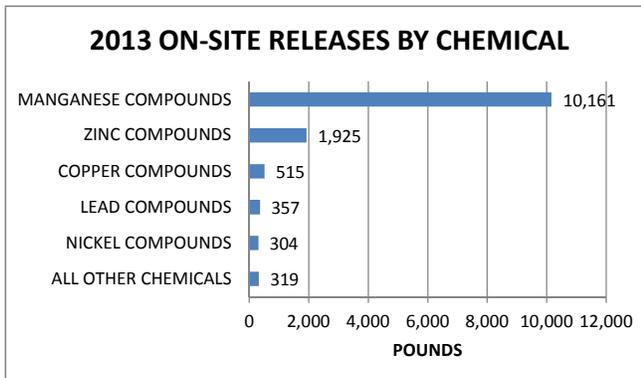
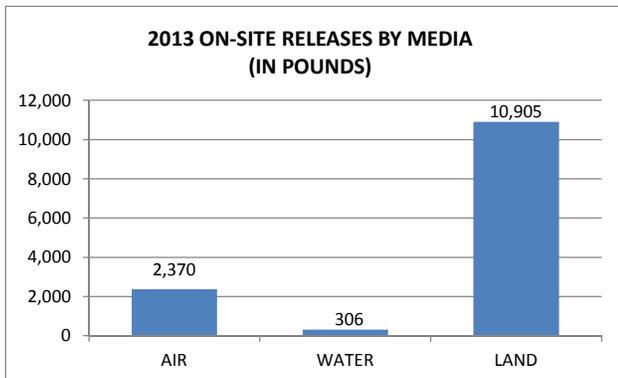
The plant ceased operations at the end of 2013.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHROMIUM COMPOUNDS	76	3	147	226	20,170	0	NO	NO
COPPER COMPOUNDS	93	53	369	515	24,038	0	NO	NO
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	0	0	NO	NO
LEAD COMPOUNDS	250	54	53	357	112,603	0	NO	NO
MANGANESE COMPOUNDS	293	15	9,853	10,161	192,775	0	NO	NO
MERCURY COMPOUNDS	93	0	0	93	2	0	NO	NO
NICKEL COMPOUNDS	20	20	264	304	3,448	0	NO	NO
ZINC COMPOUNDS	1,545	161	219	1,925	1,489,573	0	NO	YES
TOTAL	2,370	306	10,905	13,581	1,842,609	0		

EVRAZ CLAYMONT STEEL, CONT.

GRAPHICAL INFORMATION:

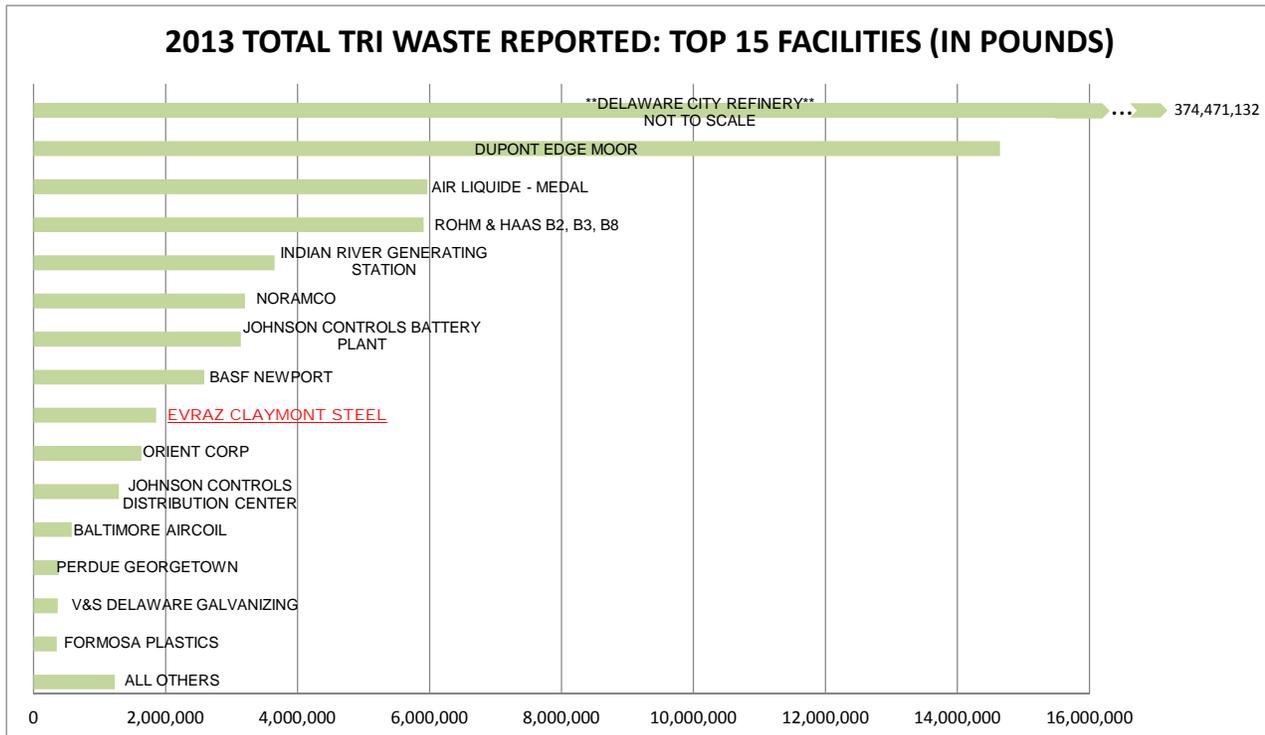
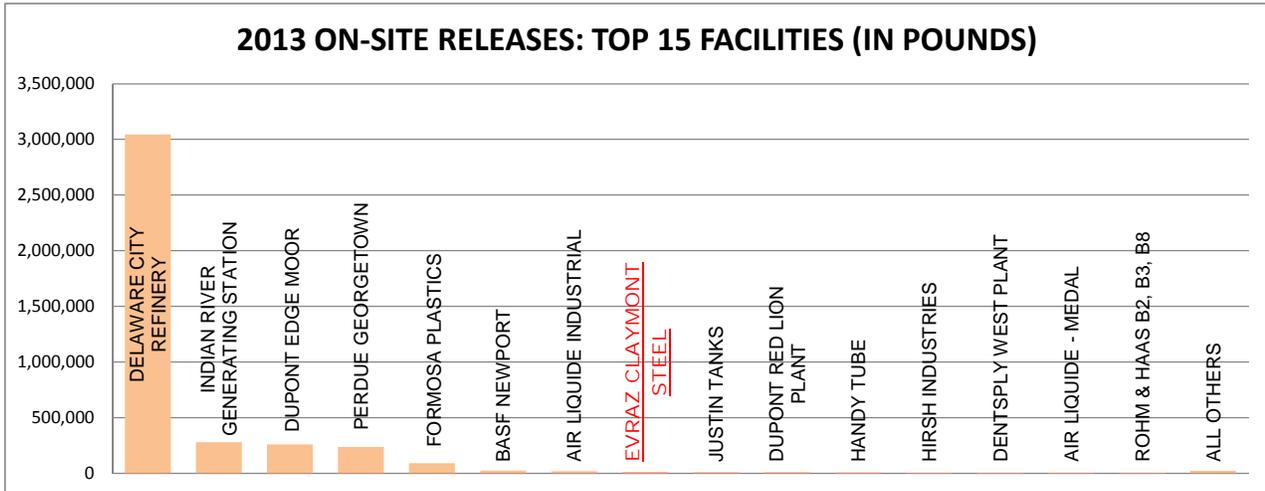




TRI FACILITY PROFILES

EVRAZ CLAYMONT STEEL, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Evraz Claymont Steel ranks 21 for on-site releases of manganese compounds by primary metals facilities (NAICS code 331) (out of 243 facilities).

Evraz Claymont Steel ranks 85th in the nation for off-site transfers of zinc compounds (out of 2,987 facilities).



TRI FACILITY PROFILES

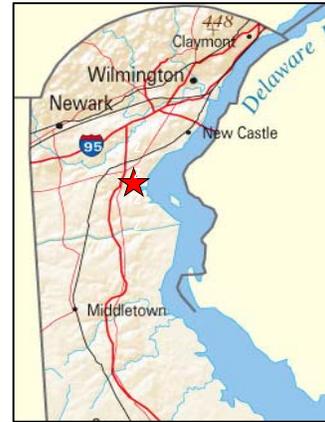
FORMOSA PLASTICS

LOCATION/CONTACT:

Address: 780 Schoolhouse Road
Delaware City, DE 19706

Phone: (302)-836-2256

Contact: Kimberly Bennett



FACILITY OVERVIEW:

Formosa Plastics, located in the Delaware City complex, produces polyvinyl chloride (PVC) resin for bulk sale to other industries that produce PVC based products, such as containers, flooring, carpet backing, upholstery, toys, and gloves.

The facility has reported since 1987. Formosa reported on four TRI chemicals for 2013; vinyl acetate monomer, vinyl chloride monomer, ammonia, and dioxins and dioxin-like compounds. Vinyl acetate monomer (VAM) is a raw material used in certain products and is released through the drying process. Vinyl chloride monomer (VCM) is the primary ingredient for producing PVC and is released as residual unreacted monomer during the drying process of the PVC resin. Permits regulate the concentration of the residual monomer in the PVC before drying. Ammonia is also used in several of Formosa's products and is released during the PVC drying process. Trace amounts of dioxins and dioxin-like compounds were detected in the plant emissions (0.000011 pounds) and waste and recycled solids (0.000143 pounds), possibly the result of on-site incineration of waste gases. Scrubber water from the incinerator is processed by the wastewater treatment system.

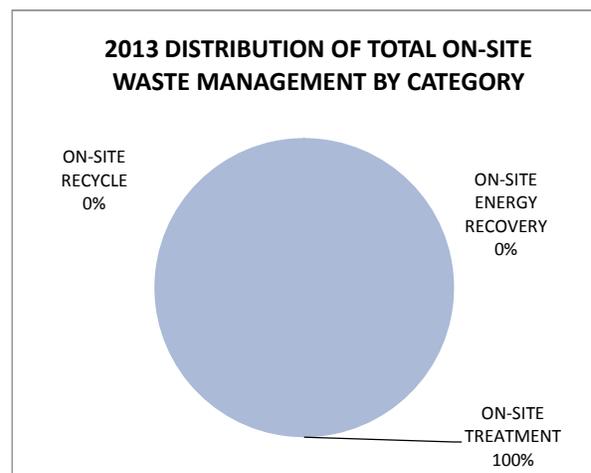
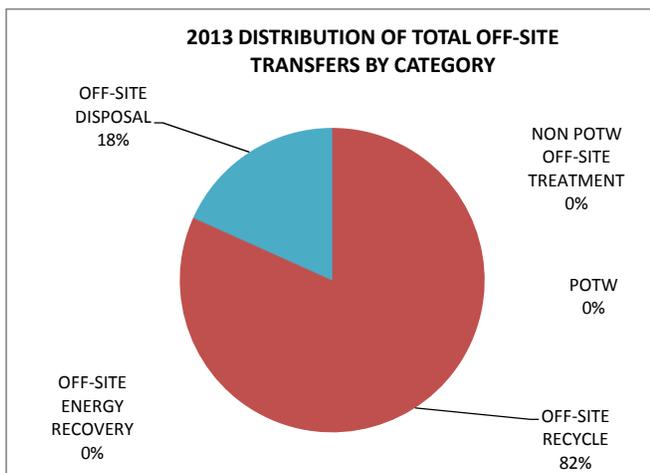
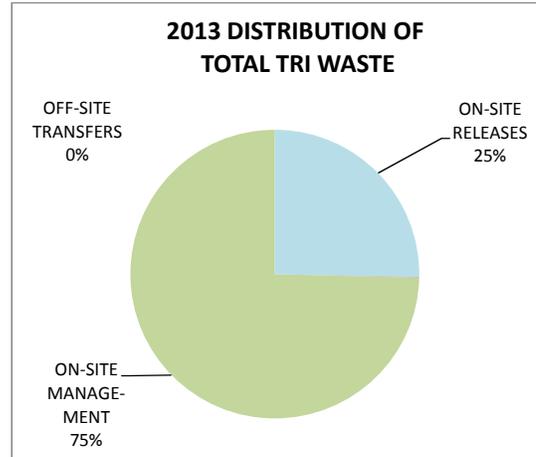
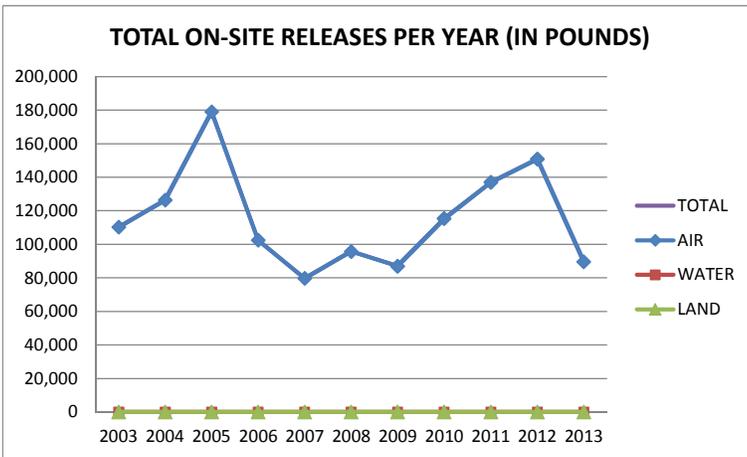
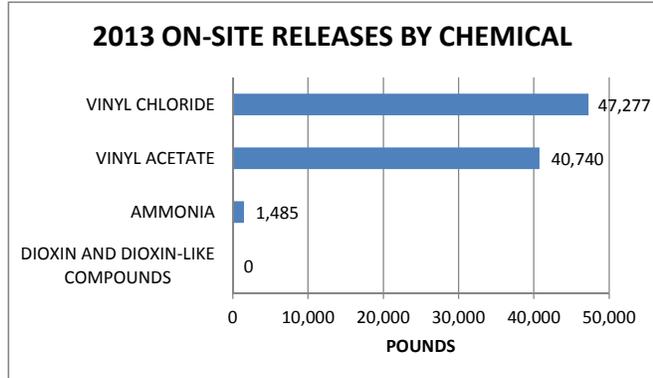
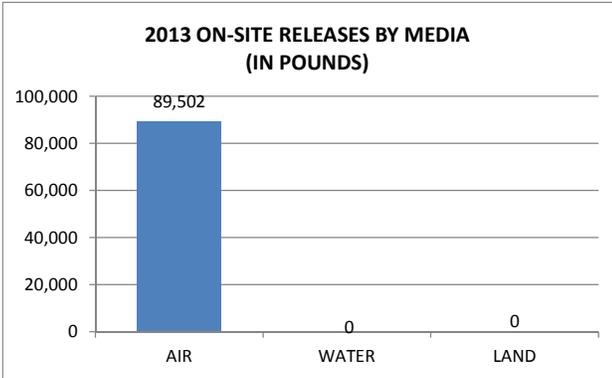
For 2013, total on-site releases were down by 41%, compared to 2012 (see *Total On-site Releases Per Year Graph* on the next page). These reductions were primarily the result of a decrease in production, as well as adjustments that were made in the calculations for vinyl acetate.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	1,485	0	0	1,485	0	0	NO	NO
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	0	0	YES	NO
VINYL ACETATE	40,740	0	0	40,740	0	0	NO	YES
VINYL CHLORIDE	47,277	0	0	47,277	147	263,480	NO	YES
TOTAL	89,502	0	0	89,502	147	263,480		

FORMOSA PLASTICS, CONT.

GRAPHICAL INFORMATION:

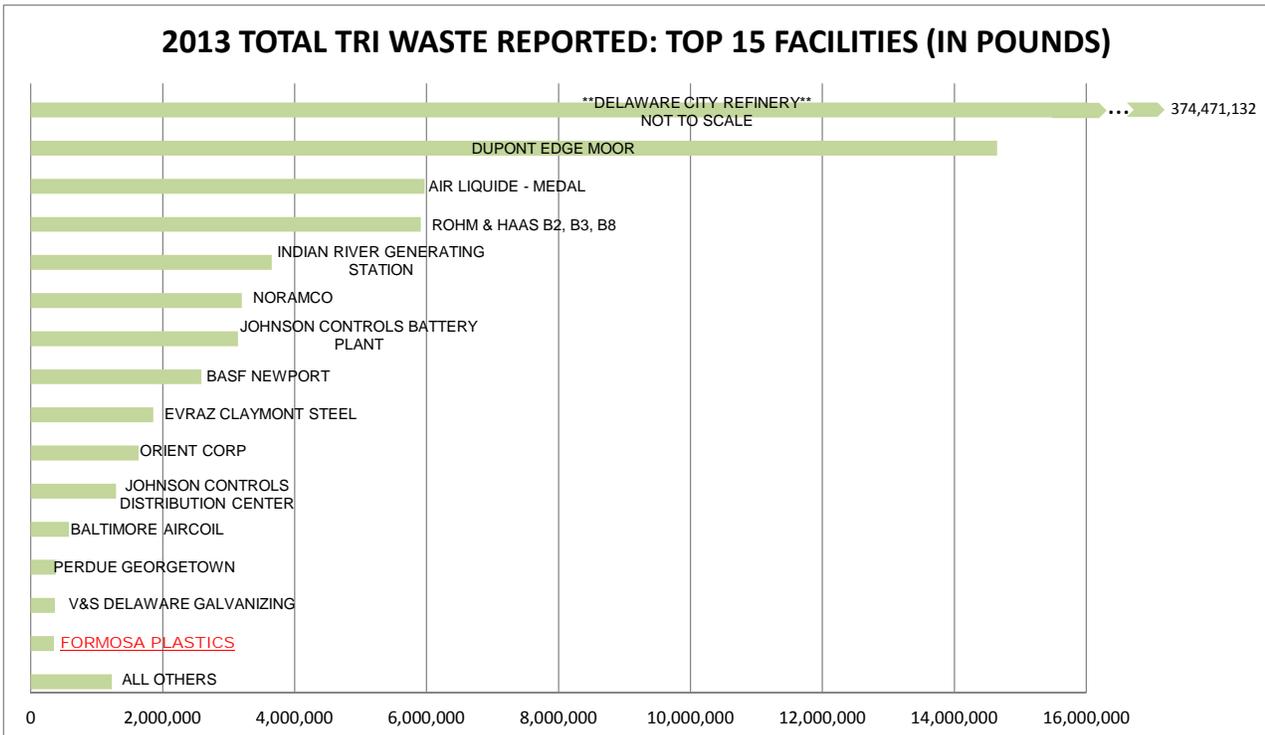
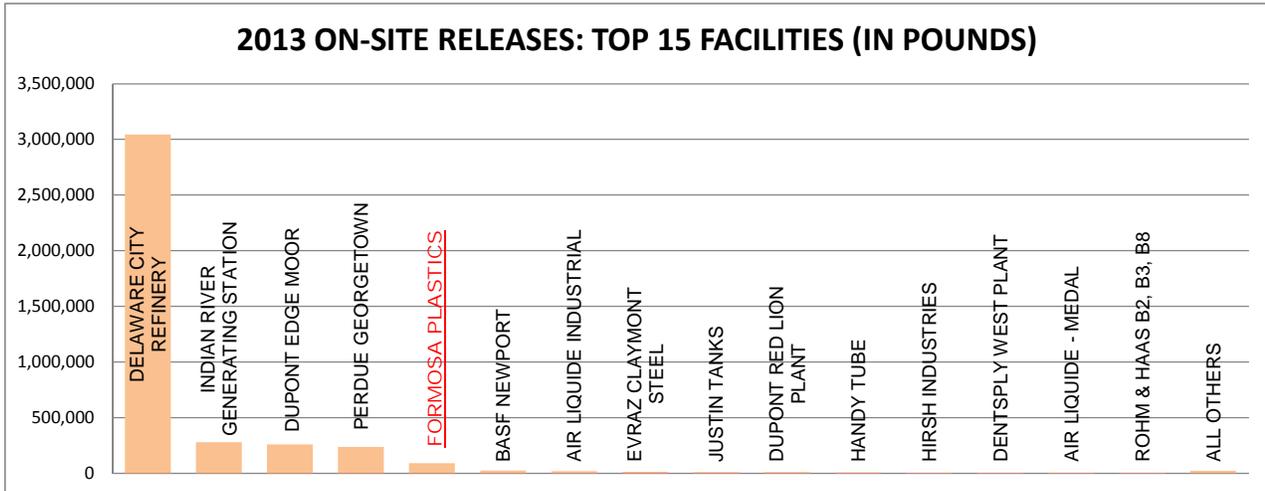




TRI FACILITY PROFILES

FORMOSA PLASTICS, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Formosa Plastics ranks 3 in the nation for on-site releases of vinyl chloride (out of 41 facilities).

Formosa Plastics ranks 11 in the nation for on-site releases of vinyl acetate (out of 153 facilities).

Formosa Plastics ranks 14 in the nation for on-site treatment of vinyl chloride (out of 41 facilities).

FUJI FILMS

LOCATION/CONTACT:

Address: 233 Cherry Lane
New Castle, DE 19720

Phone: (302) 472-1257

Contact: Maureen Concordia



FACILITY OVERVIEW:

Fuji Film Imaging Colorants, Inc. produces both purified dye or inks, as well as several raw material intermediates used in the manufacture of dyes and inks. The processes are essentially a series of physical chemical steps involving no complex chemical reactions (i.e. exothermic) requiring significant process safety precautions.

The facility has reported since 1993, previously as Avecia. Fuji Film reported on one chemical in 2013, nitrate compounds on short Form A. The nitrate compounds are added into a vessel with other chemicals to make aqueous ink formulations. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
NITRATE COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

GAC SEAFORD

LOCATION/CONTACT:

Address: 25938 Nanticoke Street
Seaford, DE 19973

Phone: (813) 248-2101

Contact: Michael Thrasher



FACILITY OVERVIEW:

GAC Seaford manufactures asphalt based roof and driveway coatings and repair products. The products are manufactured in a batch process then filled into retail sized containers. The products are palletized and shipped to retail chains across the northeast.

The facility has reported since 1988. GAC Seaford reported one chemical in 2013, trimethylbenzene, on short form A. Trimethylbenzene is listed as a minor/trace component of Mineral Spirits on some supplier material safety data sheets. Mineral Spirits is used to thin asphalt to make it flowable at ambient temperatures so it can be used as a cold process coating, sealant, or adhesive in finished products. Mineral spirits is not a generated waste at the site. Any unused mineral spirits from a previous batch is reworked into the next process batch. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
1,2,4-TRIMETHYLBENZENE*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

HANDY TUBE

LOCATION/CONTACT:

Address: 124 Veeco Boulevard
Camden, DE 19934

Phone: (302)-697-9521

Contact: John Coates



FACILITY OVERVIEW:

Handy Tube Corporation specializes in the production of seamless stainless steel coiled and straight length tubing. These tubes are produced for numerous Applications in the Petrochemical, Oil and Gas, Subsea and Downhole, Geothermal, Chromatography, Flow Measurement and Sensing, Medical, Ship Building, Military, Aerospace, Semiconductor and Instrumentation industries. HandyTube produces continuous seamless coils which can be in excess of 6,000 feet. The tubing ranges in size from .020 to 3/4 inch outer diameter.

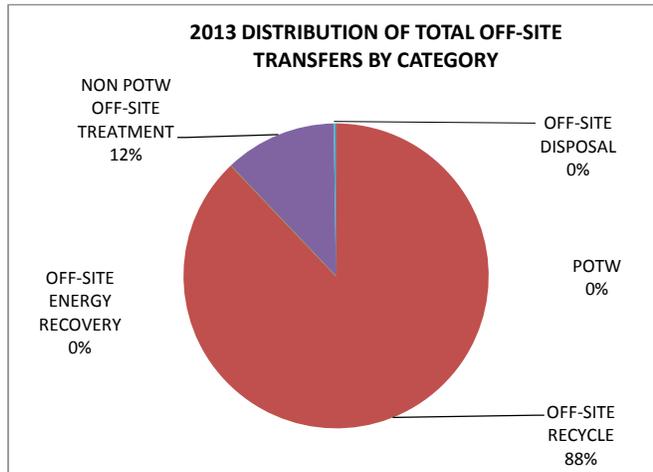
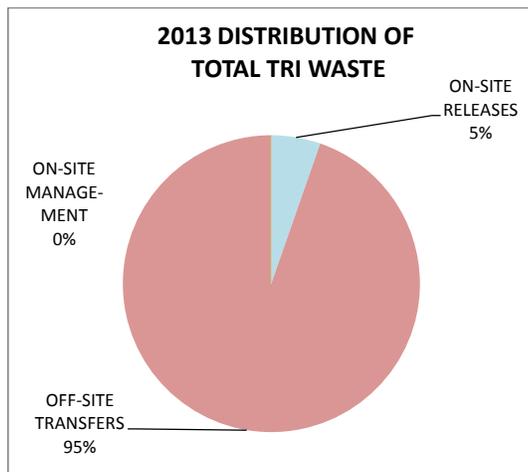
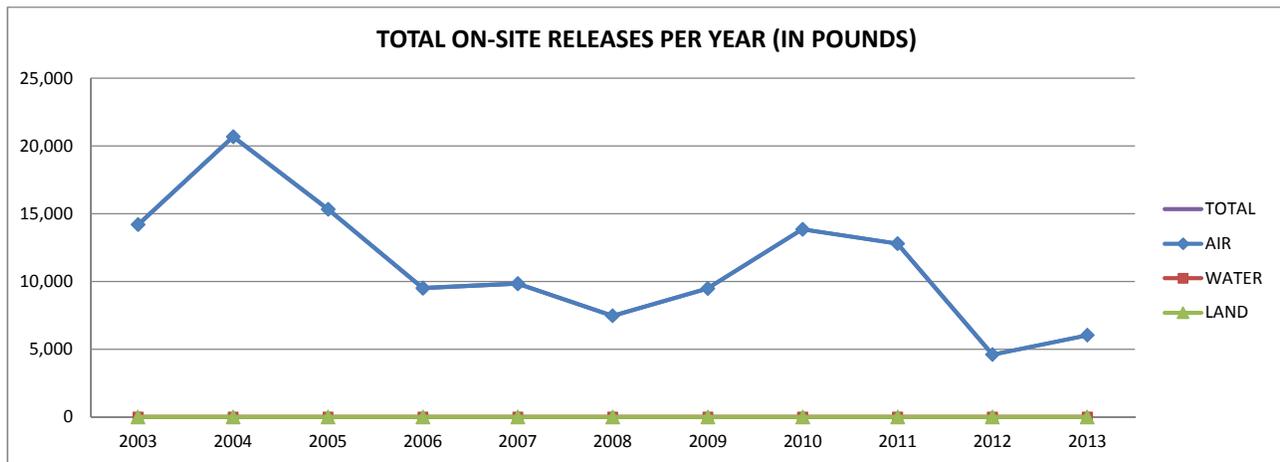
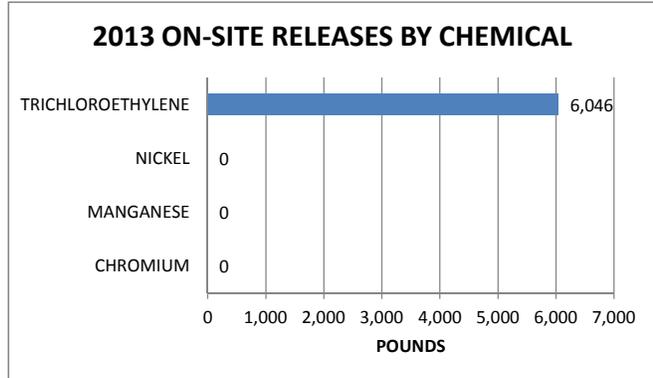
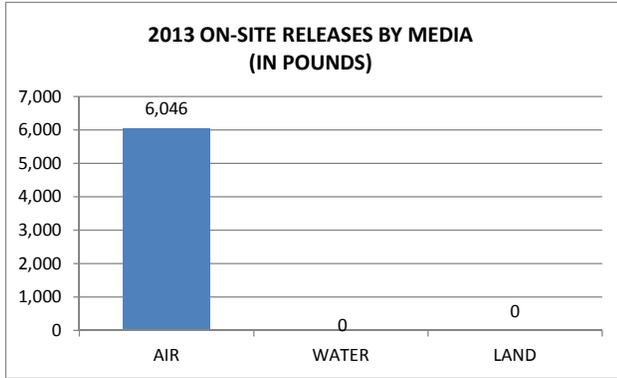
The facility has reported since 1987, previously as Camdel Metals. Trichloroethylene (TCE) is the primary TRI chemical reported by Handy Tube and makes up 100% of the on-site release amount. It is used as a solvent to clean the tubing. After 1994, Handy Tube switched to a closed vacuum system for the TCE, which significantly reduced releases to air (92,000 pounds of TCE were released to air in 1994). Handy Tube has continued to make improvements to the closed vacuum system that has further reduced TCE releases to air. Of the scrap metal generated at the facility, 99% is sent off-site for recycle.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHROMIUM	0	0	0	0	45,133	0	NO	NO
MANGANESE	0	0	0	0	4,767	0	NO	NO
NICKEL	0	0	0	0	44,727	0	NO	NO
TRICHLOROETHYLENE	6,046	0	0	6,046	12,766	0	NO	NO
TOTAL	6,046	0	0	6,046	107,393	0		

HANDY TUBE, CONT.

GRAPHICAL INFORMATION:

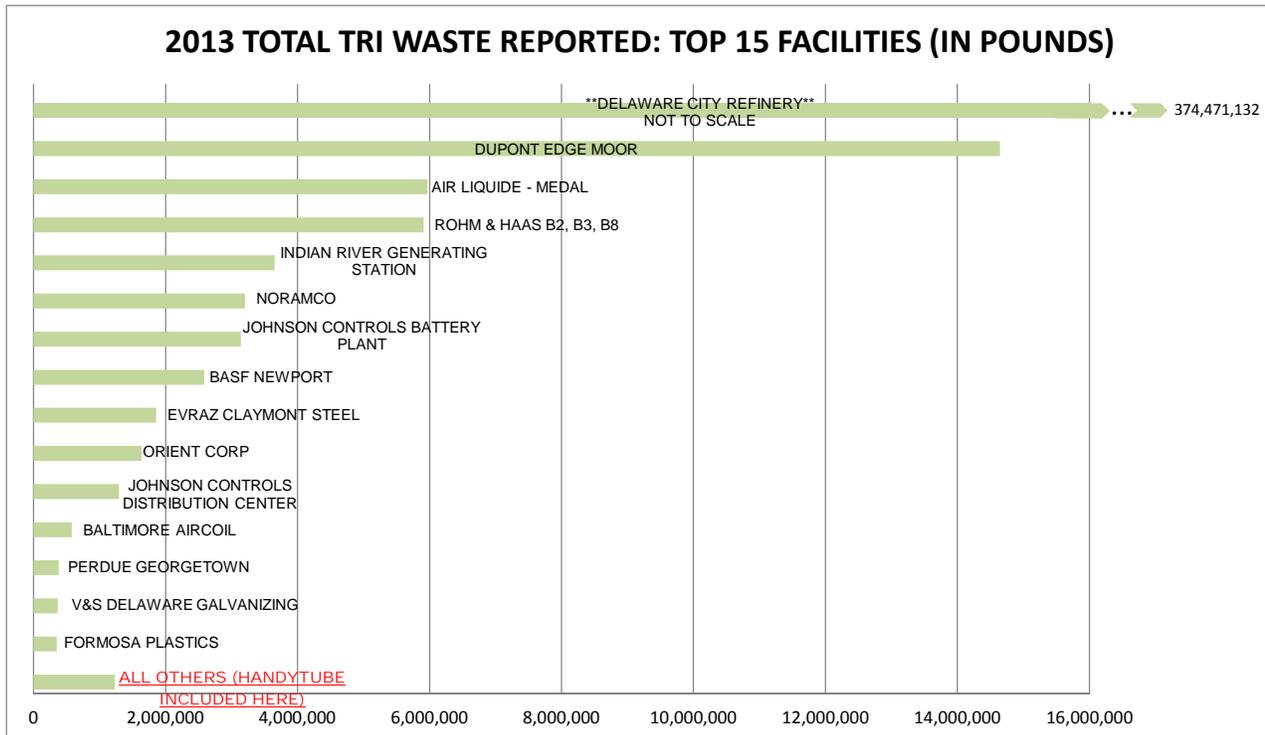
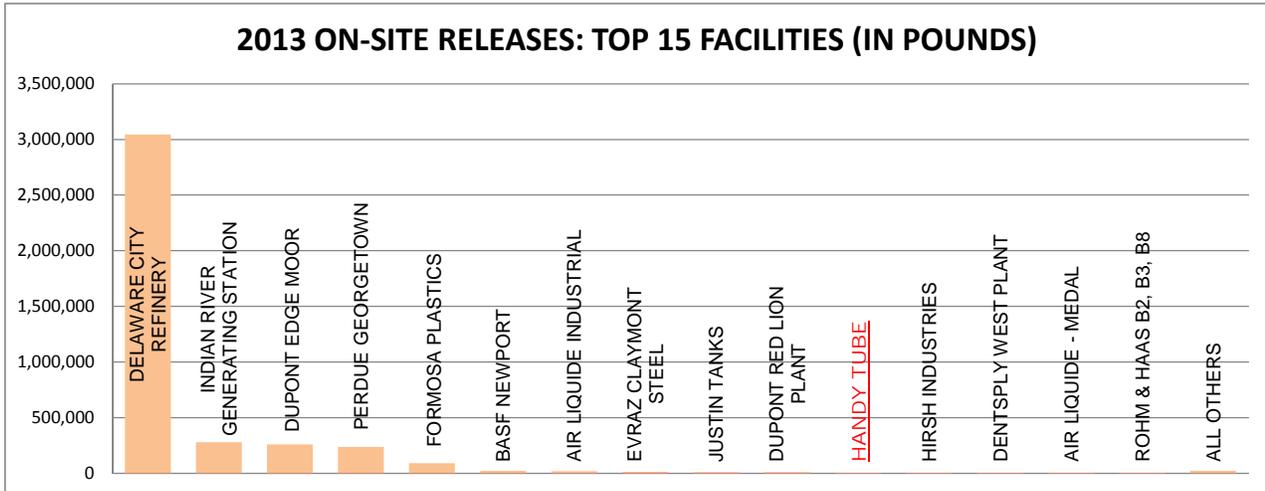




TRI FACILITY PROFILES

HANDY TUBE, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Handytube ranks 74th in the nation for on-site releases of trichloroethylene (out of 202 facilities).

HANESBRANDS

LOCATION/CONTACT:

Address: 631 Ridgley Street
Dover, DE 19904

Phone: (336)-519-2715

Contact: Tommy Thompson



FACILITY OVERVIEW:

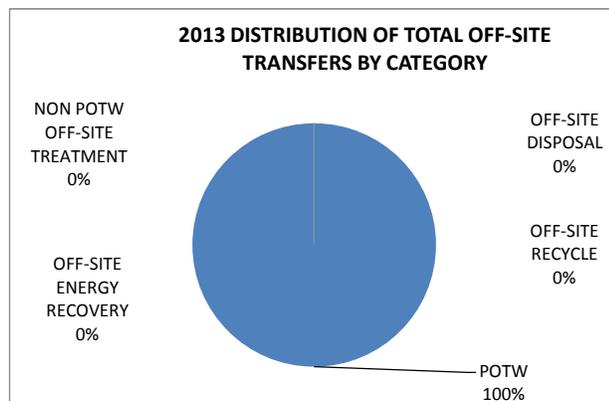
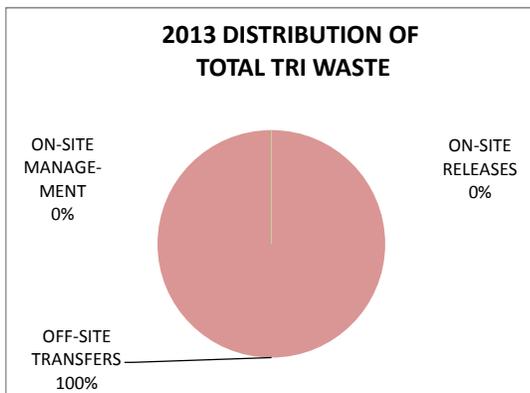
Hanesbrands makes the 18-Hour material for the Playtex 18-Hour Bras. By compounding the latex with different chemicals, a rubber latex is produced. This latex is placed on an engraved roll which then goes through a process which coats the rubber latex with adhesive and nylon fabric is adhered to both sides to create the 18-Hour material.

Hanesbrands has reported since 2003, formerly as Sara Lee Apparel and Playtex Apparel. The facility reported on 1 chemical in 2013, nitrate compounds. Nitrate Compounds are a by-product of compounding the latex and are transferred off-site for treatment.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
NITRATE COMPOUNDS	0	0	0	0	44,740	0	NO	NO
TOTAL	0	0	0	0	44,740	0		

GRAPHICAL INFORMATION:

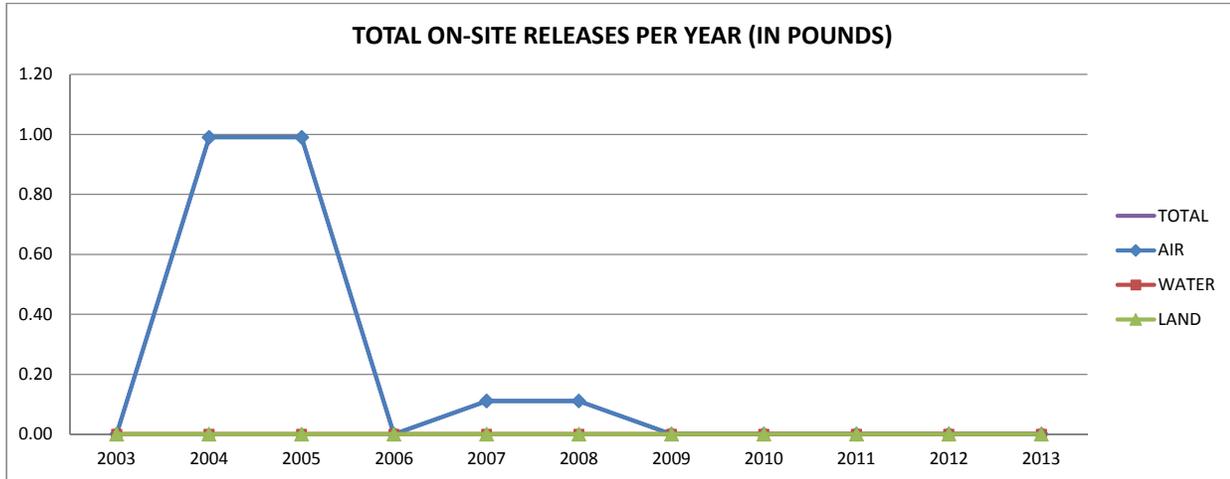


TRI FACILITY PROFILES

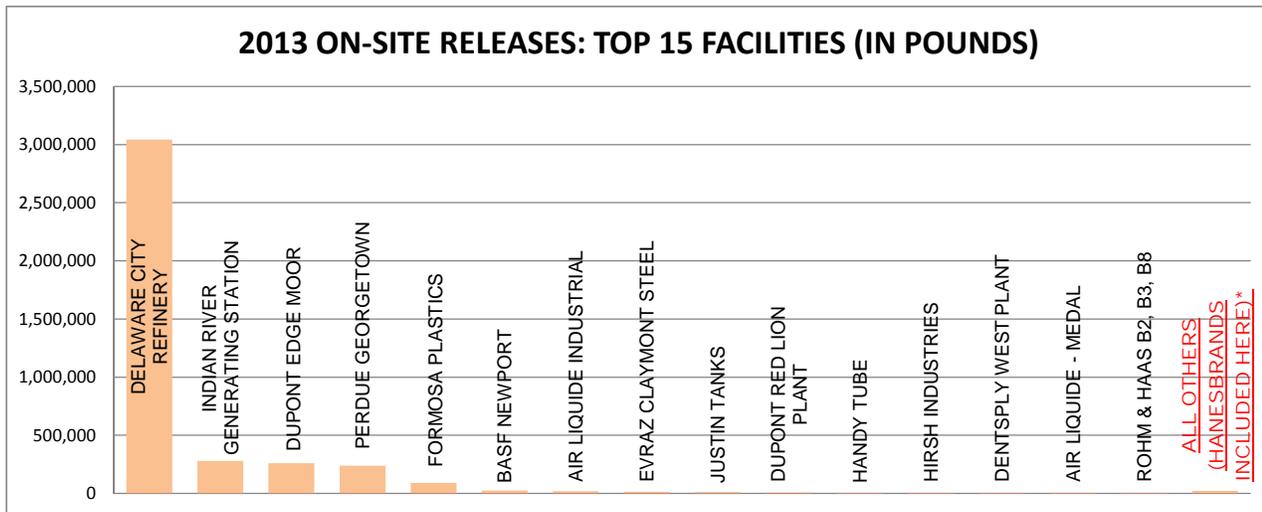


HANESBRANDS, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



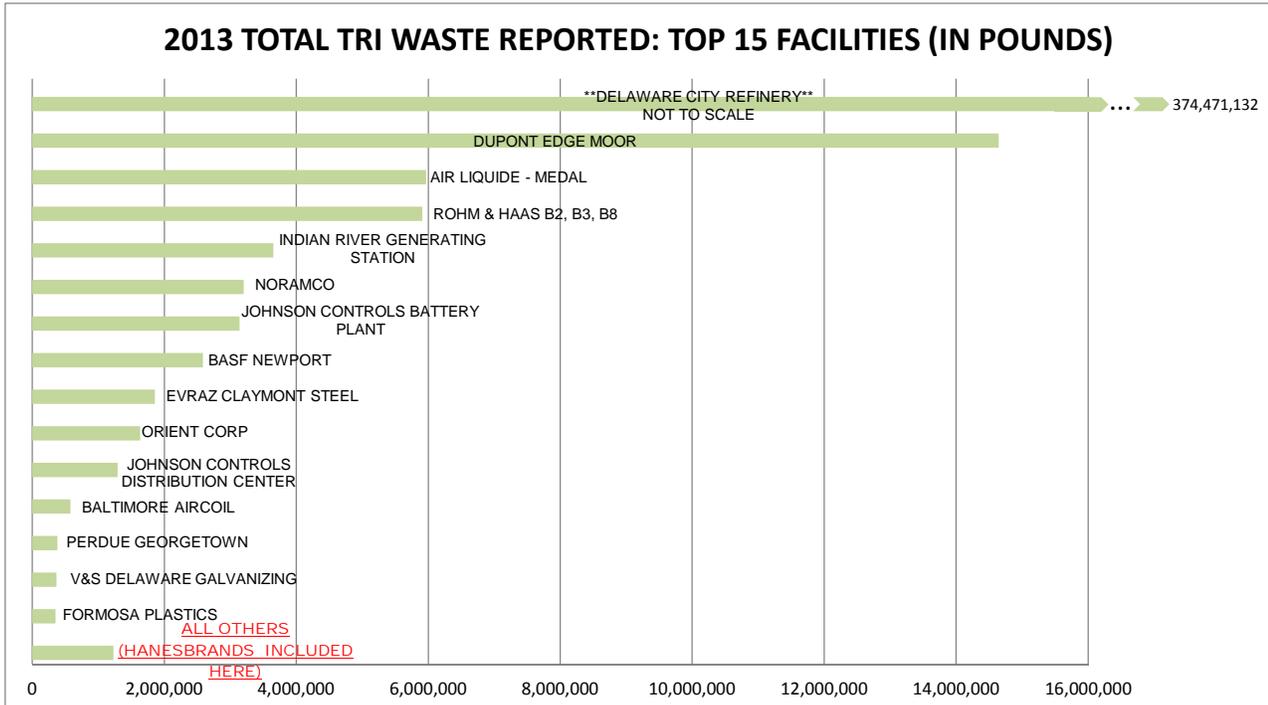
*Hanesbrands ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site. Comparisons only include facilities reporting on Form R.



TRI FACILITY PROFILES

HANESBRANDS, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

Hanesbrands ranks 3rd in the off-site transfer of nitrate compounds for textile facilities (NAICS 313/314) (out of 9 facilities).

HERITAGE CONCRETE-BEAR

LOCATION/CONTACT:

Address: 1250 Porter Road
Bear, DE 19701

Phone: (717)-236-7023

Contact: John Rice



FACILITY OVERVIEW:

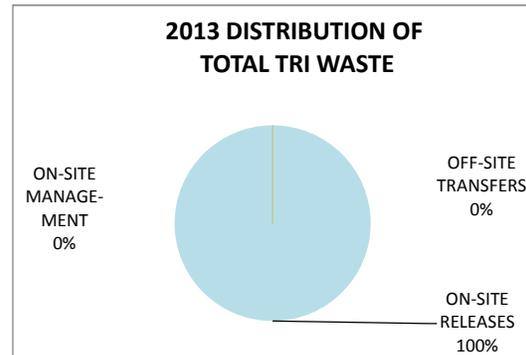
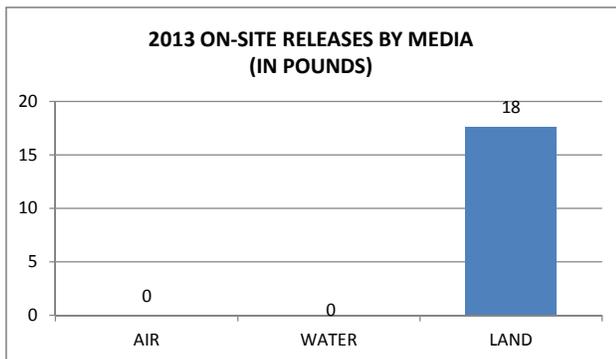
Heritage Concrete reported under the North American Industrial Classification System (NAICS) as 327320, which covers ready-mix concrete manufacturing.

Heritage Concrete has four facilities in Delaware that report to TRI located in Bear, Cheswold, Frankford, and Wilmington. This is the first year the company has reported to TRI. These facilities each reported on one chemical in 2013, lead, with on-site releases to air and land. Lead is reported as being processed as an impurity.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	0	0	18	18	0	0	YES	YES
TOTAL	0	0	18	18	0	0		

GRAPHICAL INFORMATION:



TRI FACILITY PROFILES



HERITAGE CONCRETE-BEAR, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Heritage Concrete-Bear ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Heritage Concrete-Bear ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Heritage Concrete-Bear ranks 57th in on-site releases of lead for stone/clay/glass facilities (NAICS 327) (out of 767 facilities).

HERITAGE CONCRETE-CHESWOLD

LOCATION/CONTACT:

Address: 376 Holly Oak Lane
Cheswold, DE 19936

Phone: (717)-236-7023

Contact: John Rice



FACILITY OVERVIEW:

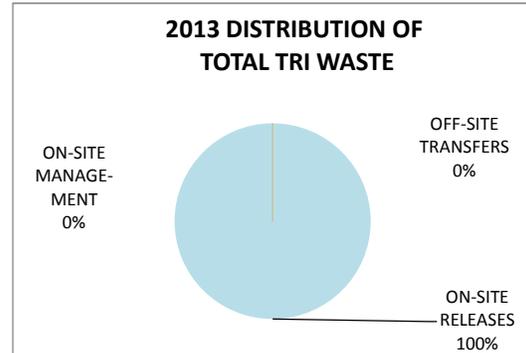
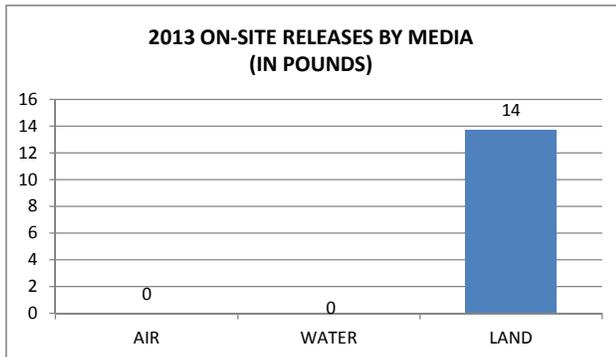
Heritage Concrete reported under the North American Industrial Classification System (NAICS) as 327320, which covers ready-mix concrete manufacturing.

Heritage Concrete has four facilities in Delaware that report to TRI located in Bear, Cheswold, Frankford, and Wilmington. This is the first year the company has reported to TRI. These facilities each reported on one chemical in 2013, lead, with on-site releases to air and land. Lead is reported as being processed as an impurity.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	0	0	14	14	0	0	YES	YES
TOTAL	0	0	14	14	0	0		

GRAPHICAL INFORMATION:



TRI FACILITY PROFILES



HERITAGE CONCRETE-CHESWOLD, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Heritage Concrete-Cheswold ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Heritage Concrete Cheswold ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Heritage Concrete-Cheswold ranks 61st in on-site releases of lead for stone/clay/glass facilities (NAICS 327) (out of 767 facilities).

HERITAGE CONCRETE-FRANKFORD

LOCATION/CONTACT:

Address: 29610 Lazy Lagoon Road
Frankford, DE 19945

Phone: (717)-236-7023

Contact: John Rice



FACILITY OVERVIEW:

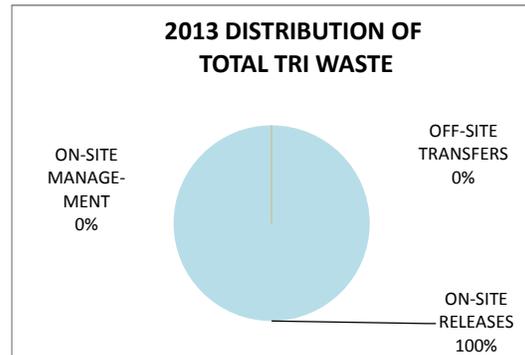
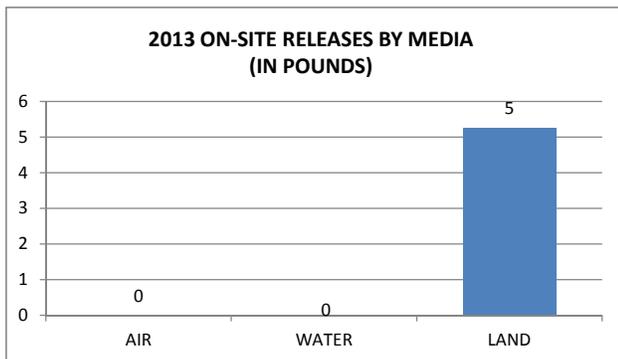
Heritage Concrete reported under the North American Industrial Classification System (NAICS) as 327320, which covers ready-mix concrete manufacturing.

Heritage Concrete has four facilities in Delaware that report to TRI located in Bear, Cheswold, Frankford, and Wilmington. This is the first year the company has reported to TRI. These facilities each reported on one chemical in 2013, lead, with on-site releases to air and land. Lead is reported as being processed as an impurity.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	0	0	5	5	0	0	YES	YES
TOTAL	0	0	5	5	0	0		

GRAPHICAL INFORMATION:



TRI FACILITY PROFILES



HERITAGE CONCRETE-FRANKFORD,

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Heritage Concrete-Frankford ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Heritage Concrete-Frankford ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Heritage Concrete-Bear ranks 79th in on-site releases of lead for stone/clay/glass facilities (NAICS 327) (out of 767 facilities).

HERITAGE CONCRETE-WILMINGTON

LOCATION/CONTACT:

Address: 1100 Heald Street
Wilmington, DE 19801

Phone: (717)-236-7023

Contact: John Rice



FACILITY OVERVIEW:

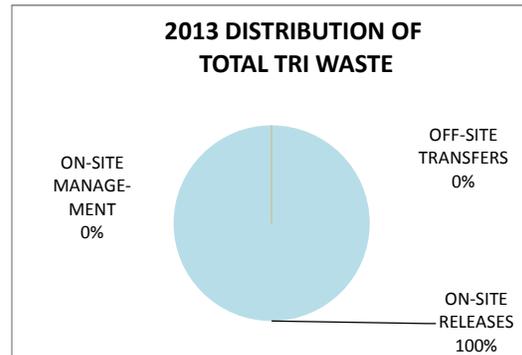
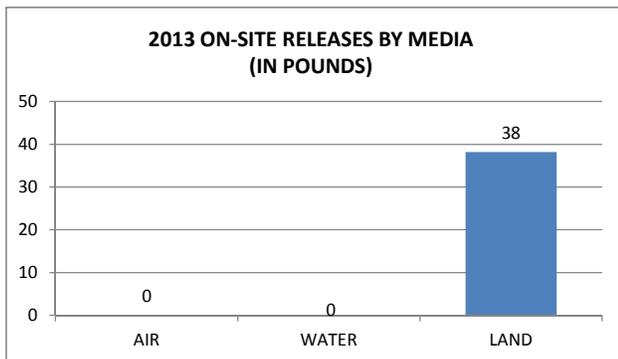
Heritage Concrete reported under the North American Industrial Classification System (NAICS) as 327320, which covers ready-mix concrete manufacturing.

Heritage Concrete has four facilities in Delaware that report to TRI located in Bear, Cheswold, Frankford, and Wilmington. This is the first year the company has reported to TRI. These facilities each reported on one chemical in 2013, lead, with on-site releases to air and land. Lead is reported as being processed as an impurity.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	0	0	38	38	0	0	YES	YES
TOTAL	0	0	38	38	0	0		

GRAPHICAL INFORMATION:



TRI FACILITY PROFILES



HERITAGE CONCRETE-WILMINGTON, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Heritage Concrete-Wilmington ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Heritage Concrete-Wilmington ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Heritage Concrete-Bear ranks 43rd in on-site releases of lead for stone/clay/glass facilities (NAICS 327) (out of 767 facilities).

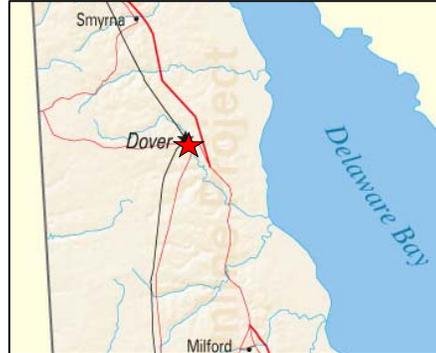
HIRSH INDUSTRIES

LOCATION/CONTACT:

Address: 1525 McKee Road
Dover, DE 19904

Phone: (302)-678-3454

Contact: Ken Murr



FACILITY OVERVIEW:

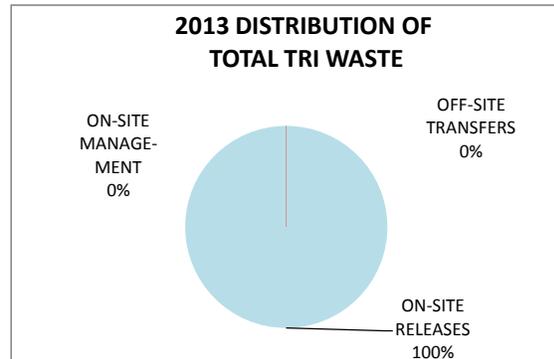
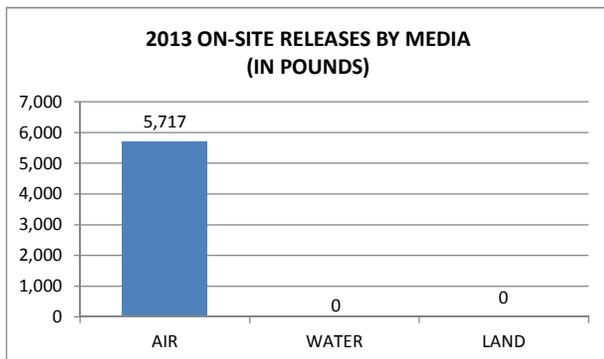
Hirsh Industries produces a line of consumer durables. These products include file cabinets, shelving units, and lateral filing systems. These items are used in home and office applications.

Hirsh industries has reported since 1989, previously as Steel Works and General Metal Craft. The facility reported one TRI chemical in 2013, certain glycol ethers, with on-site releases made only to air. The chemical is used as a component in the water based coatings for their painting process. On-site releases for 2013 increased by 31% compared to 2012, as a result of higher coatings use, due to increased production demands for Lateral Filing Cabinets. Releases, however, in general have trended downward since 2009, the result of utilizing improved paint products from their vendors.

2013 TRI DATA (REPORTED IN POUNDS):

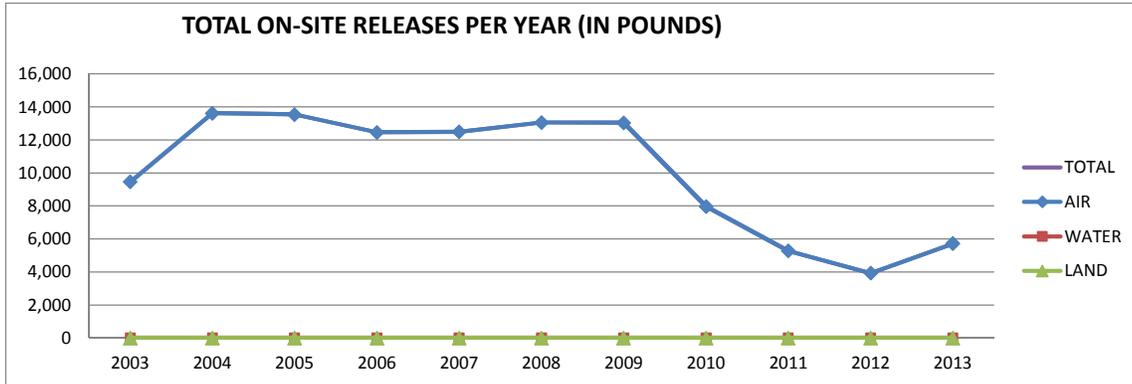
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CERTAIN GLYCOL ETHERS	5,717	0	0	5,717	0	0	NO	NO
TOTAL	5,717	0	0	5,717	0	0		

GRAPHICAL INFORMATION:

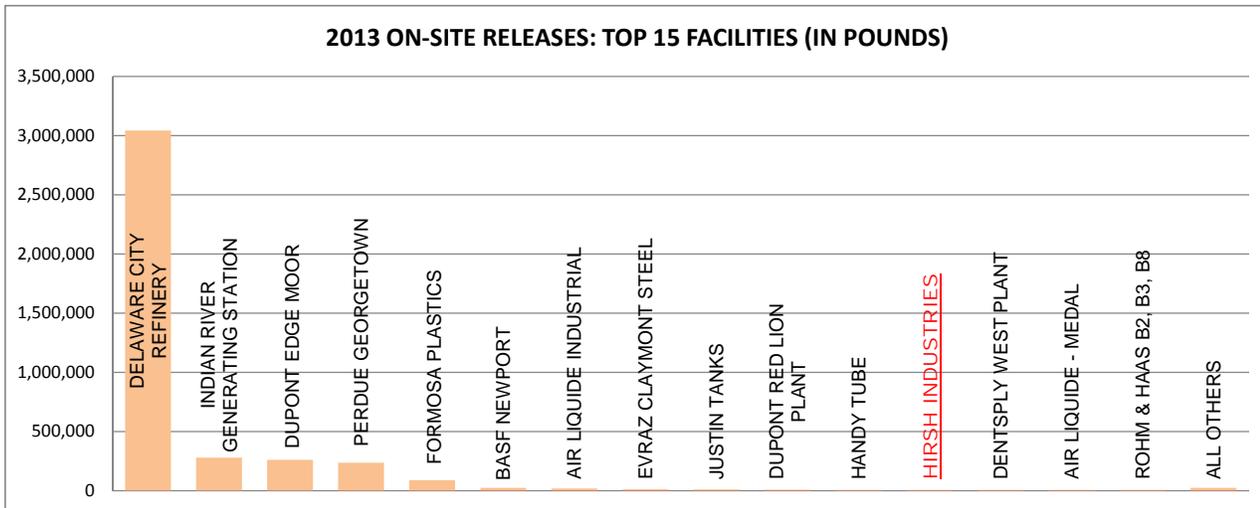


HIRSH INDUSTRIES, CONT.

GRAPHICAL INFORMATION:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Hirsh Industries ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Hirsh Industries ranks 6th in the on-site releases of certain glycol ethers for furniture facilities (NAICS 337) (out of 10 facilities).



TRI FACILITY PROFILES

HONEYWELL

LOCATION/CONTACT:

Address: 6100 Philadelphia Pike
Claymont, DE 19703

Phone: (302)-791-6748

Contact: Russell Davis



FACILITY OVERVIEW:

Honeywell manufactures specialty chemicals that are used in the production of hydrocarbon resins, lubricants, and adhesives.

The facility has reported since 1987, previously as Allied Signal. Honeywell reported four TRI chemicals for 2013. All on-site releases were to air. Releases of boron trifluoride, hydrogen fluoride, and polycyclic aromatic compounds (PACs) accounted for over 99% of the on-site releases, while releases of methanol accounted for less than 1%. The chemicals reported are utilized in the manufacture of fluorine based chemicals. The PAC's were from the paving of roadways within the plant.

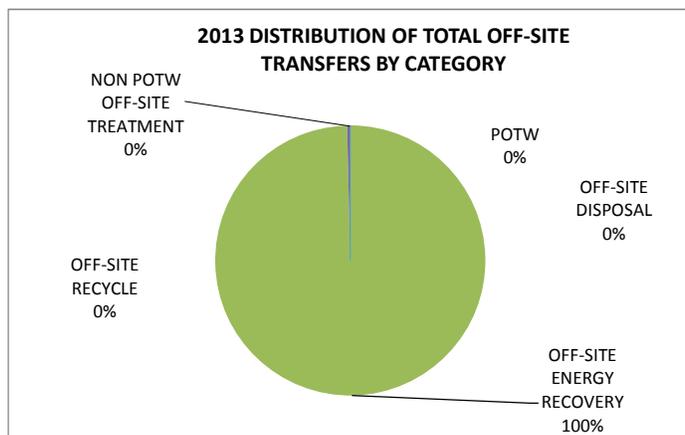
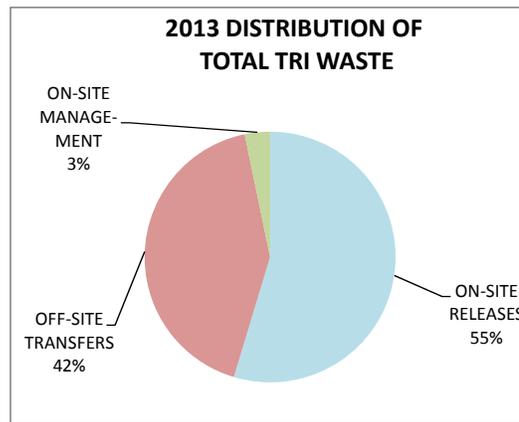
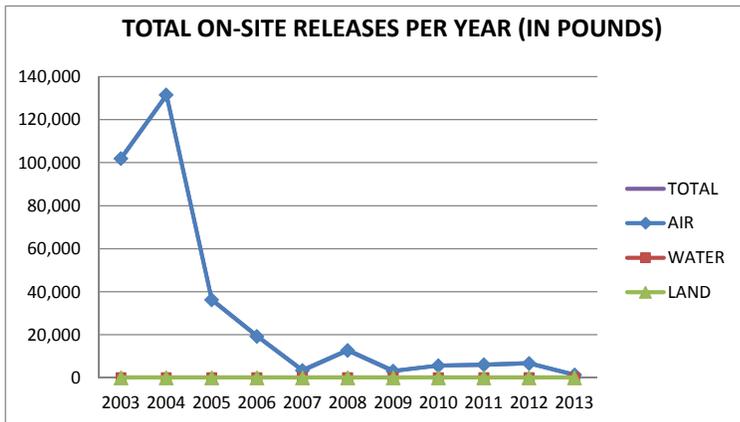
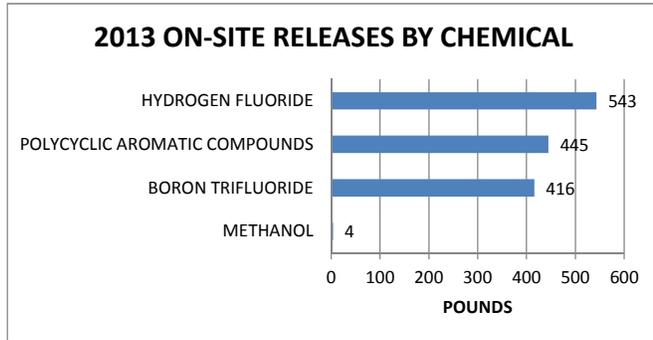
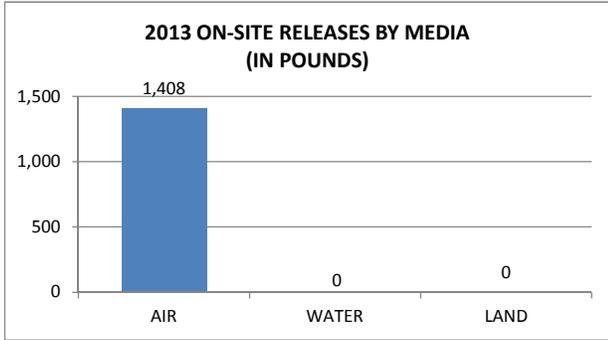
In 2013, Honeywell discontinued the use of hexane and ammonia at the facility resulting in significantly reducing on-site releases. On-site releases decreased by a total of 79% compared to 2012.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
BORON TRIFLUORIDE	416	0	0	416	4	0	NO	NO
HYDROGEN FLUORIDE	543	0	0	543	0	84	NO	NO
METHANOL	4	0	0	4	1,080	0	NO	NO
POLYCYCLIC AROMATIC COMPOUNDS	445	0	0	445	0	0	YES	YES
TOTAL	1,408	0	0	1,408	1,084	84		

HONEYWELL, CONT.

GRAPHICAL INFORMATION:

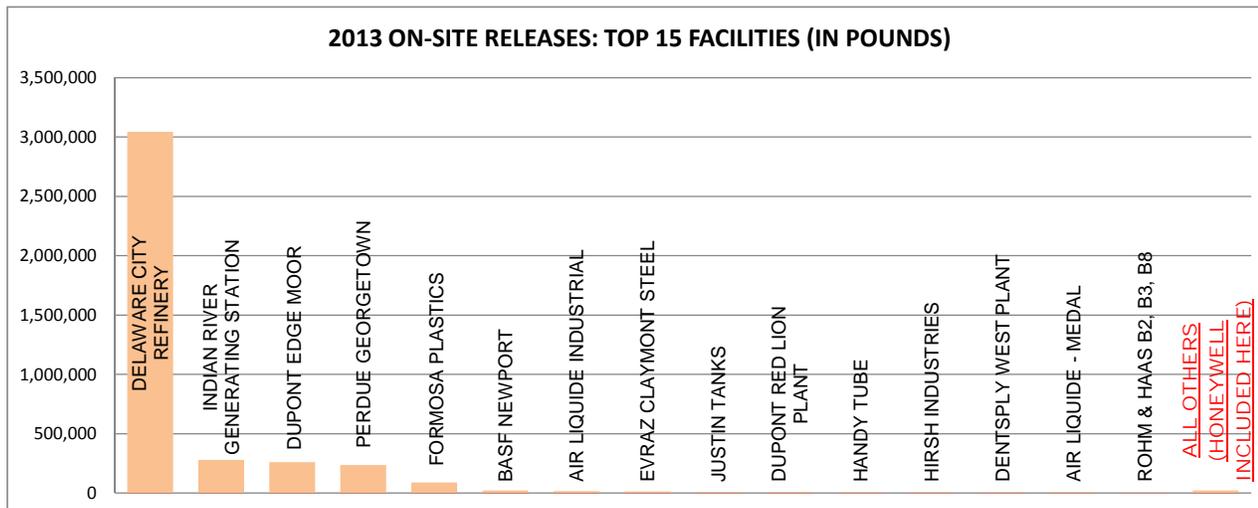




TRI FACILITY PROFILES

HONEYWELL, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Honeywell ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Honeywell ranks 3rd nationally in on-site releases of boron trifluoride (out of 21 facilities).

IKO

LOCATION/CONTACT:

Address: 120 Hay Road
Wilmington, DE 19809

Phone: (302) 764-3100

Contact: Mike Peterson



FACILITY OVERVIEW:

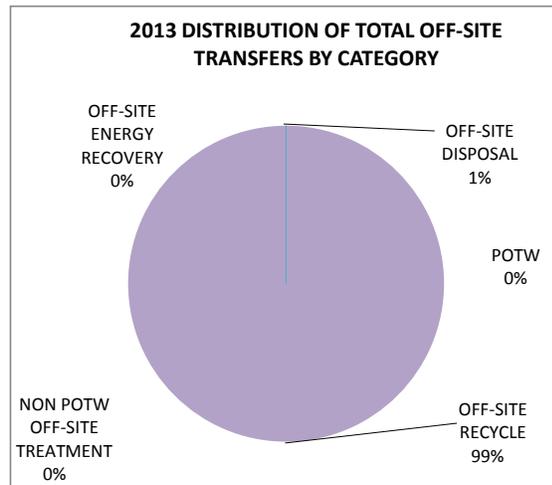
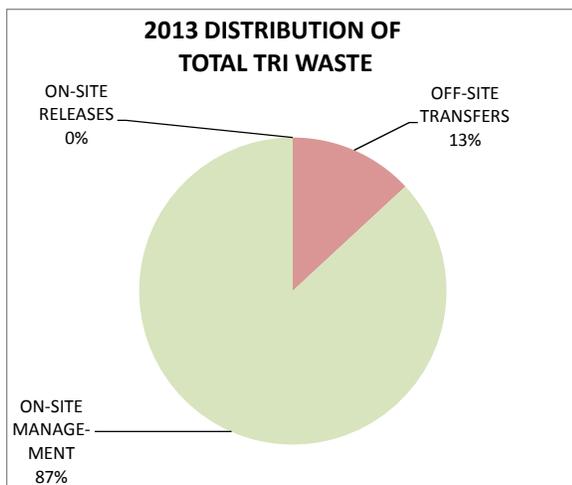
IKO Production, Inc. manufactures residential roofing products, mainly asphalt shingles, which are made from fiberglass mat coated with asphalt and finished with colored roofing granules.

IKO has reported since 2000. The facility reported on one chemical in 2013, polycyclic aromatic compounds (PACs), with all the waste being managed on and off-site. PACs are a byproduct of asphalt, which is a residual petroleum product from crude oil distillation.

2013 TRI DATA (REPORTED IN POUNDS):

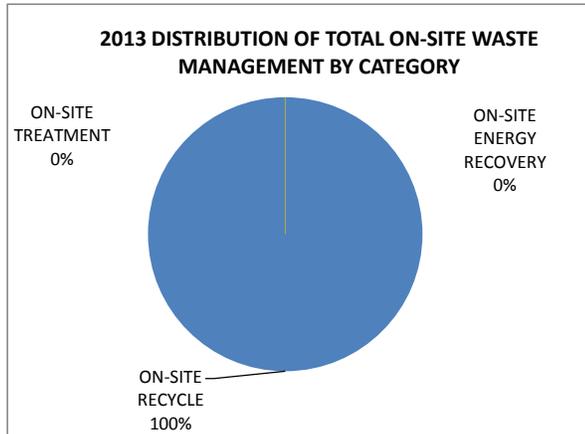
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
POLYCYCLIC AROMATIC COMPOUNDS	0	0	0	0	83	551	YES	YES
TOTAL	0	0	0	0	83	551		

GRAPHICAL INFORMATION:



IKO, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

IKO ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

IKO ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

IKO ranks 62nd in the nation for on-site recycling of polycyclic aromatic compounds (out of 1,764 facilities).

INDIAN RIVER GENERATING STATION

LOCATION/CONTACT:

Address: 29416 Power Plant Road
Dagsboro, DE 19939

Phone: (609)-524-4529

Contact: David Gaier



FACILITY OVERVIEW:

Indian River Generating Station is a 426 megawatt facility that produces electricity, primarily from the combustion of coal. The facility previously consisted of four coal burning units and one combustion turbine. As of 2011, Units #1 and #2 were retired and Unit #3 was retired at the end of 2013.

For these units, these retirements took place even after additional emission controls and operational strategies were applied. These applications include reduced sulfur content of the coal burned for SO₂ reduction, Activated Carbon Injection (ACI) for Mercury reductions, and Selective Non-Catalytic Reduction (SNCR) for NO_x reductions. On Unit 4, in addition to SNCR and ACI technology, in 2011 the facility installed a Circulating Dry Scrubber (CDS) with a Baghouse for removal of acid gases including SO₂ and HCl, metals, and particulate matter and Selective Catalytic Reduction (SCR) for NO_x reductions. These shutdowns along with the additional controls have reduced the overall on-site releases by 96% compared to 2003.

The Indian River Plant reported on eleven TRI chemicals for 2013. Five of these were metal compounds, three were acid gases, one was dioxin and dioxin like compounds and the remaining two were ammonia and naphthalene. All the compounds except ammonia are formed during the combustion process as a result of impurities within the coal and oil. Ammonia is a product of the nitrogen oxide emissions reduction process and naphthalene is in the oil consumed at the facility.

Coal analysis data, emissions data, and emissions factors are used as a basis for calculating releases. This gives a more representative total release for the year because it represents all the data for the year, not just the data collected during a single stack test.

Acid gasses including hydrochloric acid, sulfuric acid, and hydrofluoric acid accounted for 43% of the on-site releases for 2013 compared to 98% in 2011. On-site releases for acid gases in 2013 decreased by 39% compared to 2012 and 93% compared to 2011. These decreases are due to the acid gases primarily being treated on-site by the CDS control technology.

Metal compounds, formed as a result of impurities in the coal, are largely captured (99%) in the fly ash and bottom ash. The majority of coal ash is disposed of in the on-site landfill, which includes a liner system and leachate collection. For 2013, chromium, copper, and zinc were below the reporting threshold.

TRI FACILITY PROFILES

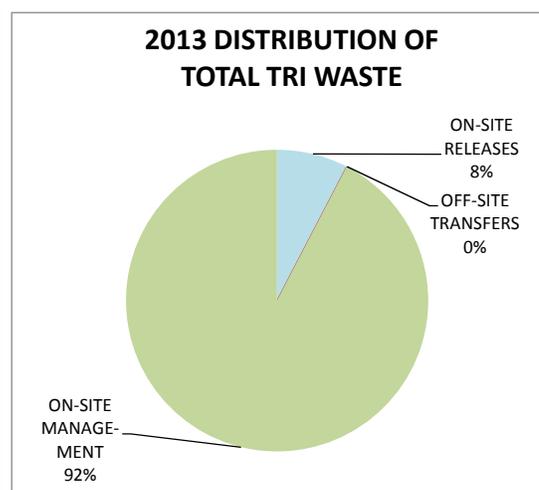
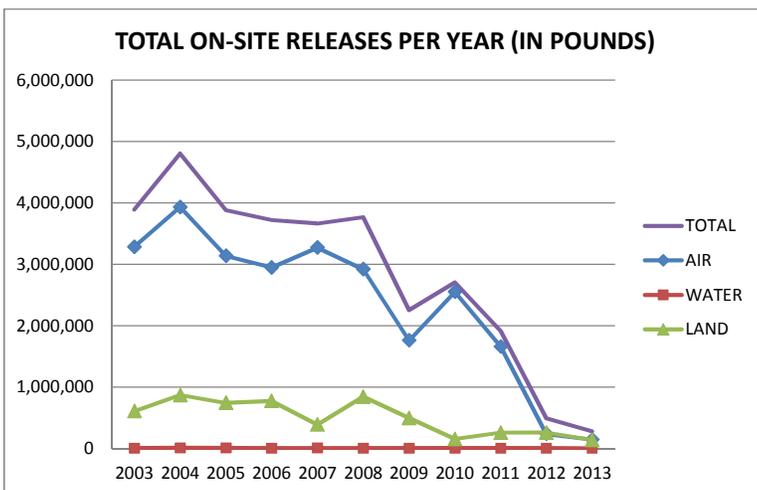
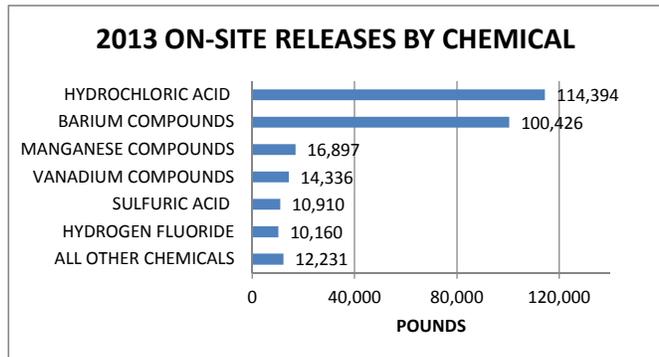
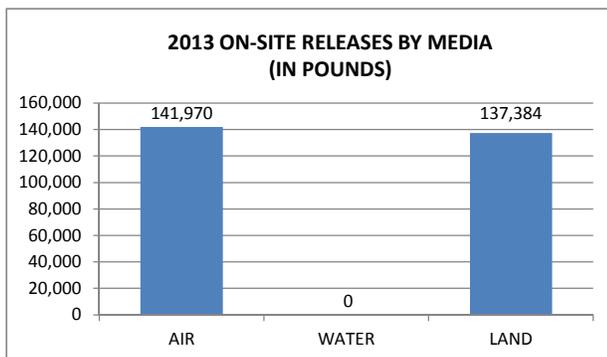


INDIAN RIVER GENERATING STATION, CONT.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	5,823	0	0	5,823	0	268,538	NO	NO
BARIUM COMPOUNDS	386	0	100,040	100,426	1	0	NO	NO
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0	0	0	0	0	0	YES	NO
HYDROCHLORIC ACID	114,394	0	0	114,394	0	1,246,982	NO	NO
HYDROGEN FLUORIDE	10,160	0	0	10,160	0	93,825	NO	NO
LEAD COMPOUNDS	74	0	6,217	6,291	0	0	YES	YES
MANGANESE COMPOUNDS	136	0	16,761	16,897	0	0	NO	NO
MERCURY COMPOUNDS	4	0	113	117	0	0	YES	NO
NAPHTHALENE	0	0	0	0	0	0	NO	YES
SULFURIC ACID	10,910	0	0	10,910	0	1,763,045	NO	NO
VANADIUM COMPOUNDS	83	0	14,253	14,336	0	0	NO	NO
TOTAL	141,970	0	137,384	279,354	1	3,372,390		

GRAPHICAL INFORMATION:

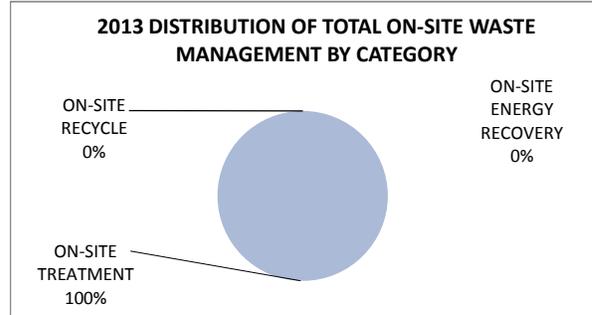
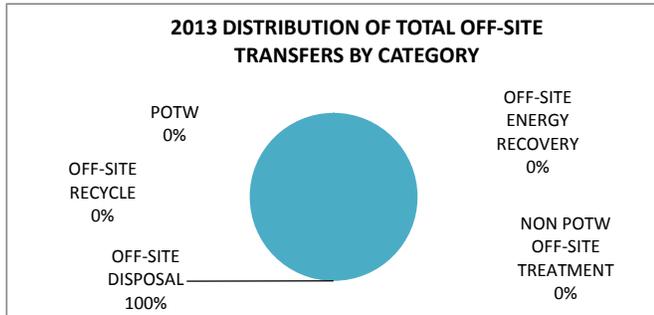




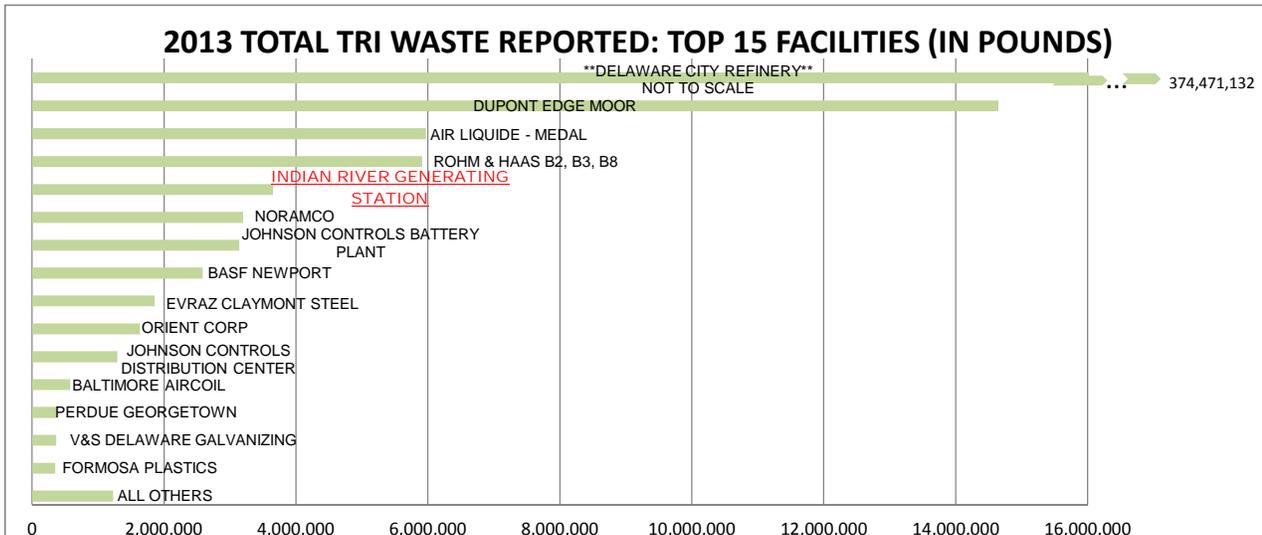
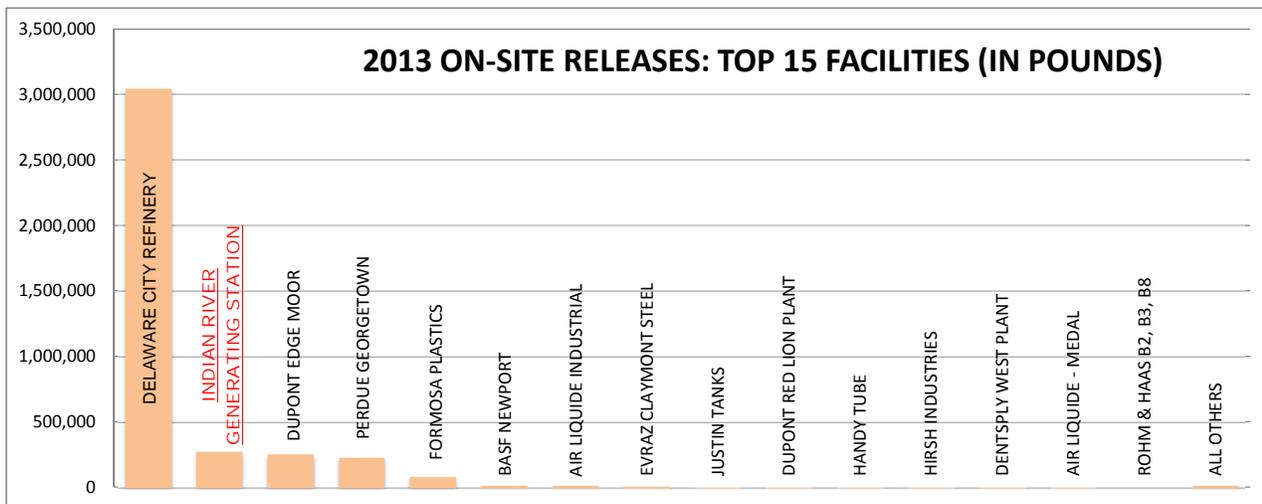
TRI FACILITY PROFILES

INDIAN RIVER GENERATING STATION, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Indian River Generating Station ranks 76th in on-site treatment of sulfuric acid aerosol (out of 763 facilities).

Indian River Generating Station ranks 78th in on-site treatment of hydrochloric acid aerosol by electric utility facilities (NAICS 2211) (out of 359 facilities).

INTERVET

LOCATION/CONTACT:

Address: 29160 Intervet Lane
Millsboro, DE 19966

Phone: (302) 934-4265

Contact: Tom Bastian



FACILITY OVERVIEW:

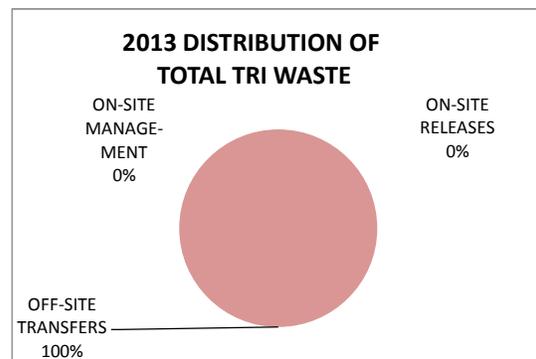
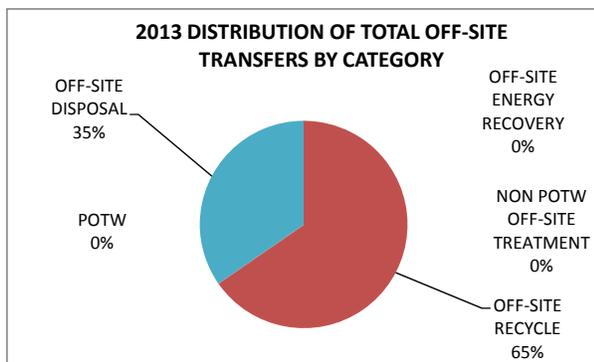
Intervet reported under the North American Industrial Classification System (NAICS) as 325414, which covers biological product manufacturing. The facility, located in Millsboro, is a fully integrated Animal Health site dedicated to the biomanufacturing of animal vaccines.

Intervet has reported since 2000. For 2013, the facility reported on one chemical, mercury compounds. All waste reported for mercury compounds were transferred off-site for disposal. Mercury compounds are utilized in the production of vaccines (Thimerosal) as a preservative and mercury containing light bulbs are at the site.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
MERCURY COMPOUNDS	0	0	0	0	5	0	YES	NO
TOTAL	0	0	0	0	5	0		

GRAPHICAL INFORMATION:



INTERVET, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Intervet ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Intervet ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Intervet ranks 52nd in the off-site transfer of mercury compounds for chemical facilities (NAICS 325) (out of 110 facilities).



TRI FACILITY PROFILES

JOHNSON CONTROLS BATTERY PLANT

LOCATION/CONTACT:

Address: 700 N. Broad Street
Middletown, DE 19709

Phone: (302)-376-4052

Contact: Cory Hulsing



FACILITY OVERVIEW:

Johnson Controls Battery Plant manufactures the internal lead parts of batteries that are formed and filled 1.5 miles away at their Middletown Distribution Center, before being shipped to customers. These completed batteries are used in a wide variety of vehicle types including passenger, commercial, agricultural, golf carts, and boats.

Johnson Controls Battery plant has reported since 1987. The facility reported on two chemicals in 2013, with on-site releases only from lead compounds, to both air and water. Lead compounds are utilized in the manufacturing of the battery's internal (positive and negative) plates and for completing the circuit between these plates throughout the battery. The other chemical reported antimony compounds, an impurity within the lead received from smelters, are recycled off-site. The facility assumes worst case for the impurity, which is 3% of all lead.

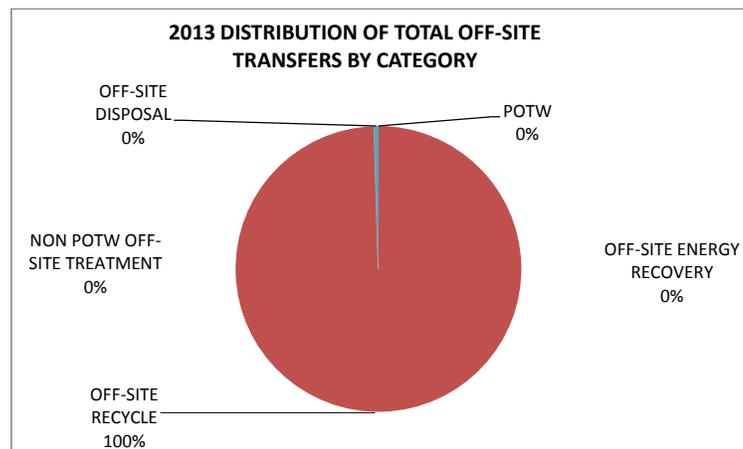
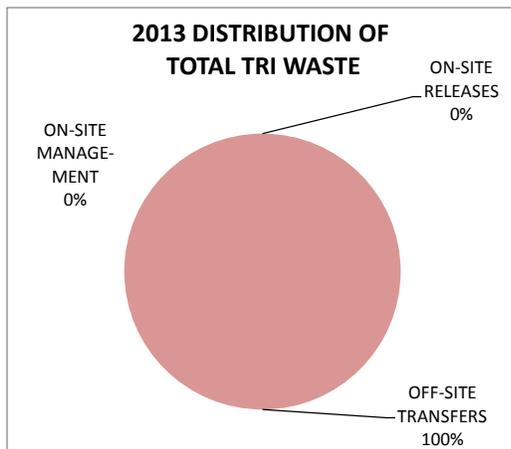
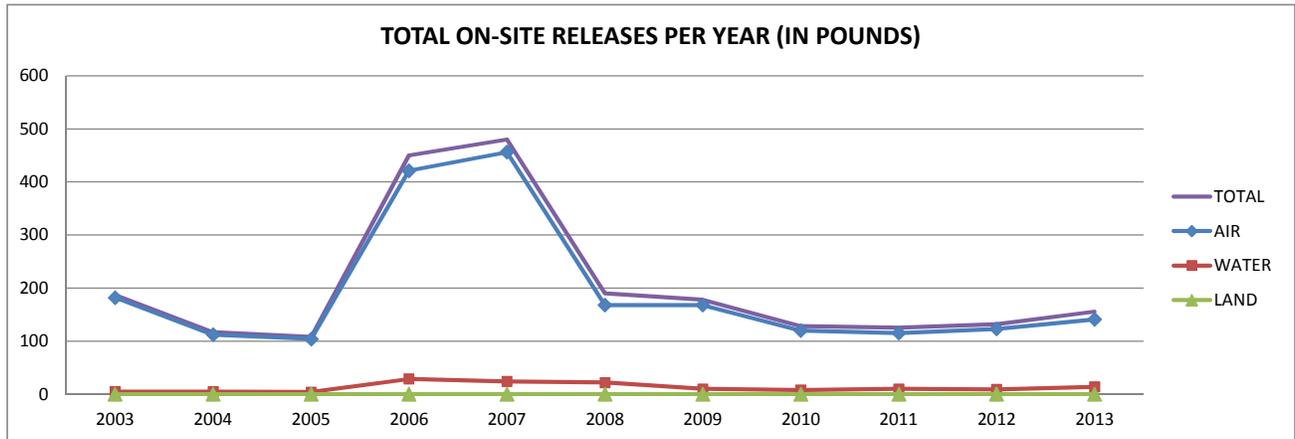
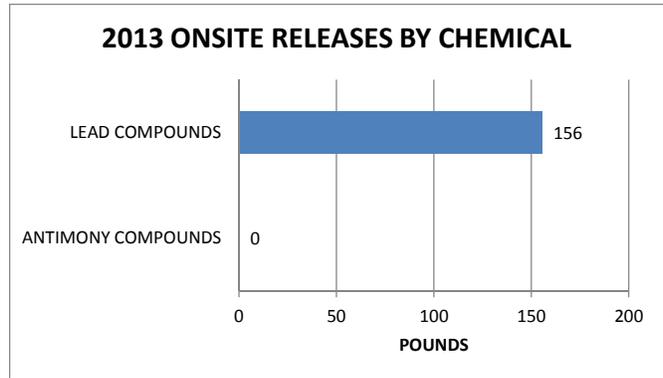
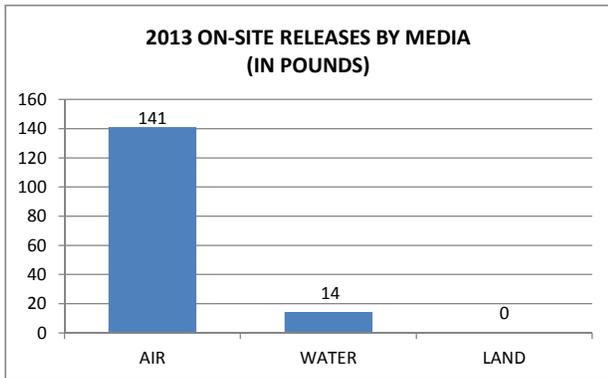
The majority of waste is sent off-site for recycling, with less than 0.01 % being released on-site. On-site releases for 2013 increased by 18% compared to 2012, but are down 17% overall since 2003 (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
ANTIMONY COMPOUNDS	0	0	0	0	11,943	0	NO	NO
LEAD COMPOUNDS	141	14	0	156	3,127,571	0	YES	YES
TOTAL	141	14	0	156	3,127,571	0		

JOHNSON CONTROLS BATTERY PLANT, CONT.

GRAPHICAL INFORMATION:

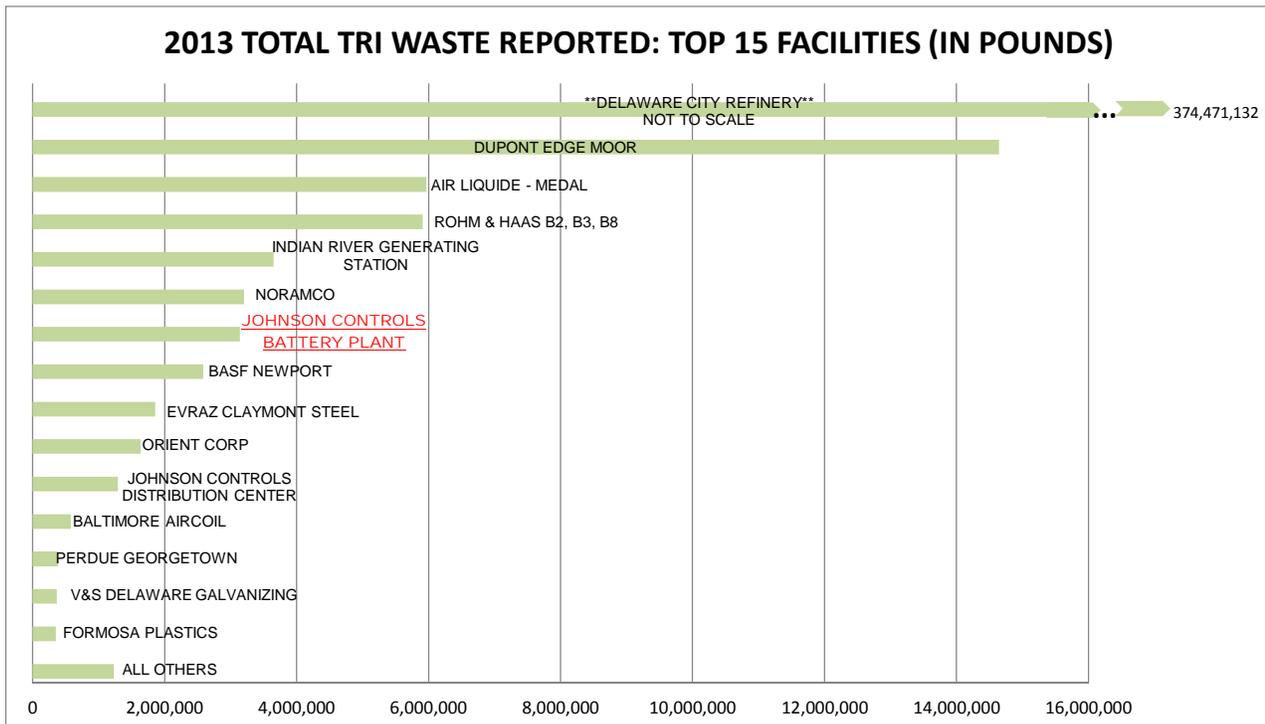
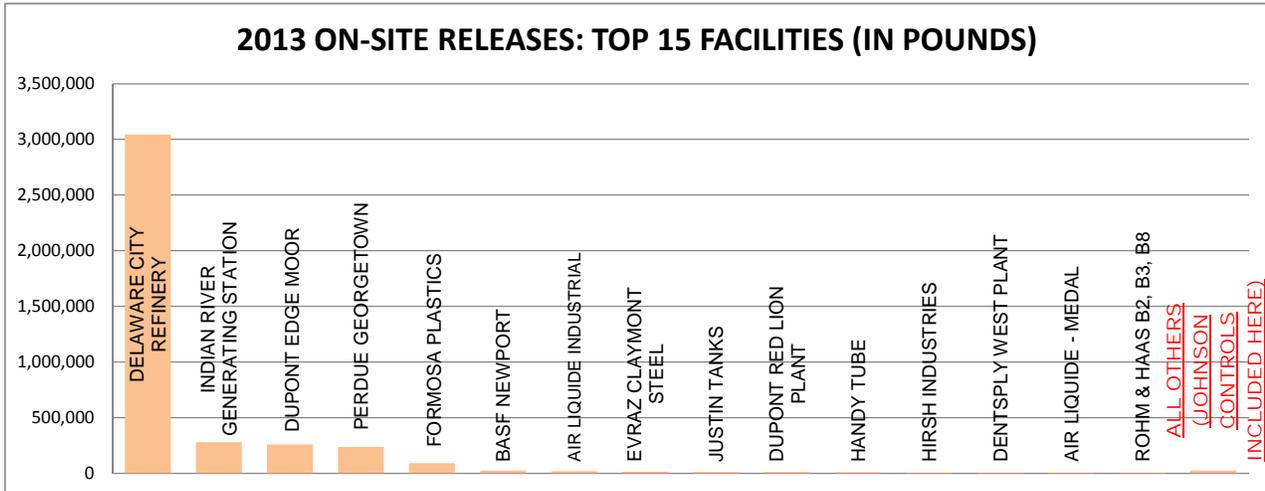




TRI FACILITY PROFILES

JOHNSON CONTROLS BATTERY PLANT, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Johnson Controls ranks 16th in the nation for off-site transfers of lead compounds (out of 3,782 facilities).



TRI FACILITY PROFILES

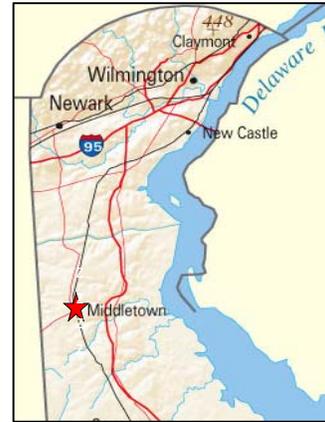
JOHNSON CONTROLS DISTRIBUTION CENTER

LOCATION/CONTACT:

Address: 50 Patriot Drive
Middletown, DE 19709

Phone: (302)-696-3209

Contact: Rick Thompson



FACILITY OVERVIEW:

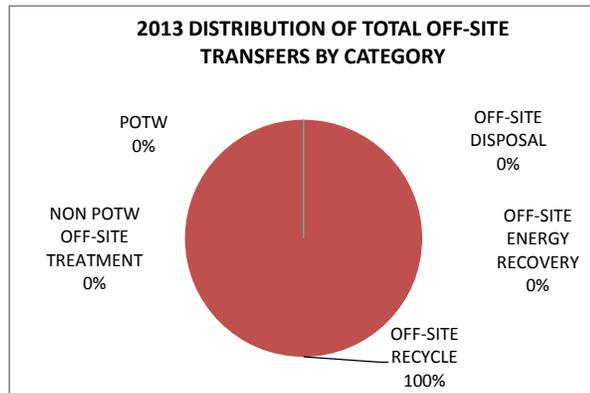
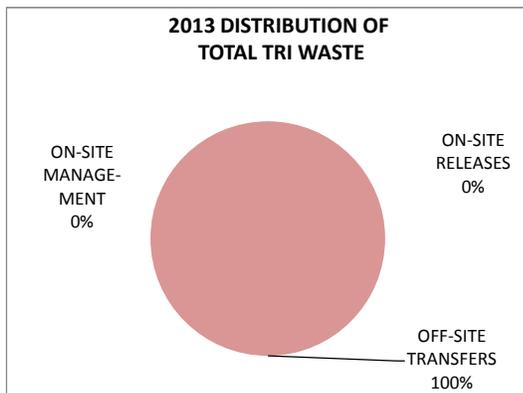
Johnson Controls Distribution Center forms and fills batteries, then prior to shipping; the batteries are washed and then labeled with the specified decal by the customer. From their battery plant, that is located 1.5 miles away in Middletown, the batteries are mostly shipped to customers within the Northeast. These batteries are used in a wide variety of vehicle types including passenger, commercial, agricultural, golf carts, and boats. In addition to many types of batteries Johnson Controls Middletown Distribution Center ships, there are just as many brands that leave the facility each day as well.

Johnson Controls Distribution Center has reported since 2011. The facility reported on one chemical in 2013, lead compounds. All of the lead compounds reported are sent off-site for recycling. The lead compounds that are shipped off-site for recycling, are from the in-plant junks and warranty returns from customers. Lead compounds are utilized in the construction of the batteries.

2013 TRI DATA (REPORTED IN POUNDS):

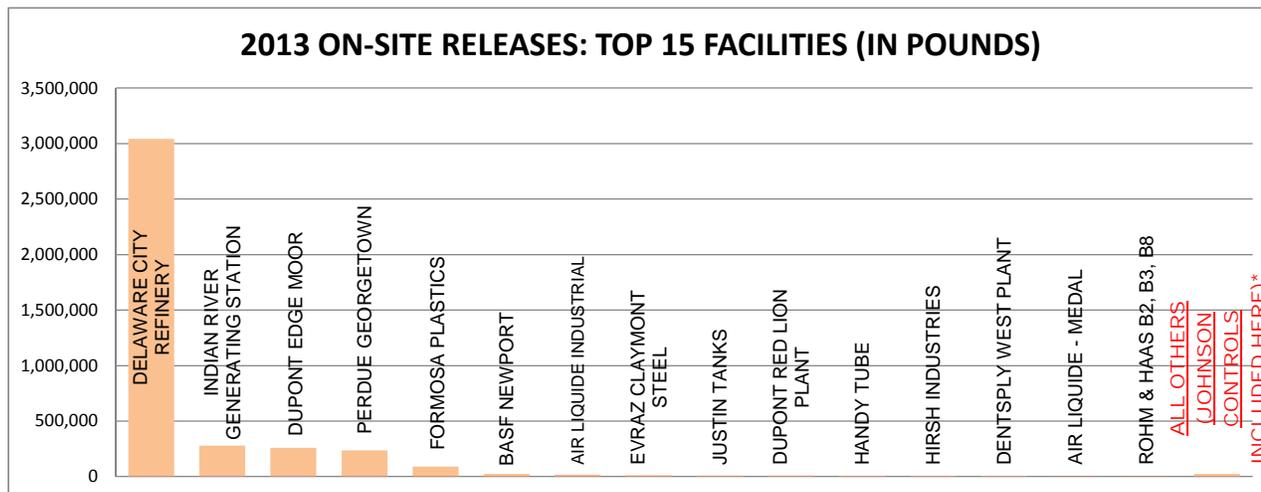
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD COMPOUNDS	0	0	0	0	1,293,566	0	YES	YES
TOTAL	0	0	0	0	1,293,566	0		

GRAPHICAL INFORMATION:

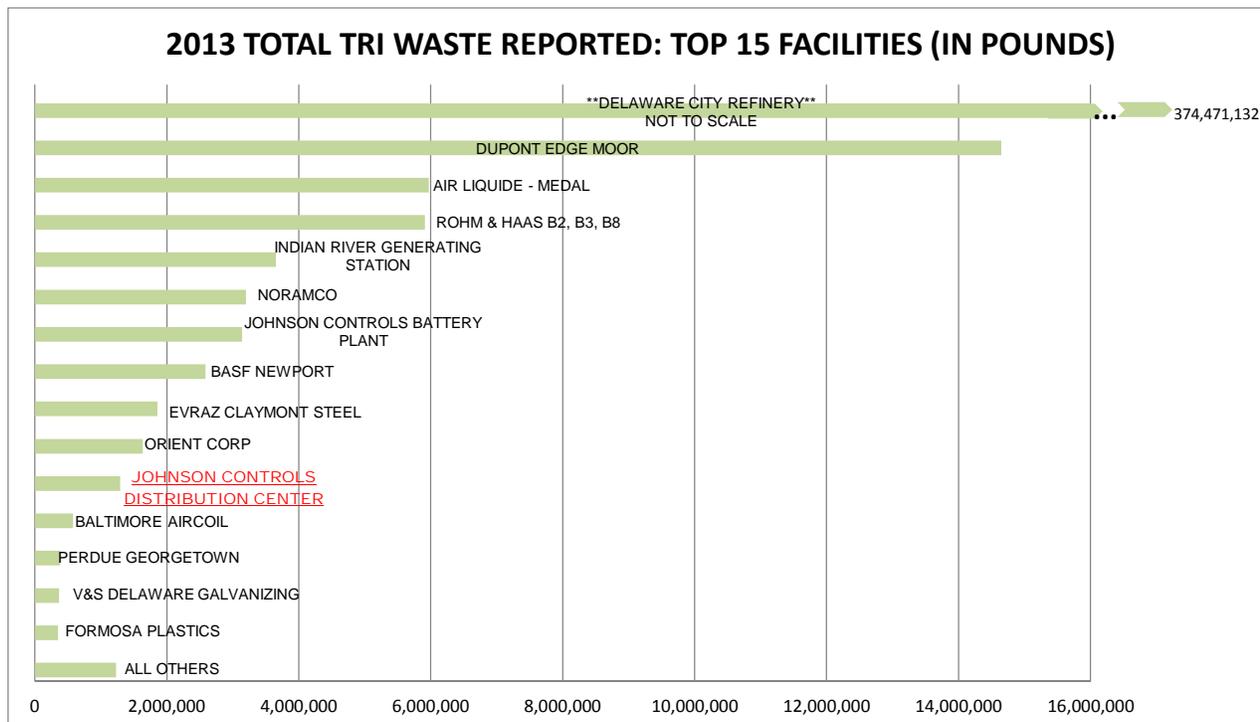


JOHNSON CONTROLS DISTRIBUTION CENTER, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



*Johnson Controls Distribution Center ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site. Comparisons only include facilities reporting on Form R.



NOTABLE 2013 NATIONAL RANKINGS:

Johnson Controls Distribution Center ranks 32nd in off-site transfers of lead compounds (out of 3,782 facilities).

JUSTIN TANKS

LOCATION/CONTACT:

Address: 21413 Cedar Creek Ave.
Georgetown, DE 19947

Phone: (302)-856-3521

Contact: Edward Short



FACILITY OVERVIEW:

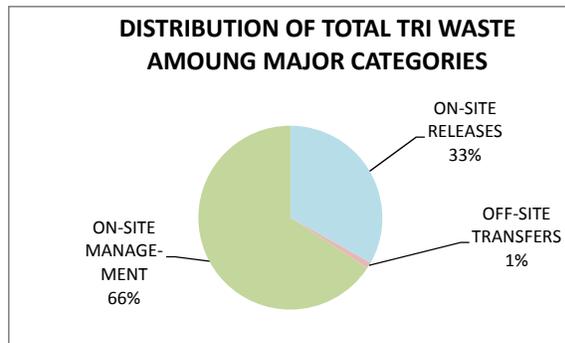
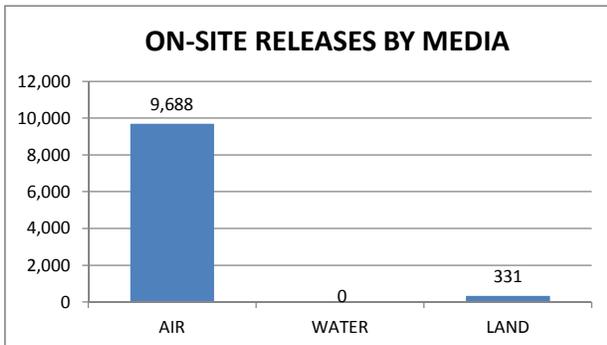
Justin Tanks manufactures a wide variety of Fiberglass Reinforced Plastic (FRP) tanks for use in the chemical, agricultural, and food industries.

Justin Tanks has reported since 1987. The facility reported on one TRI chemical, styrene, for 2013. Styrene is used as a monomer in the polymerization of fiberglass resin. The majority of the styrene is released to the air during the process of applying fiberglass reinforcement to the tank. During polymerization and curing, small amounts of styrene are released, and the amount of styrene release diminishes to zero at full cure. No release occurs after the tank polymerization and curing process is complete. On-site release of styrene was down 25% for 2013, compared to 2012, with production down by 20% (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

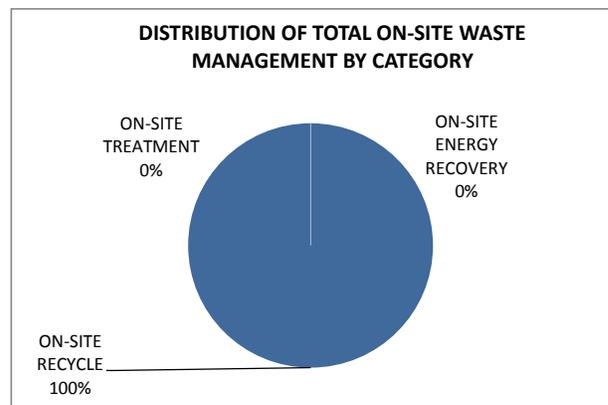
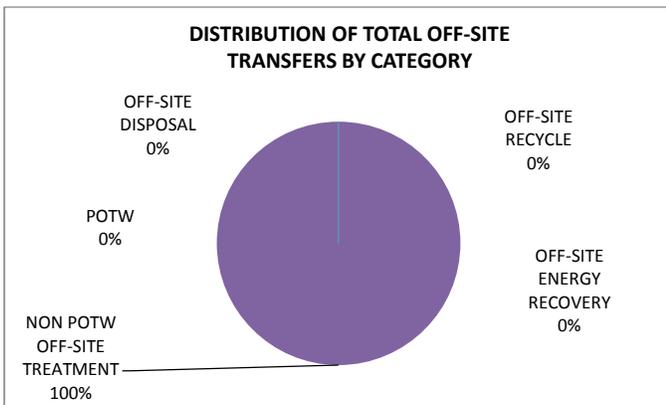
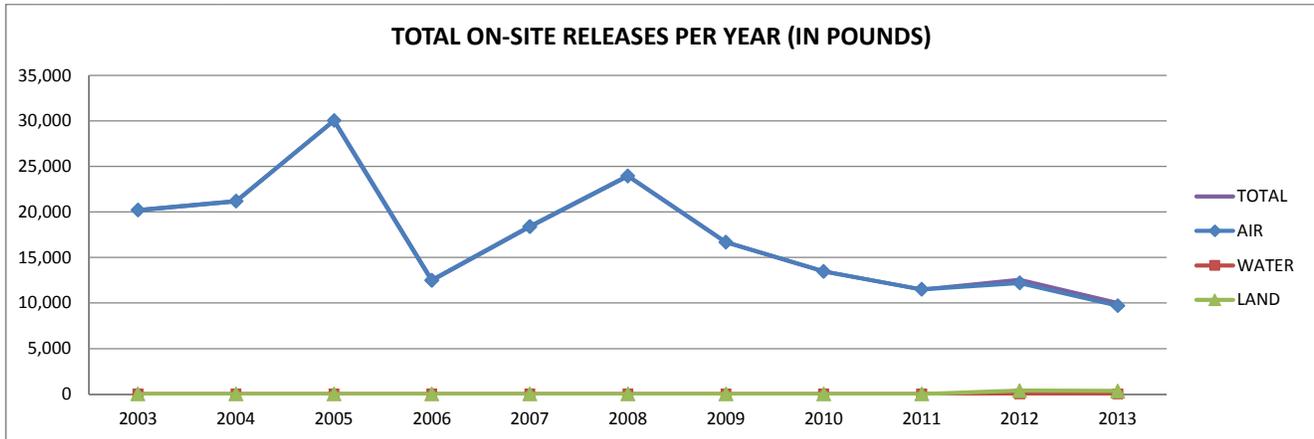
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
STYRENE	9,688	0	331	10,019	331	19,880	NO	YES
TOTAL	9,688	0	331	10,019	331	19,880		

GRAPHICAL INFORMATION:

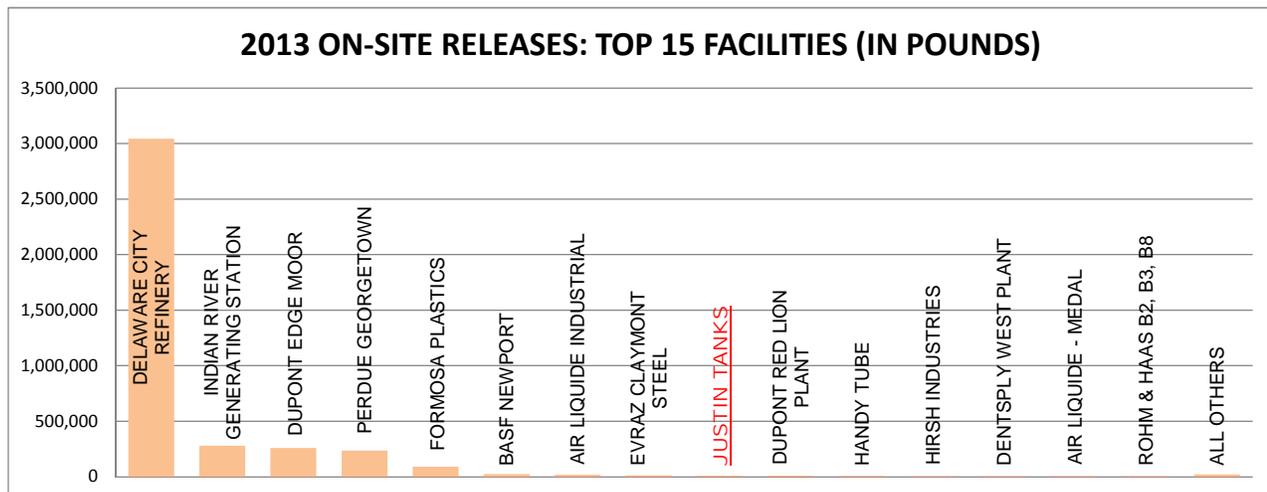


JUSTIN TANKS, CONT.

GRAPHICAL INFORMATION CONT.:

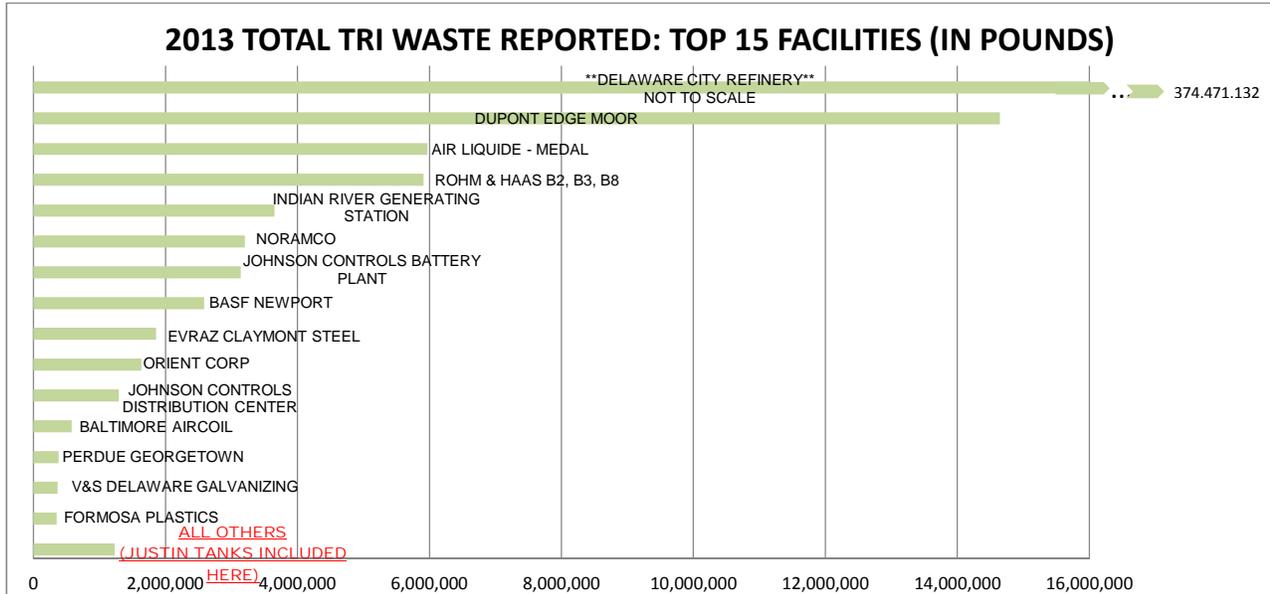


COMPARISON TO OTHER DELAWARE TRI FACILITIES:



JUSTIN TANKS, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT:



NOTABLE 2013 NATIONAL RANKINGS:

Justin Tanks ranks 12th in on-site recycling of styrene (out of 1,223 facilities).

KUEHNE

LOCATION/CONTACT:

Address: 1645 River Road
Delaware City, DE 19706

Phone: (302)-834-4557

Contact: Alan Rogers



FACILITY OVERVIEW:

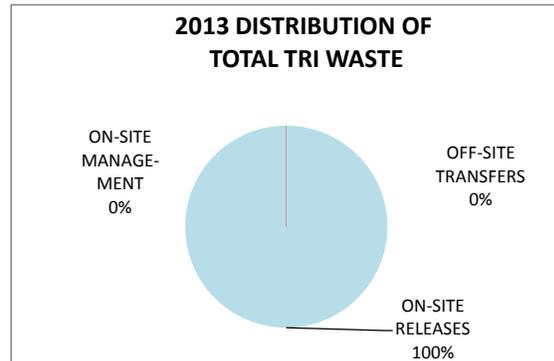
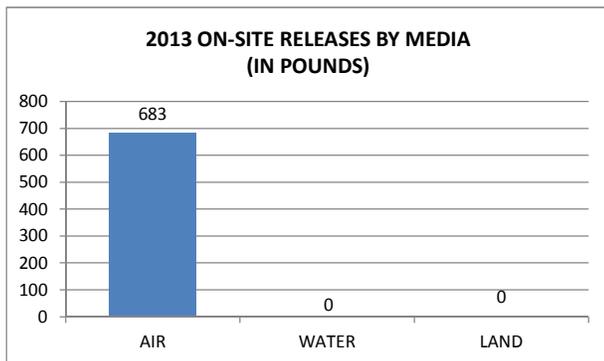
Kuehne reports under the North American Industrial Classification System (NAICS) as 325181, which covers the manufacturing of basic inorganic chemicals. Material produced at the facility is used primarily for municipal water and wastewater treatment.

Kuehne has reported since 1987, previously reporting under the company Chloramone. For 2013, the facility reported on one chemical, chlorine, with all on-site releases being made to air. Chlorine is repackaged for sale and also used in the production of sodium hypochlorite (bleach).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHLORINE	683	0	0	683	0	0	NO	NO
TOTAL	683	0	0	683	0	0		

GRAPHICAL INFORMATION:

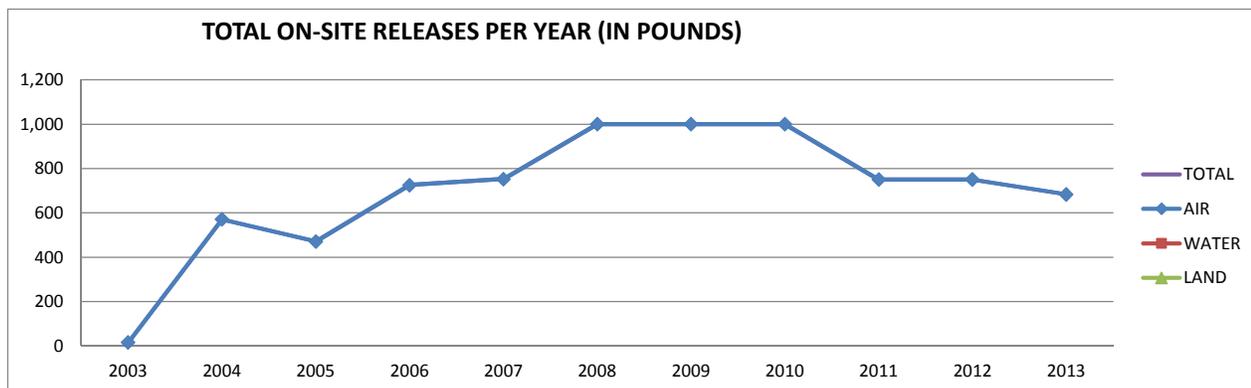


TRI FACILITY PROFILES

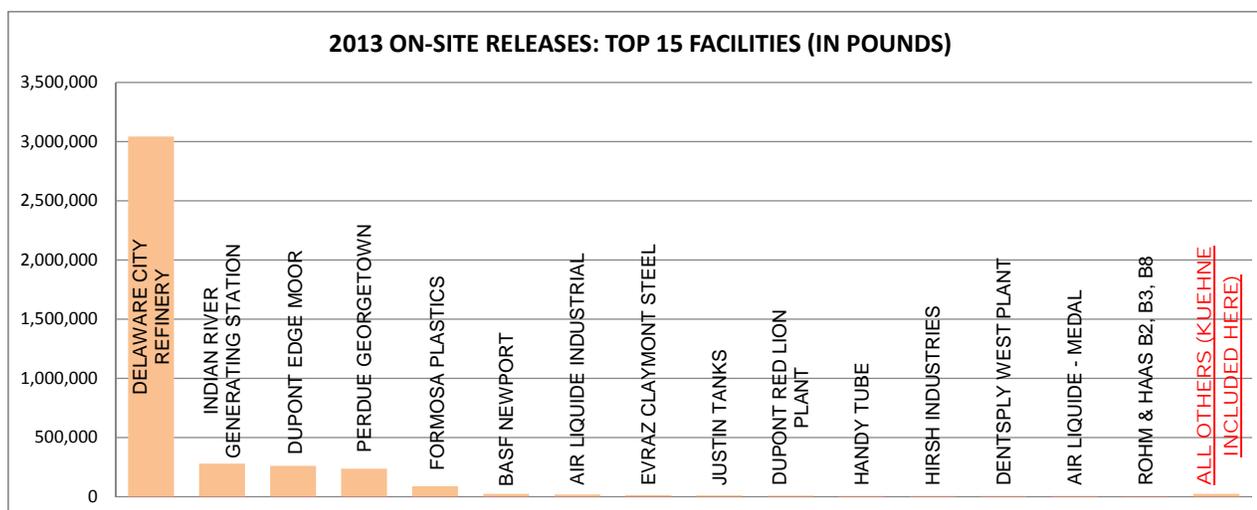


KUEHNE, CONT.

GRAPHICAL INFORMATION:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Kuehne ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

NOTABLE 2013 NATIONAL RANKINGS:

Kuehne ranks 100th in on-site releases of chlorine for chemical facilities (NAICS 325) (out of 281 facilities).



TRI FACILITY PROFILES

MACDERMID

LOCATION/CONTACT:

Address: 701 Industrial Drive
Middletown, DE 19709

Phone: (302)-378-3100

Contact: Ken McCullough



FACILITY OVERVIEW:

MacDermid, Inc., a Platform Specialty Products company, manufactures photopolymer resins for the graphic arts and printing industry. Photopolymer resin will crosslink when exposed to UV radiation and become rubber material suitable for use as flexible printing plates. MacDermid also cuts to size and laminates coated film from rolls produced by MacDermid, UK.

The facility has reported since 1987, previously as Hercules-Middletown. MacDermid reported two chemicals in 2013, diisocyanates and toluene diisocyanates (mixed isomers), both on short Form A. Isocyanates are used in the manufacture of polyurethanes which are precursors to photopolymer resins. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
DIISOCYANATES*	0	0	0	0	0	0	NO	NO
TOLUENE DIISOCYANATE (MIXED ISOMERS)*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

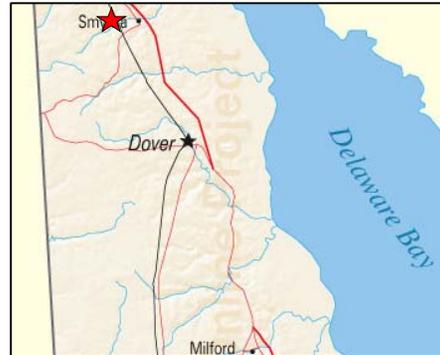
METAL MASTERS

LOCATION/CONTACT:

Address: 100 Industrial Blvd.
Clayton, DE 19938

Phone: (302)-653-3000

Contact: Richard Murphy



FACILITY OVERVIEW:

Eagle Group manufactures commercial stainless steel foodservice equipment. Their Metal Masters product line includes sinks, tables, food warming equipment, serving equipment, shelving of both solid and wire design, and custom fabrications. The raw metals are purchased in sheet or wire form and then sheared, punched, formed, welded, spot welded, ground and finished to produce an end product.

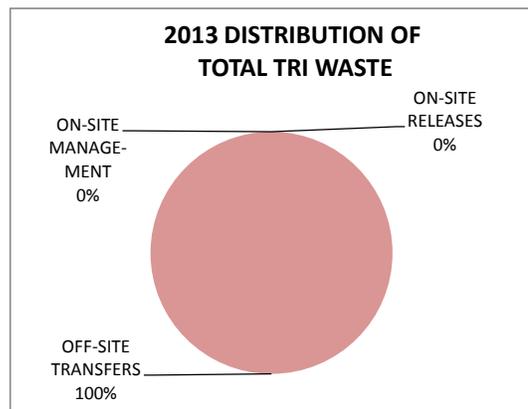
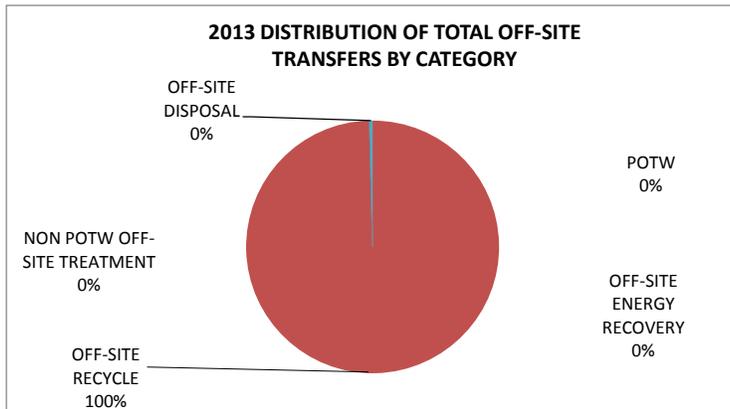
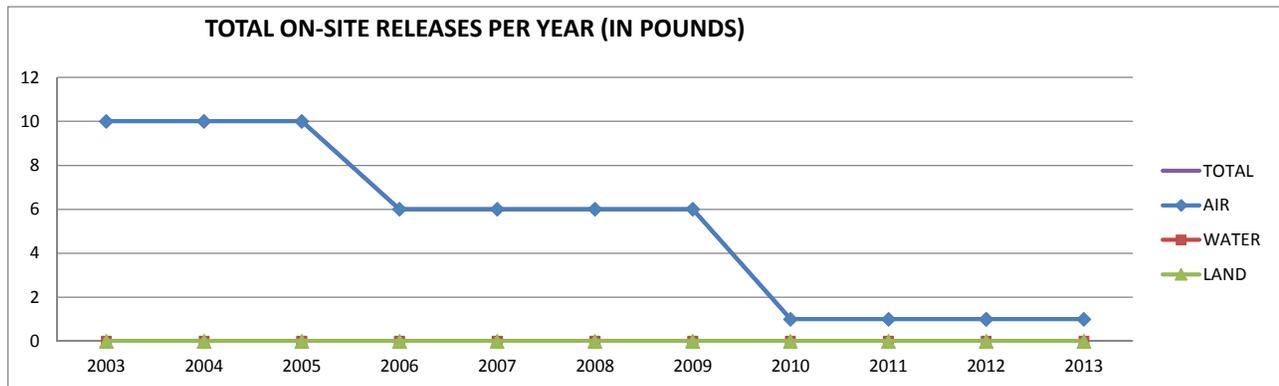
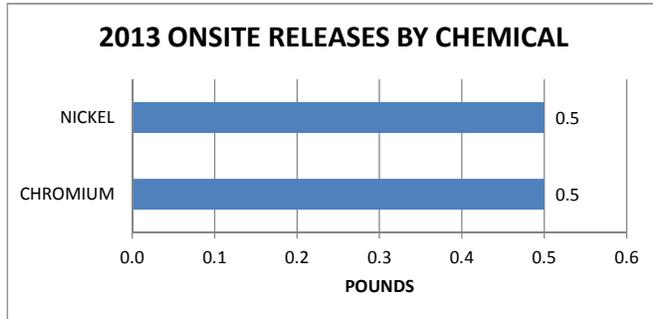
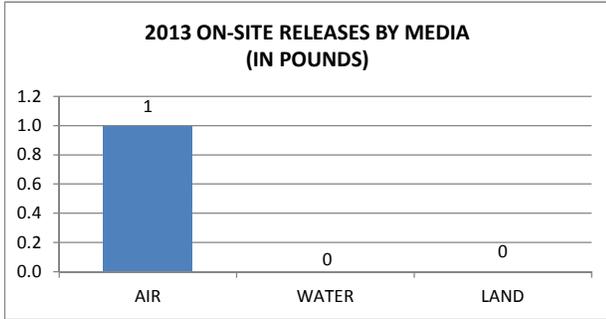
Metal Masters has reported since 2001. The facility reported on 2 chemicals in 2013, nickel and chromium, with on-site releases being only to air. These chemicals are component parts of the stainless steel and are released to air during the welding phase. These releases to air account for less than 0.01% of the total waste management. All scrap metal which is not able to be used for finished product is recycled off-site. A smaller portion of the waste that is generated as grinding dust is shipped off-site for disposal.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHROMIUM	0.5	0	0	0.5	170,893	0	NO	NO
NICKEL	0.5	0	0	0.5	55,802	0	NO	YES
TOTAL	1	0	0	1	226,695	0		

METAL MASTERS, CONT.

GRAPHICAL INFORMATION:

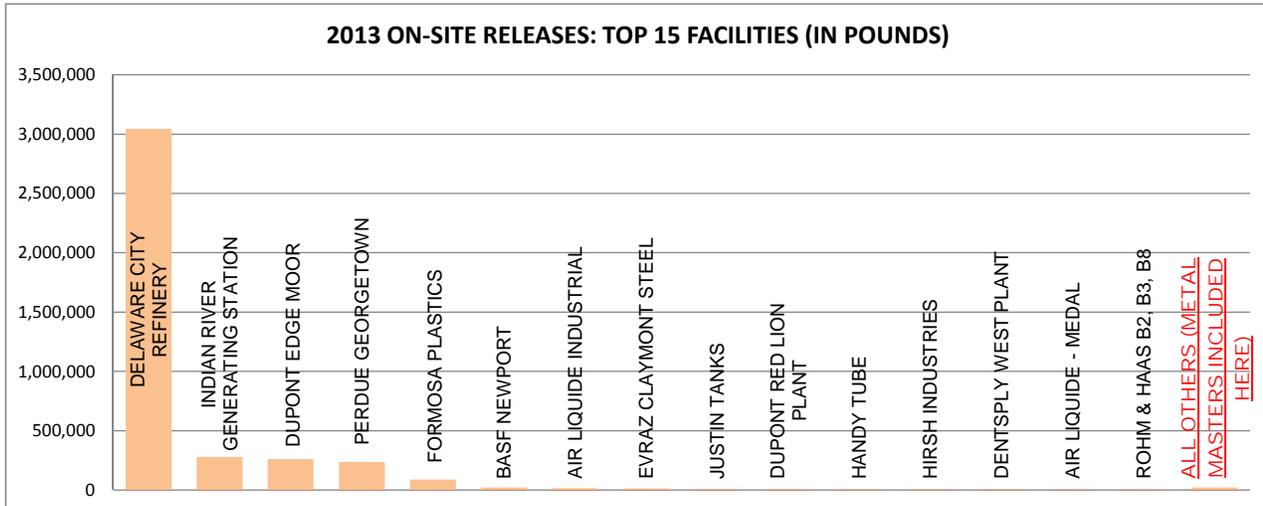




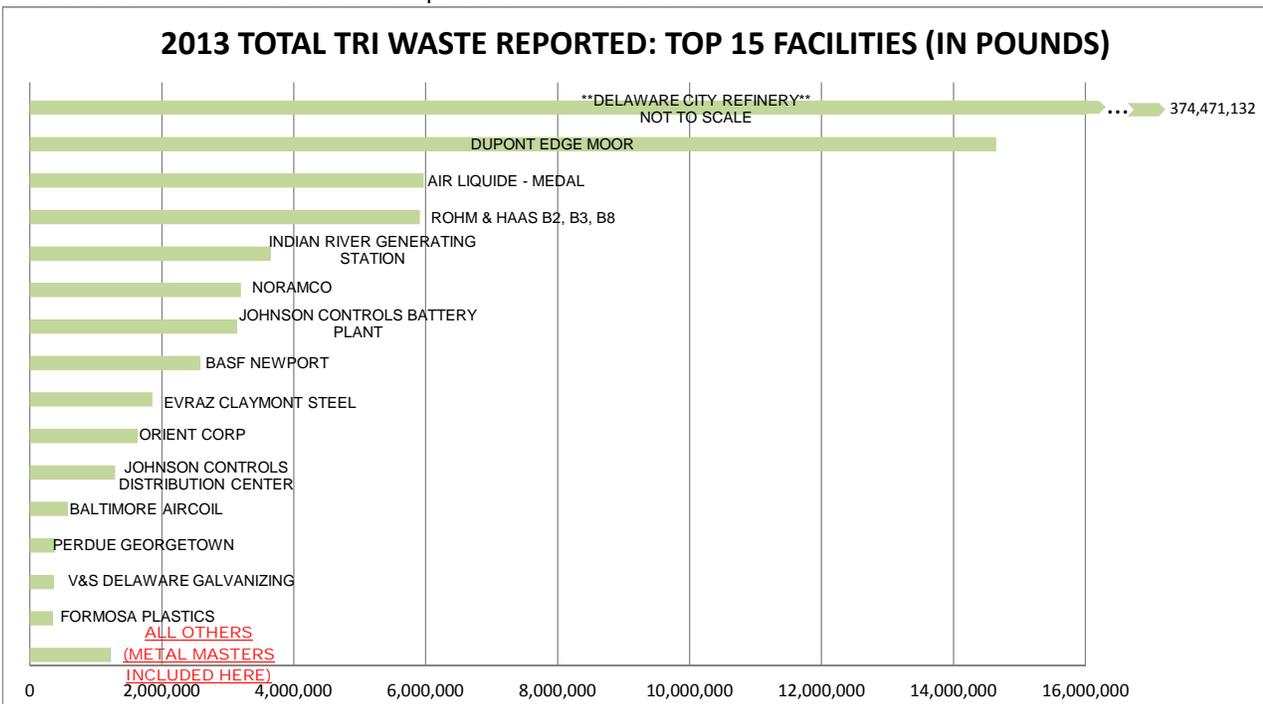
TRI FACILITY PROFILES

METAL MASTERS, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Metal Masters ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.



NOTABLE 2013 NATIONAL RANKINGS:

Metal Masters ranks 64th in off-site recycling of chromium for fabricated metal facilities (NAICS 332) (out of 861 facilities).

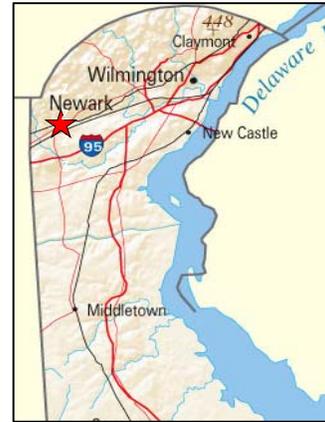
MOTECH AMERICAS

LOCATION/CONTACT:

Address: 231 Lake Drive
Newark, DE 19702

Phone: (302) 323-1061

Contact: Dave Holleran



FACILITY OVERVIEW:

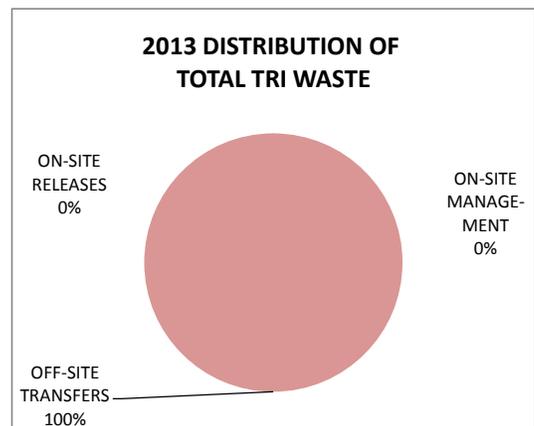
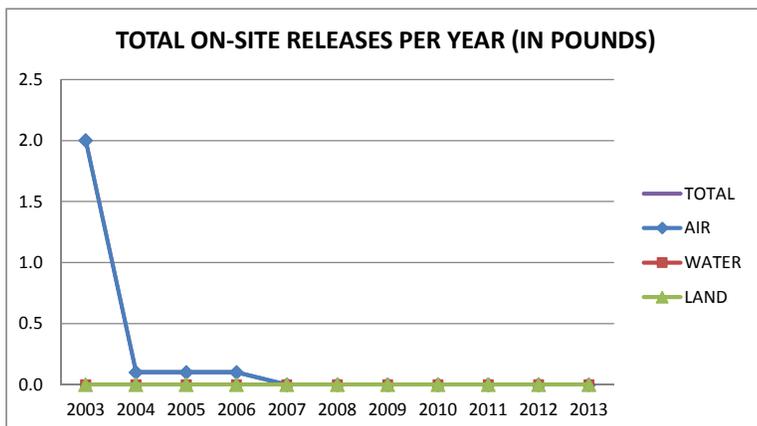
Motech Americas manufactures photovoltaic (pv) cells, pv modules, pv inverters, and pv power systems which are used in the production of solar modules. The Newark facility distributes solar module systems throughout North America.

Motech Americas has reported since 2001. The facility reported on 1 chemical in 2013, lead. All of the lead compounds are sent off-site for treatment. Lead is utilized in the production of poly crystalline solar modules.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	0	0	0	0	212	0	YES	YES
TOTAL	0	0	0	0	212	0		

GRAPHICAL INFORMATION:

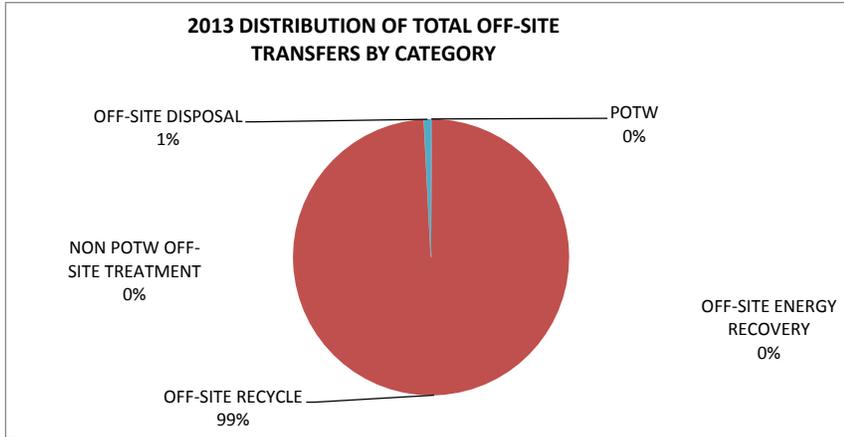


TRI FACILITY PROFILES



MOTECH AMERICAS, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

Motech Americas ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

Motech Americas ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

MOUNTAIRE FARMS OF DELAWARE

LOCATION/CONTACT:

Address: 29106 John J. Williams Highway
Millsboro, DE 19966

Phone: (302)-934-3123

Contact: Roger Marino



FACILITY OVERVIEW:

Mountaire Farms of Delaware is located in Millsboro, and hatches chickens for growers, produces feed for poultry growers, produces poultry byproducts, and produces retail, wholesale and export chicken products.

The facility has reported since 1987, previously as Townends. For 2013, Mountaire Farms of Delaware reported four TRI chemicals, hydrogen sulfide and metallic compounds (Copper, Manganese, and Zinc). Hydrogen sulfide is a byproduct of anaerobic wastewater treatment. The metallic compounds are used in poultry feed and are reported on form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) Persistent Bio-Accumulative Toxic (PBT) Chemicals, such as lead, are ineligible for Form A.

Mountaire Farms in previous years has also reported on ammonia, a byproduct of poultry processing that is treated in the on-site wastewater treatment plant. Since the biological treatment of the wastewater fluctuates, ammonia is sometimes below the reporting threshold, which it was in 2013.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
COPPER COMPOUNDS*	0	0	0	0	0	0	NO	NO
HYDROGEN SULFIDE	2,417	0	0	2,417	0	58,265	NO	NO
MANGANESE COMPOUNDS*	0	0	0	0	0	0	NO	NO
ZINC COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	2,417	0	0	2,417	0	58,265		

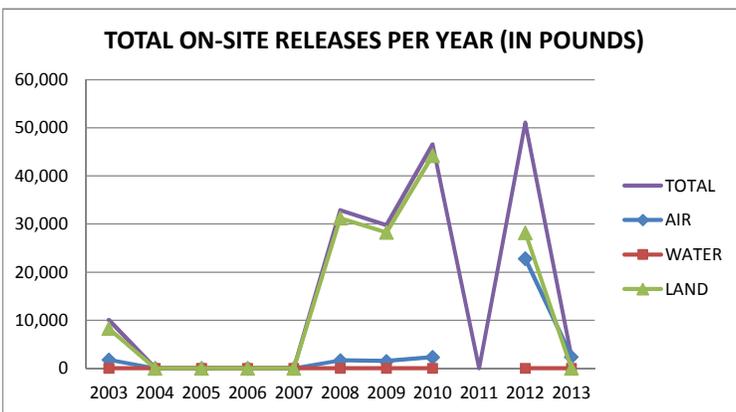
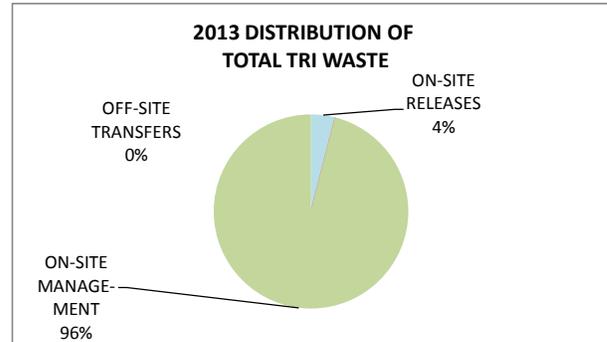
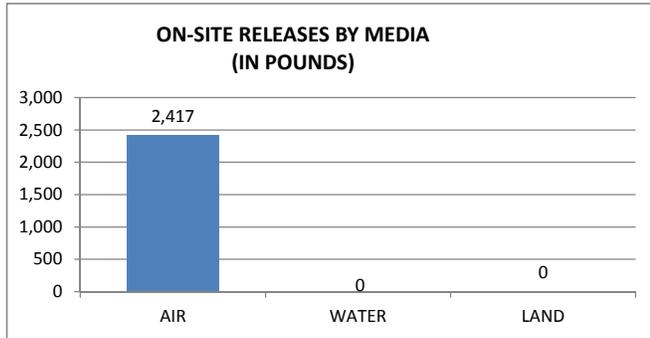
*Reported on short Form A

TRI FACILITY PROFILES

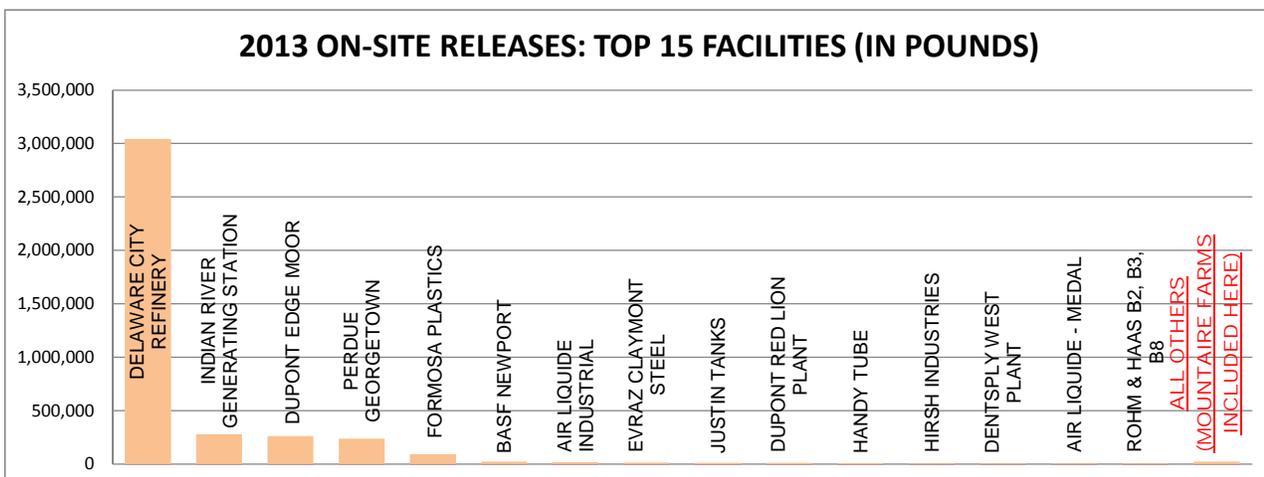


MOUNTAIRE FARMS OF DELAWARE, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



MOUNTAIRE FARMS OF DELAWARE, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

Mountaire Farms of Delaware ranks 37th in the on-site treatment of hydrogen sulfide by food/beverage facilities (NAICS 311) (out of 85 facilities).

MOUNTAIRE FARMS- FRANKFORD

LOCATION/CONTACT:

Address: 11 Daisey Street
Frankford, DE 19945

Phone: (302)-934-3123

Contact: Roger Marino



FACILITY OVERVIEW:

Mountaire Farms-Frankford reported under the North American Industrial Classification System (NAICS) as 311119, which covers animal food manufacturing, except facilities primarily engaged in custom grain grinding for animal feed. This location manufactures chicken feed.

Mountaire Farms-Frankford has reported since 1996. The facility reported on 3 chemicals in 2013, all on the short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) Persistent Bio-Accumulative Toxic (PBT) Chemicals, such as polycyclic aromatic compounds (PACs), are ineligible for Form A. The facility recently converted to using natural gas in their boilers, resulting in PACs no longer being reported as released on-site in 2013.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
COPPER COMPOUNDS*	0	0	0	0	0	0	NO	NO
MANGANESE COMPOUNDS*	0	0	0	0	0	0	NO	NO
ZINC COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

NORAMCO

LOCATION/CONTACT:

Address: 500 Swedes Landing Road
Wilmington, DE 19801

Phone: (302)-888-4477

Contact: John Daly



FACILITY OVERVIEW:

Noramco, Inc. is the North American Chemical Operations subsidiary of Johnson & Johnson. Noramco manufactures and markets Active Pharmaceutical Ingredients (APIs) and fine chemicals for other Johnson & Johnson affiliated companies and to third-party trade customers. The majority of such trade sales consist of controlled substance pain management active pharmaceutical ingredients.

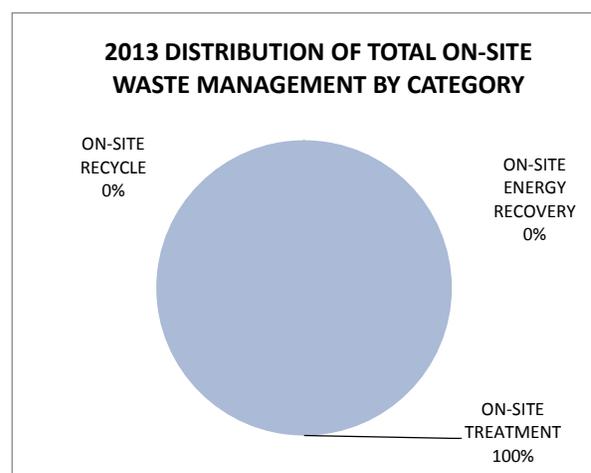
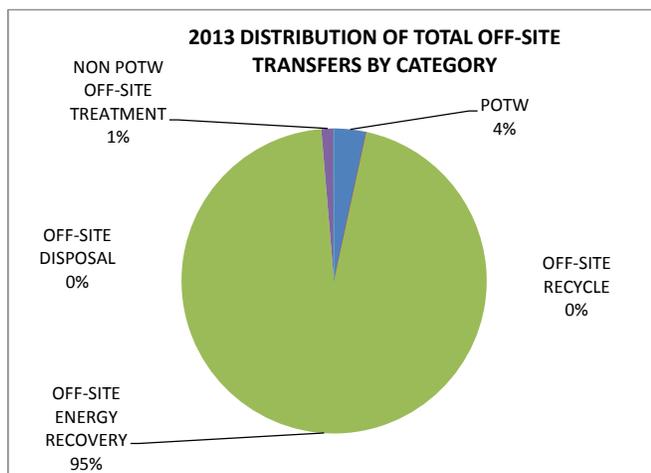
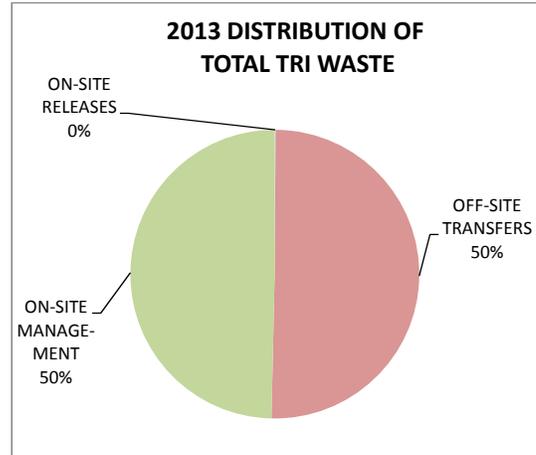
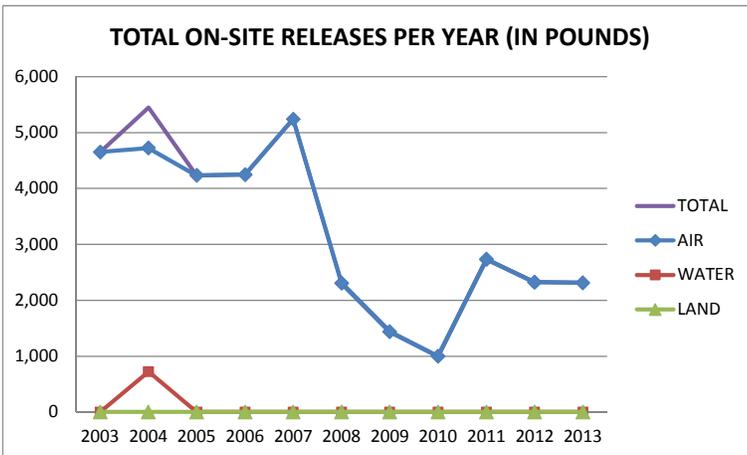
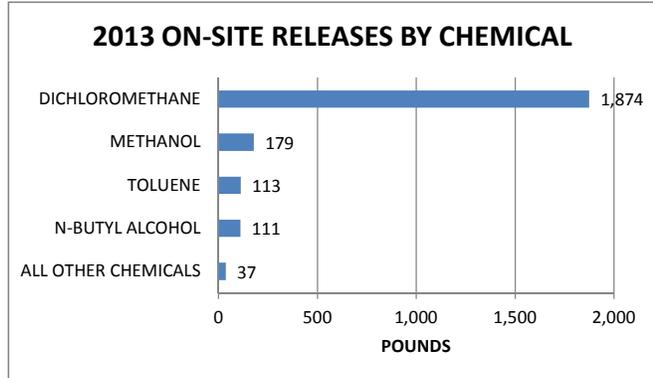
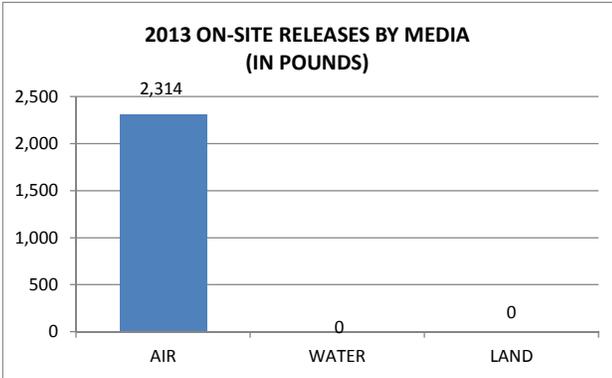
The facility has reported since 1987. Noramco reported seven chemicals in 2013, and all on-site releases of these chemicals were to the air through normal plant operations. The chemicals reported are comprised mainly of solvents that are used in the separation, synthesis, and purification of small molecule APIs made from natural plant materials. For this reason, the usage and release quantities of these chemicals are primarily tied to Noramco’s production volumes. On-site releases for Noramco have decreased by 50% since 2003, the result of utilizing lean manufacturing programs to reduce waste and unneeded chemical processing and leveraging new technologies and sustainable chemistry initiatives (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
DICHLOROMETHANE	1,874	0	0	1,874	58,083	58,083	NO	YES
ETHYLENE GLYCOL	10	0	0	10	11,316	0	NO	NO
FORMIC ACID	17	0	0	17	0	0	NO	NO
METHANOL	179	0	0	179	121,161	121,161	NO	NO
N-BUTYL ALCOHOL	111	0	0	111	834,212	834,212	NO	NO
PERACETIC ACID	10	0	0	10	9,960	0	NO	NO
TOLUENE	113	0	0	113	548,386	548,385	NO	NO
TOTAL	2,314	0	0	2,314	1,583,118	1,561,841		

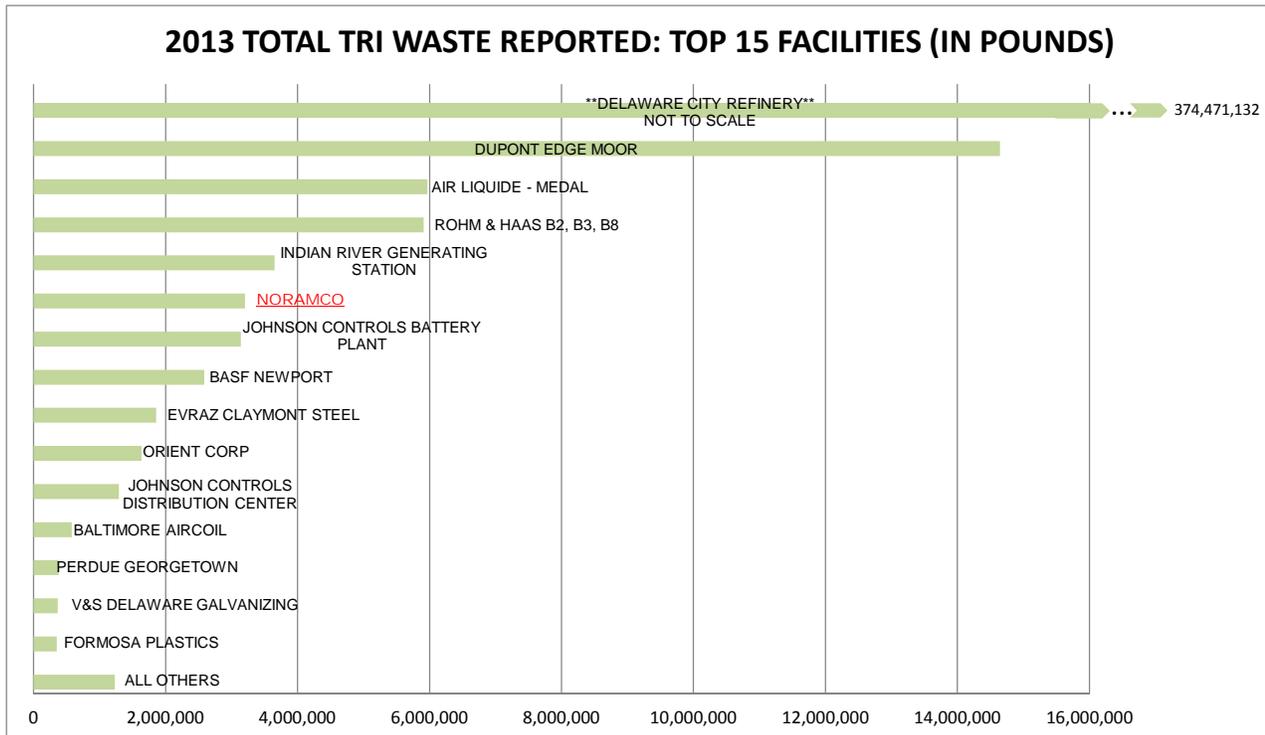
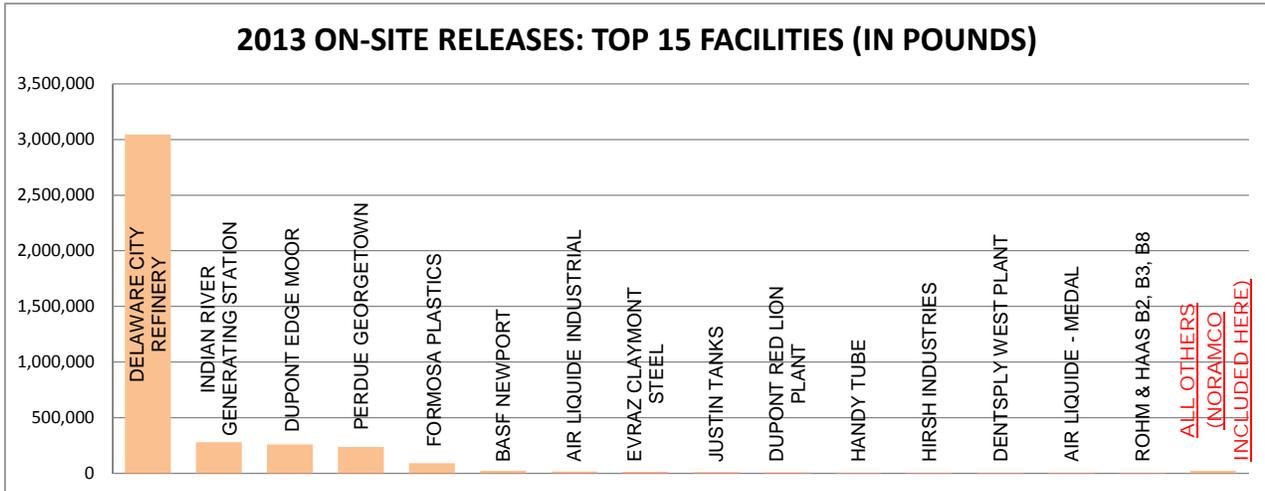
NORAMCO, CONT.

GRAPHICAL INFORMATION:



NORAMCO, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Noramco ranks 3rd in the nation for off-site transfers of n-butyl alcohol (out of 723 facilities).

Noramco ranks 6th in the nation for on-site treatment of n-butyl alcohol (out of 723 facilities).

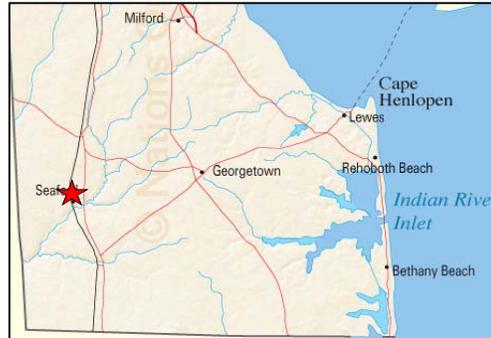
ORIENT CORPORATION

LOCATION/CONTACT:

Address: 111 Park Ave
Seaford, DE 19973

Phone: (302)-628-1300

Contact: Dave Curry



FACILITY OVERVIEW:

Orient Corporation distributes various dyes, pigment dispersions, and charge control agents. The Seaford plant produces Nigrosine Dye, a product used in phenolic and polyamide resins and specialty paints. Orient supplies a large share of domestic demand for this type of dye.

Orient has reported since 1992. The facility reported on four chemicals in 2013, with on-site releases only to air. Aniline is the predominant on-site release, accounting for 97% of the total, with remaining 3% attributable to nitrobenzene. Aniline and nitrobenzene are both used in the production of dyes.

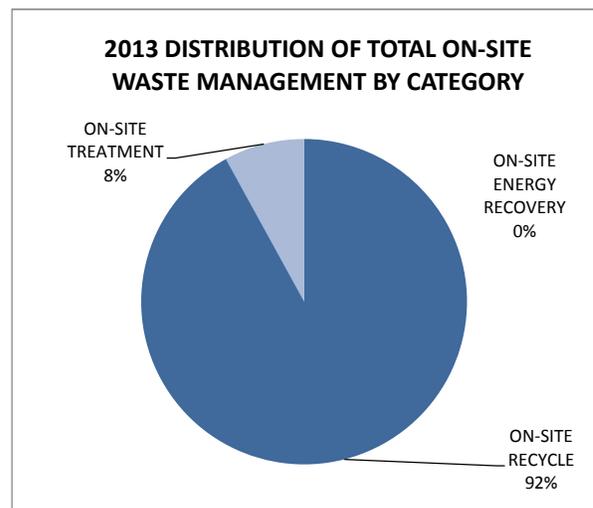
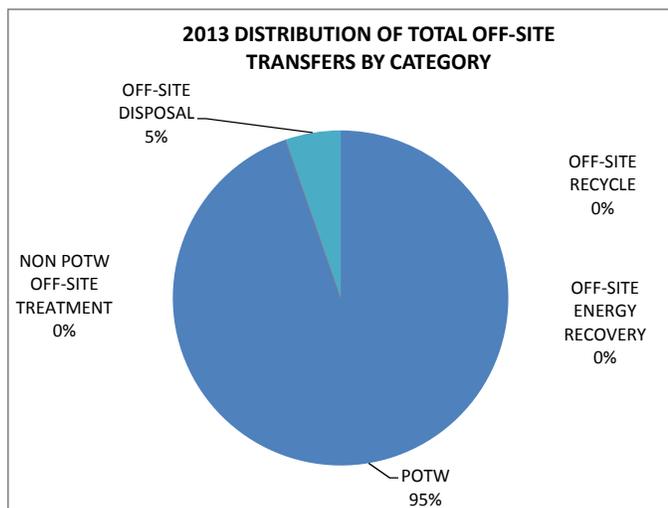
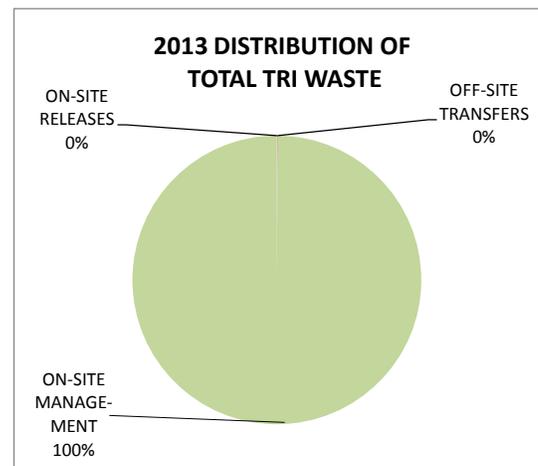
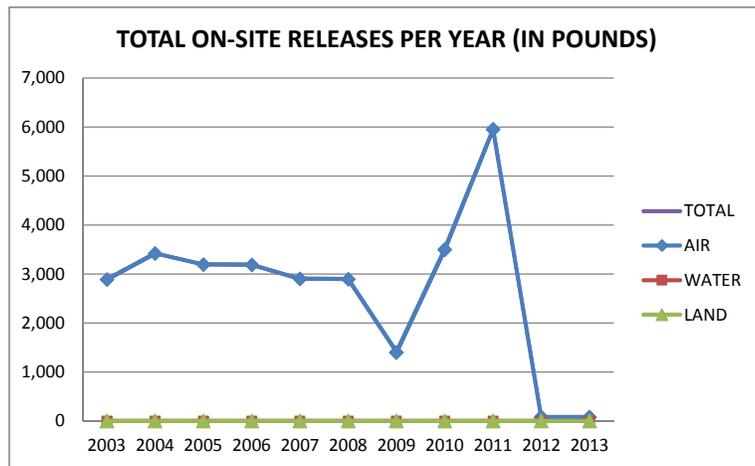
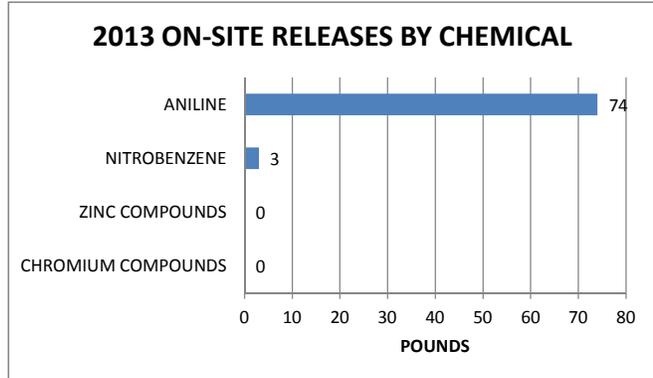
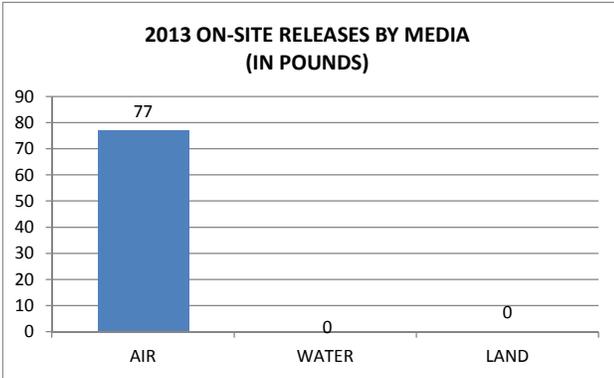
In 2011, TRI reports included more detailed calculations and analytical testing that were not used in previous years, resulting in higher releases reported. In 2012, a thermal oxidizer was utilized for the destruction of aniline, which resulted in a decrease in on-site releases of 99% compared to 2011 (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
ANILINE	74	0	0	74	1,689	1,630,000	NO	NO
CHROMIUM COMPOUNDS	0	0	0	0	0	0	NO	YES
NITROBENZENE	3	0	0	3	1	0	NO	YES
ZINC COMPOUNDS	0	0	0	0	0	0	NO	NO
TOTAL	77	0	0	77	1,690	1,630,000		

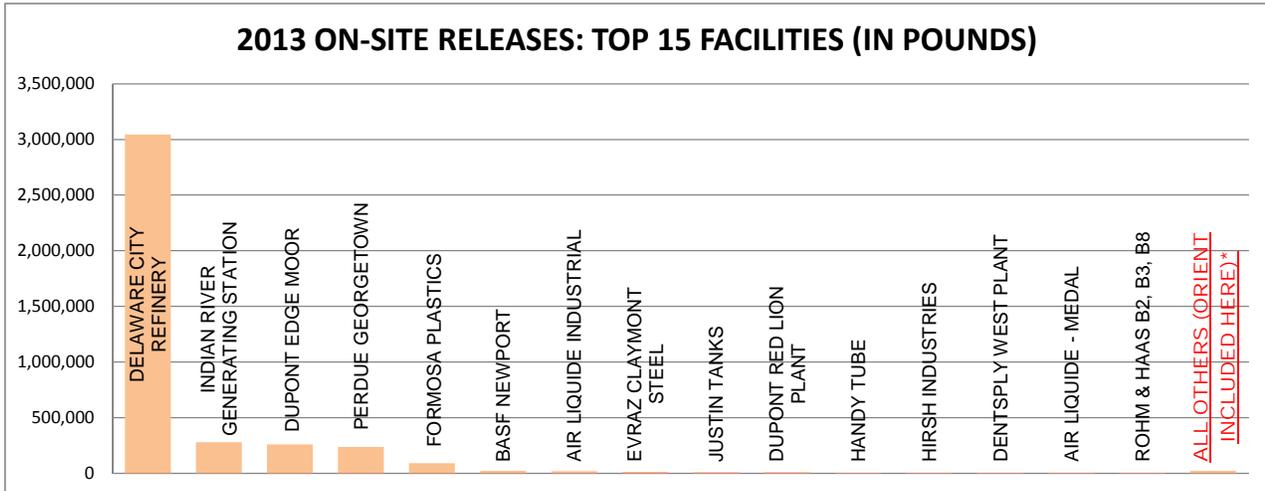
ORIENT CORPORATION, CONT.

GRAPHICAL INFORMATION:

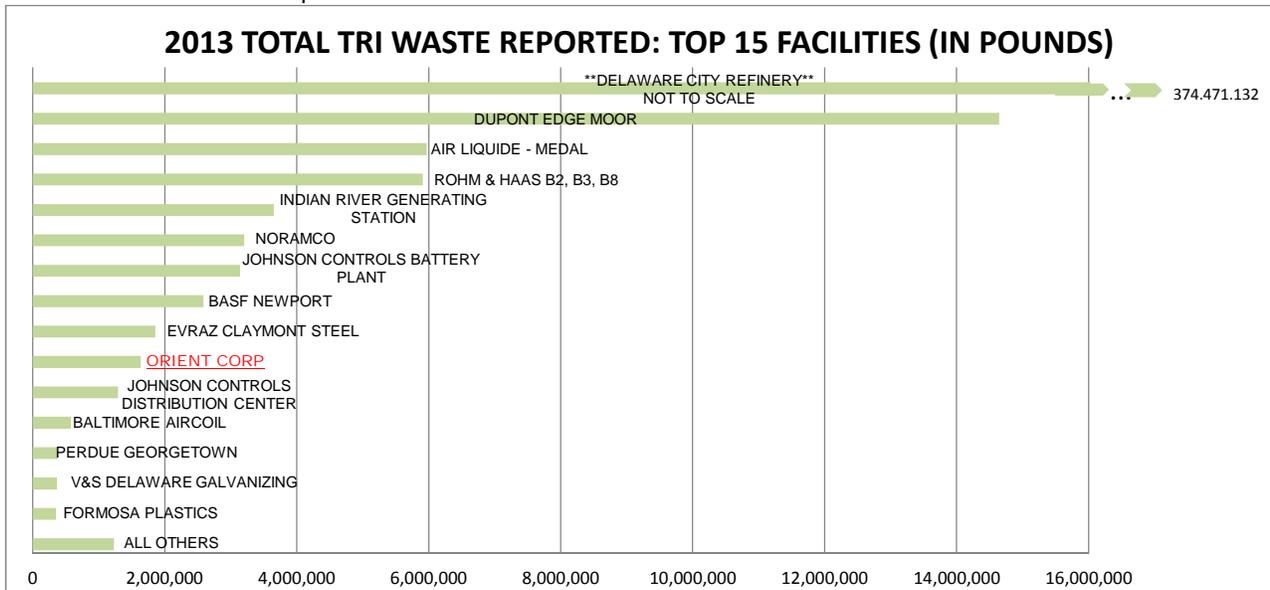


ORIENT, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES



*Orient ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.



NOTABLE 2013 NATIONAL RANKINGS:

Orient ranks 2nd in the nation for on-site recycling of aniline (out of 56 facilities).

PERDUE BRIDGEVILLE

LOCATION/CONTACT:

Address: 16447 Adams Road
Bridgeville, DE 19933

Phone: (410)-543-3166

Contact: Julie Deyoung



FACILITY OVERVIEW:

Perdue Farms is a producer of poultry products. The Bridgeville facility is a feed mill that produces poultry feed.

Perdue Bridgeville has reported since 1995. The facility reported on three chemicals in 2013, all on short Form A. Form A reports do not include waste management activities. The chemicals reported are metal compounds that are used in poultry feed as nutritional ingredients. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
COPPER COMPOUNDS*	0	0	0	0	0	0	NO	NO
MANGANESE COMPOUNDS*	0	0	0	0	0	0	NO	NO
ZINC COMPOUNDS*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

PERDUE GEORGETOWN

LOCATION/CONTACT:

Address: 20621 Savannah Road
Georgetown, DE 19947

Phone: (410)-543-3166

Contact: Julie Deyoung



FACILITY OVERVIEW:

Perdue Farms is a producer of poultry products. The Georgetown facility processes chickens for sale to the retail market.

The facility has reported since 1987. Perdue Georgetown reported on three TRI chemicals for 2013: nitrate compounds, hydrogen sulfide and polycyclic aromatic compounds (PACs). Perdue’s wastewater treatment plant digests ammonia and production waste from the poultry processing plant’s wastewater stream and converts some of these wastes to nitrate compounds, which are discharged into a local stream. Hydrogen sulfide is a byproduct from anaerobic treatment of the organic wastes in the wastewater and is released to air. PACs are a byproduct of burning Number 6 fuel oil as a back-up fuel source for the boilers. Natural gas is the primary fuel for the boilers.

These reported on-site release amounts have varied in recent years because of changes in plant operation and in the way the amount of nitrate compounds-released are estimated. Additional processing procedures beyond straight ice-packed shipping add additional organics to be treated. Therefore, product mix, processing and wastewater treatment plant operations, temperatures and other fluctuating factors affect the final release results (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

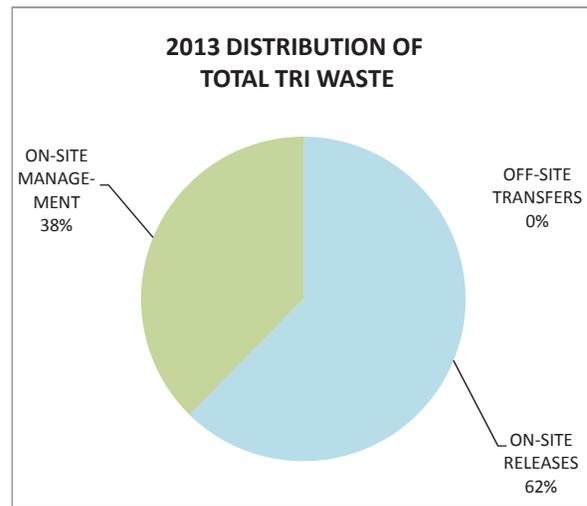
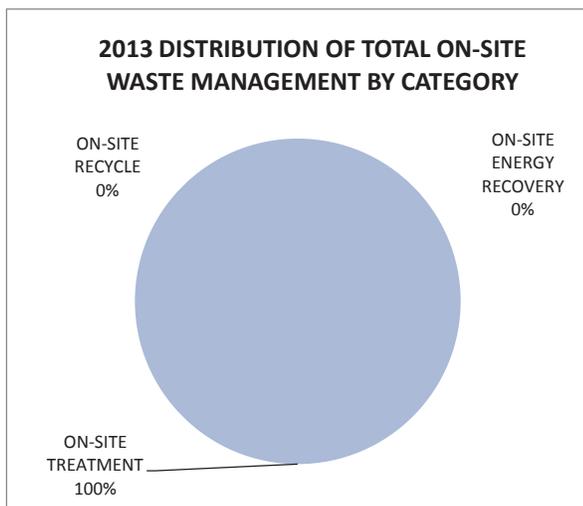
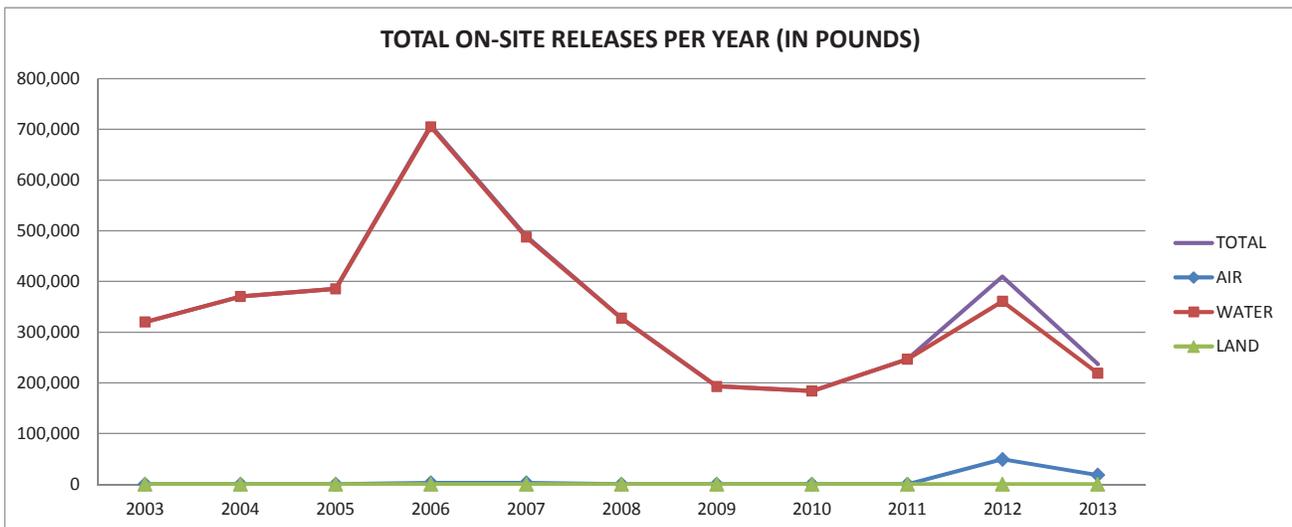
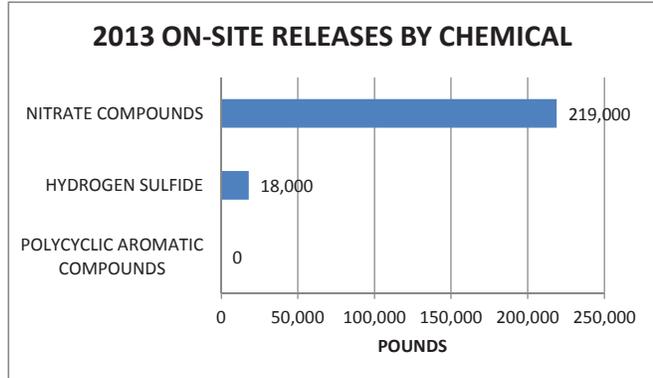
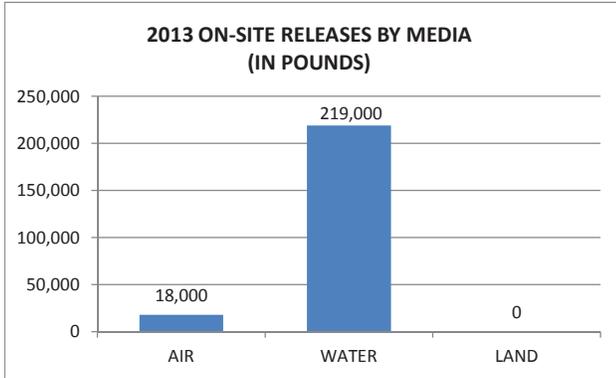
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
HYDROGEN SULFIDE	18,000	0	0	18,000	0	143,000	NO	NO
NITRATE COMPOUNDS	0	219,000	0	219,000	0	0	NO	NO
POLYCYCLIC AROMATIC COMPOUNDS	0	0	0	0	0	0	YES	YES
TOTAL	18,000	219,000	0	237,000	0	143,000		

TRI FACILITY PROFILES



PERDUE GEORGETOWN, CONT.

GRAPHICAL INFORMATION:

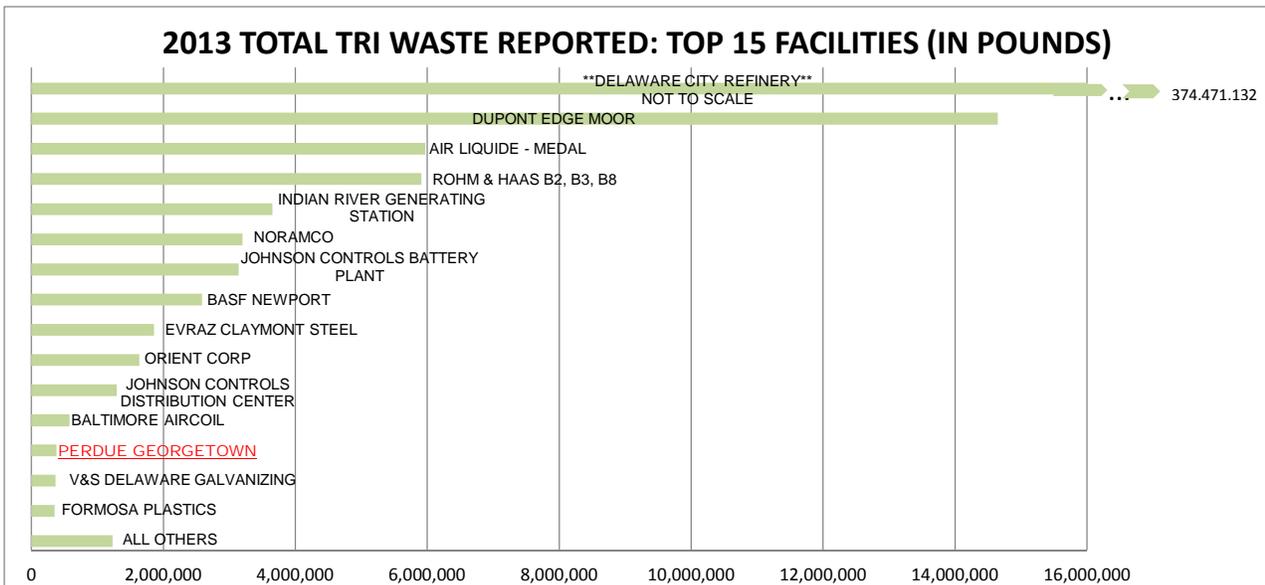
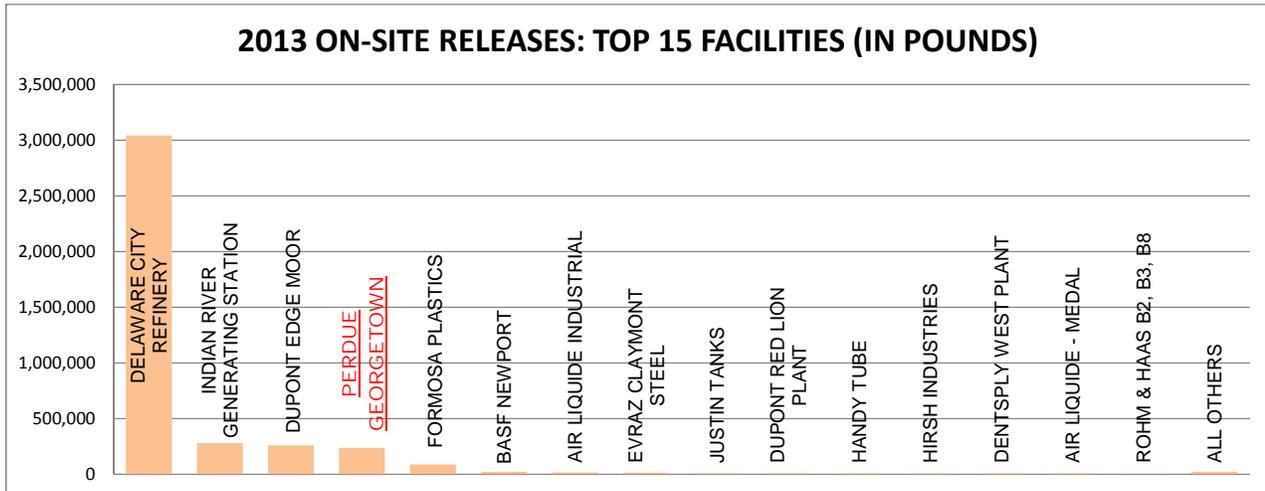




TRI FACILITY PROFILES

PERDUE GEORGETOWN, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Perdue Georgetown ranks 67th in on-site release of nitrate compounds by food/beverage facilities (NAICS 311) (out of 565 facilities).

Perdue Georgetown ranks 20th in the on-site treatment of hydrogen sulfide by food/beverage facilities (NAICS 311)

PERDUE MILFORD

LOCATION/CONTACT:

Address: 255 N. Rehoboth Blvd.
Milford, DE 19963

Phone: (410)-543-3166

Contact: Julie Deyoung



FACILITY OVERVIEW:

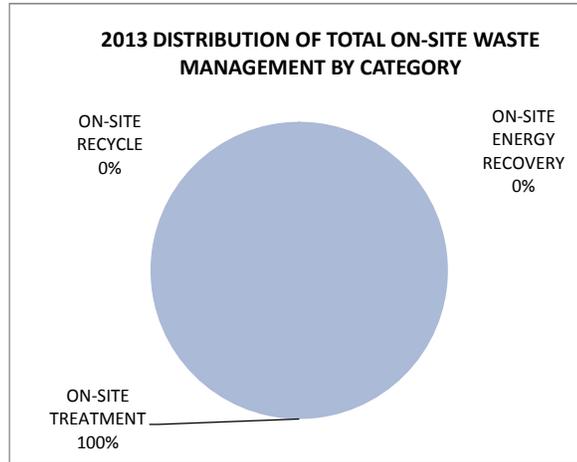
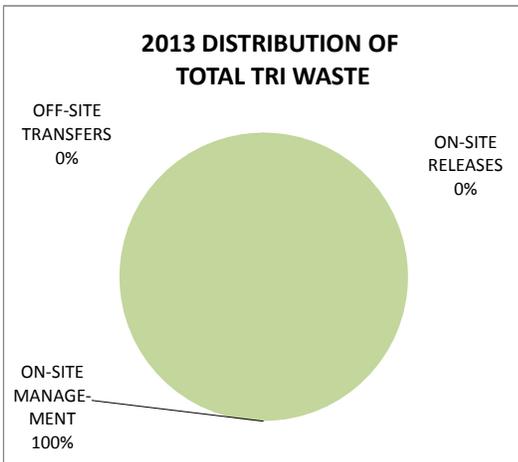
Perdue Farms is a producer of poultry products. The Milford facility processes chicken for sale to the retail market and is an organic certified plant.

Perdue Milford has reported since 1991, previously as ConAgra Broiler. From 1999 through 2006, the facility was below the reporting threshold and no TRI reports were filed. For 2013, the facility reported on one chemical, peracetic acid, which is completely managed on-site. Peracetic acid is found in a FDA-approved antimicrobial food treatment for pathogen reduction in poultry processing. The product is used in chilling and carcass washing equipment in the plant. According to the manufacturer, the product is environmentally responsible as it is compatible with water treatment systems and rapidly breaks down after use.

2013 TRI DATA (REPORTED IN POUNDS):

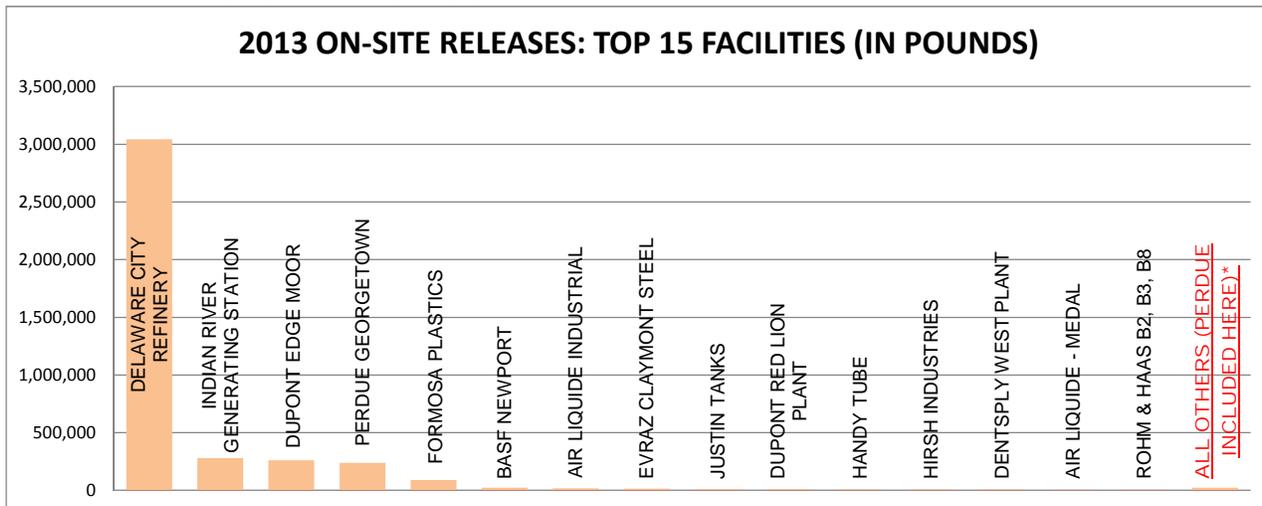
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
PERACETIC ACID	0	0	0	0	0	35,000	NO	NO
TOTAL	0	0	0	0	0	35,000		

GRAPHICAL INFORMATION:

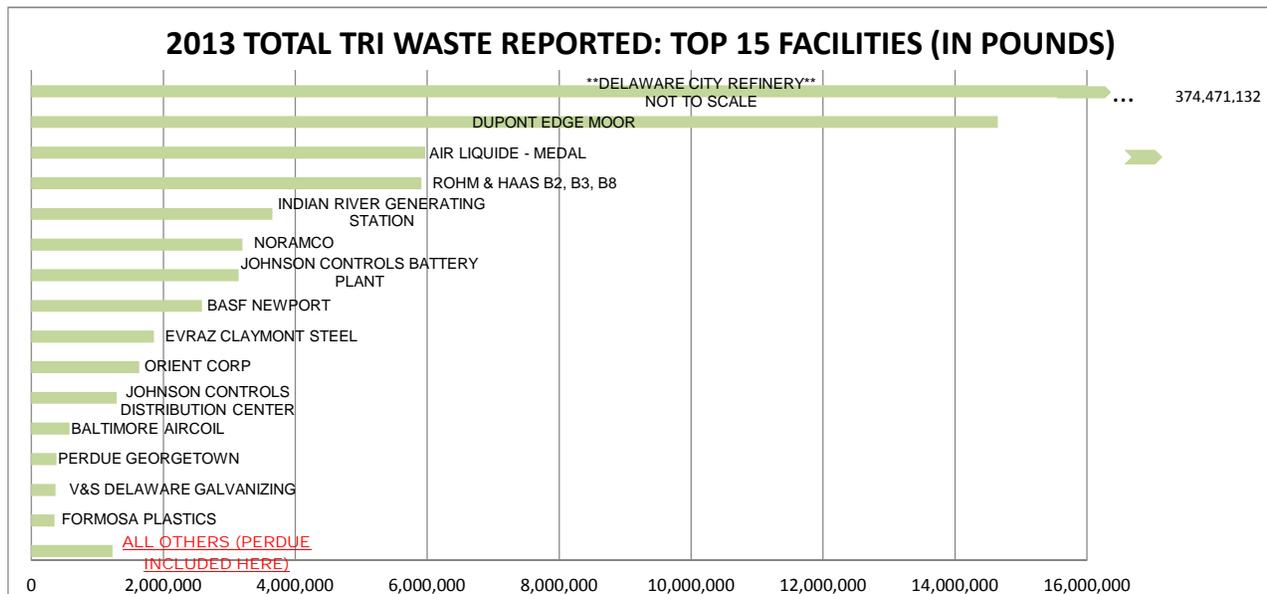


PERDUE MILFORD, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



*Perdue Milford ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.



NOTABLE 2013 NATIONAL RANKINGS:

Perdue Milford ranks 30th for on-site treatment of peracetic acid (out of 144 facilities).

PICTSWEET

LOCATION/CONTACT:

Address: 18215 Wesley Church Road
Bridgeville, DE 19933

Phone: (731)-663-7600

Contact: Allen Watts



FACILITY OVERVIEW:

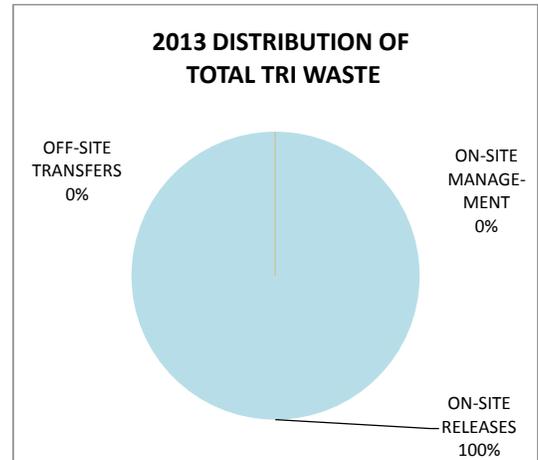
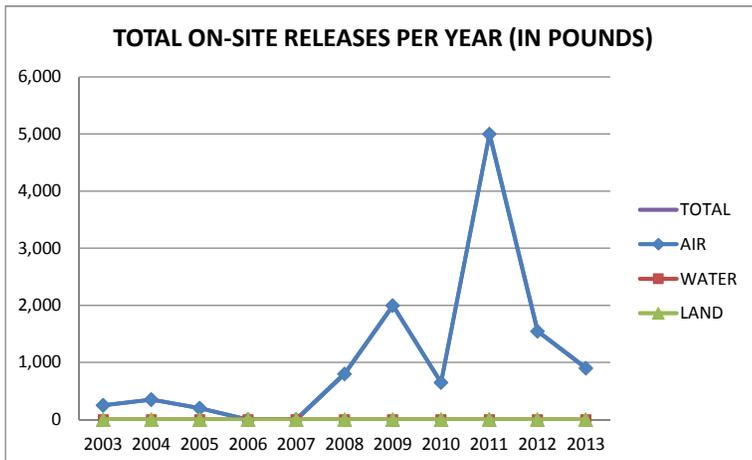
Pictsweet reports under the North American Industrial Classification System (NAICS) as 311411, which covers the manufacturing of frozen fruit, juice and vegetables.

The facility has reported since 1989, previously as Birds Eye Foods and Agrilink Foods. Pictsweet reported one TRI chemical in 2013, ammonia. Ammonia is used in refrigeration equipment, and releases are typical through normal service maintenance, leaks, and other losses that occur in the system. On-site release amounts of ammonia have varied year to year (see *Total On-site Releases Per Year Graph*).

2013 TRI DATA (REPORTED IN POUNDS):

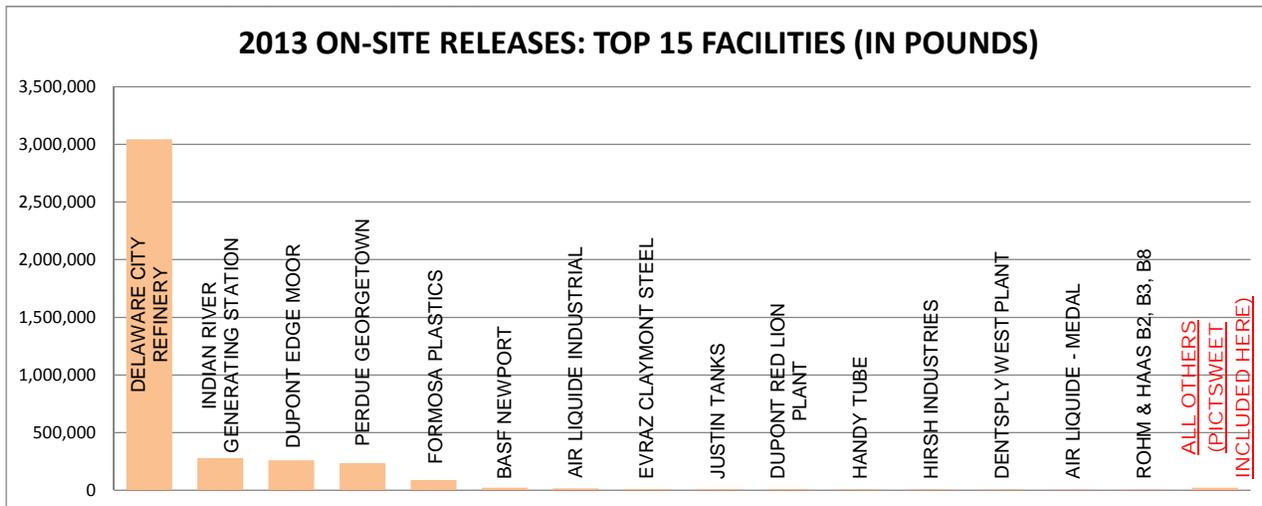
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
AMMONIA	900	0	0	900	0	0	NO	NO
TOTAL	900	0	0	900	0	0		

GRAPHICAL INFORMATION:



PICTSWEET, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



Pictsweet ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.

PPG INDUSTRIES

LOCATION/CONTACT:

Address: 1886 Lynnbury Woods Road
Dover, DE 19720

Phone: (302)-678-9800

Contact: Neal Nicastro



FACILITY OVERVIEW:

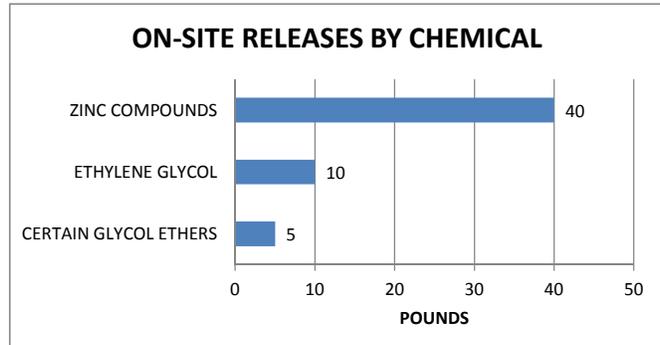
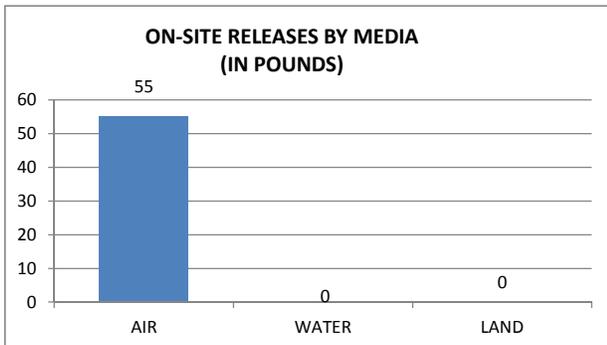
PPG Dover reported under the North American Industrial Classification System (NAICS) as 325510, which covers paint and coating manufacturing.

PPG Dover has reported since 1987. The facility reported on three chemicals in 2013, with on-site releases only to air. The chemicals reported are utilized as raw materials in the paint making process. The raw materials are mixed together to make architectural paint. On-site releases accounted for less than 1% of all waste activities in 2013. Releases for 2005 through 2008 and from 2010 and 2011 were higher than other years, with increased releases of zinc compounds on-site (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

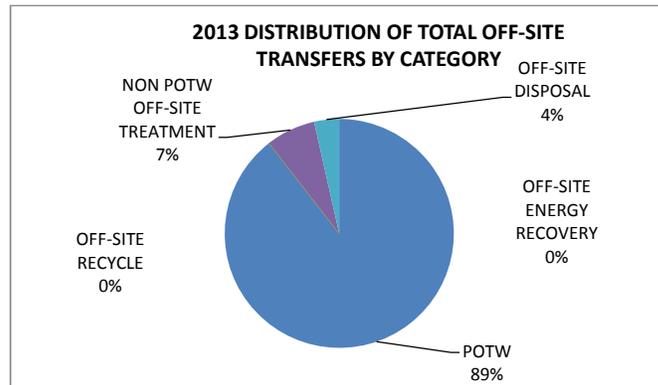
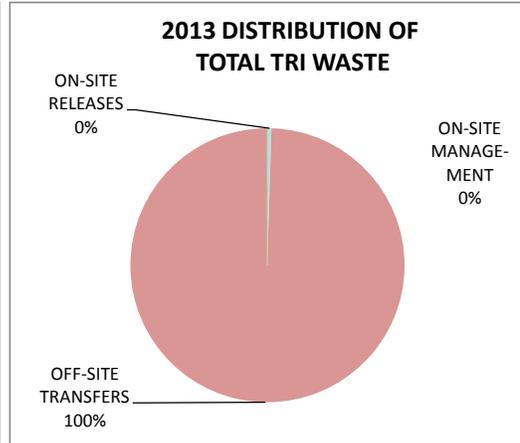
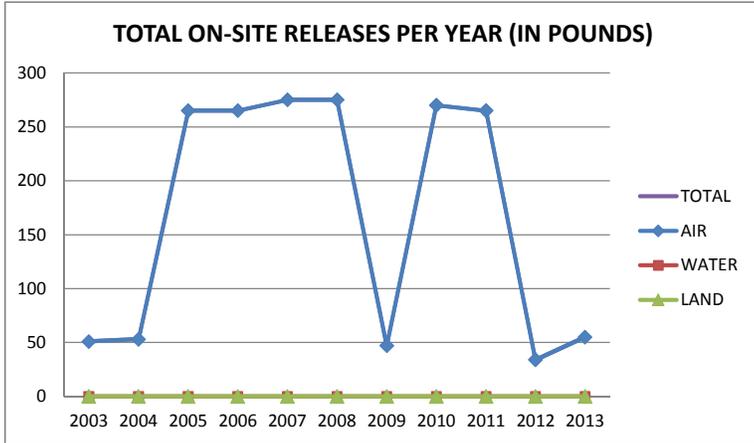
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CERTAIN GLYCOL ETHERS	5	0	0	5	5,139	0	NO	NO
ETHYLENE GLYCOL	10	0	0	10	1,932	0	NO	NO
ZINC COMPOUNDS	40	0	0	40	4,724	0	NO	NO
TOTAL	55	0	0	55	11,795	0		

GRAPHICAL INFORMATION:

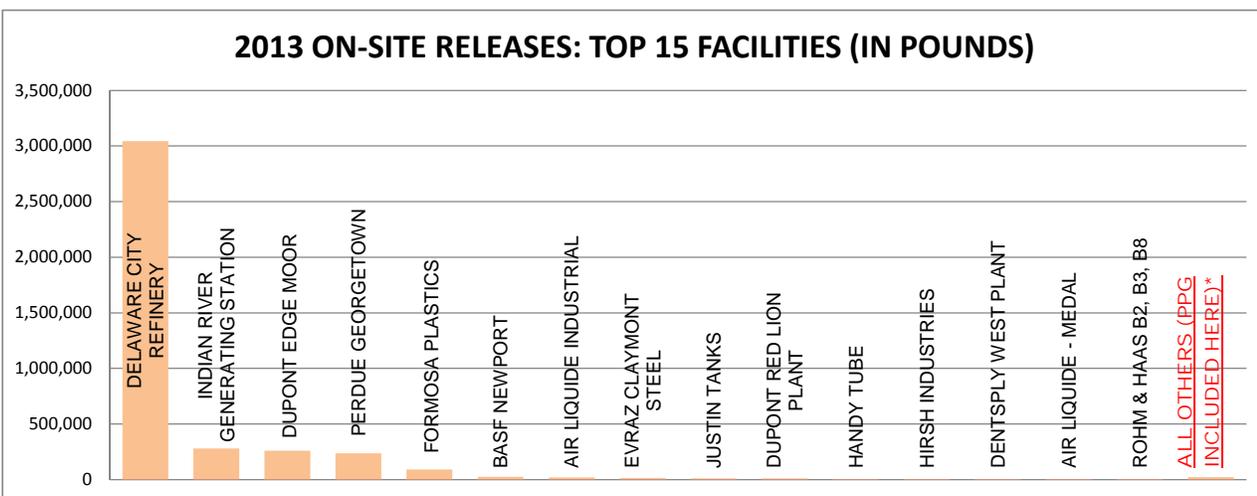


PPG INDUSTRIES, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



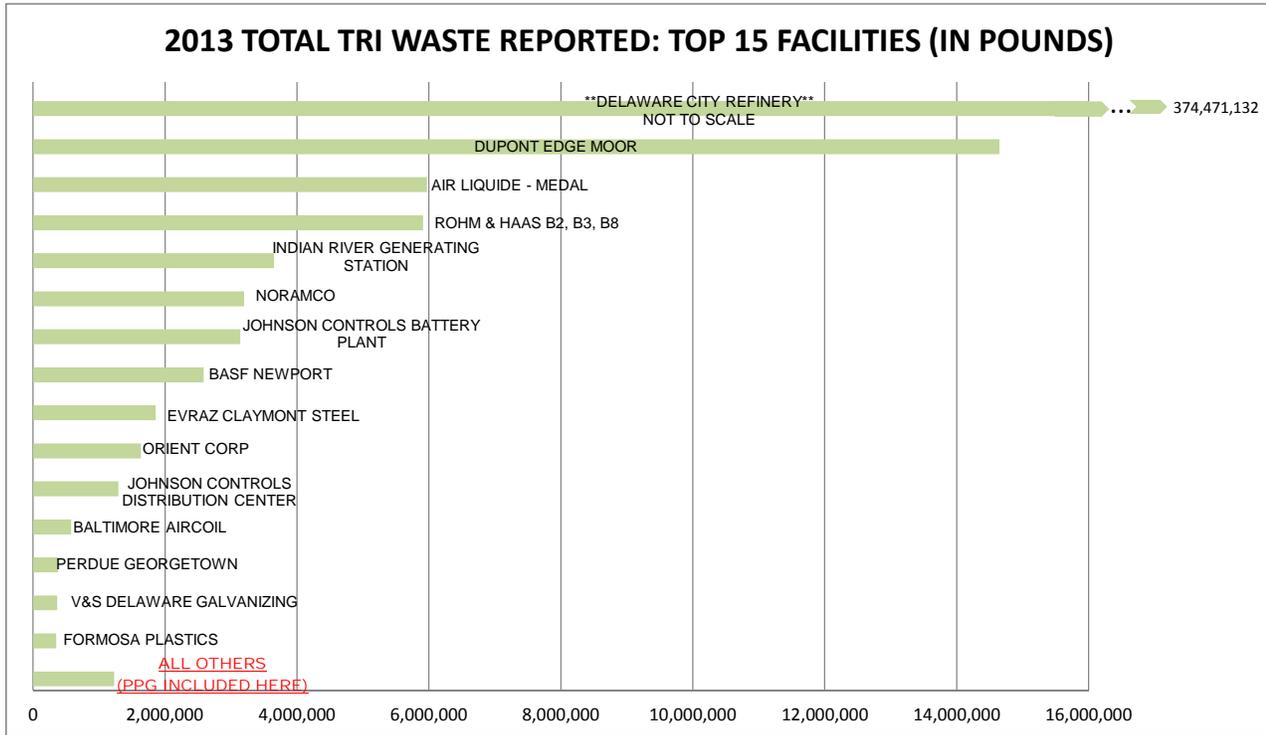
*PPG Industries ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site. Comparisons only include facilities reporting on Form R.



TRI FACILITY PROFILES

PPG INDUSTRIES, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES CONT.:



NOTABLE 2013 NATIONAL RANKINGS:

PPG Industries ranks 19th in the off-site transfer of certain glycol ethers to publicly owned treatment works (POTW) for chemical facilities (NAICS 325) (out of 653 facilities).

PRINCE MINERALS

LOCATION/CONTACT:

Address: 301 Pigeon Point Road
New Castle, DE 19720

Phone: (646)-747-4176

Contact: Mary Simpler



FACILITY OVERVIEW:

Prince Minerals is a supplier of colorants and additives to the North American brick industry as well as complementary products to serve the foundry, glass, and refractory markets.

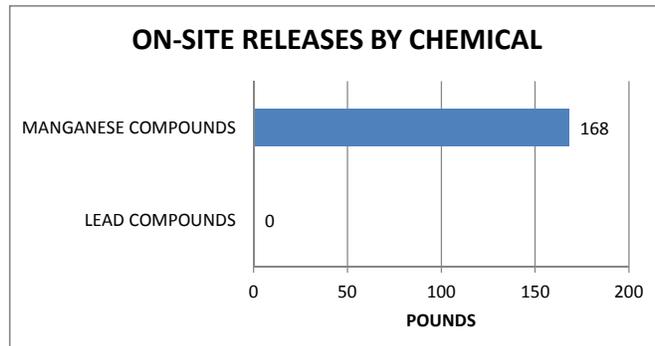
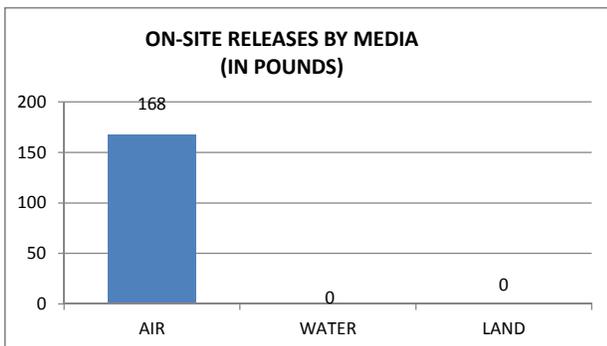
Prince Minerals has reported since 1998, previously as American Minerals. The facility reported on 4 chemicals in 2013, all metal compounds, with on-site releases only to air. Two chemicals reported were submitted on Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) Persistent Bio-Accumulative Toxic (PBT) Chemicals, such as lead, are ineligible for Form A.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
BARIUM COMPOUNDS*	0	0	0	0	0	0	NO	NO
LEAD COMPOUNDS	0	0	0	0	0	0	YES	YES
MANGANESE COMPOUNDS	168	0	0	168	0	0	NO	NO
NICKEL COMPOUNDS*	0	0	0	0	0	0	NO	YES
TOTAL	168	0	0	168	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

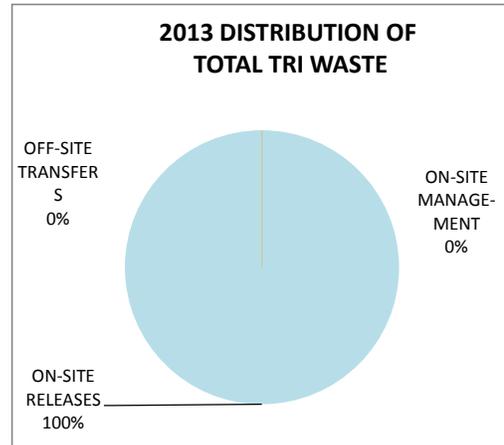
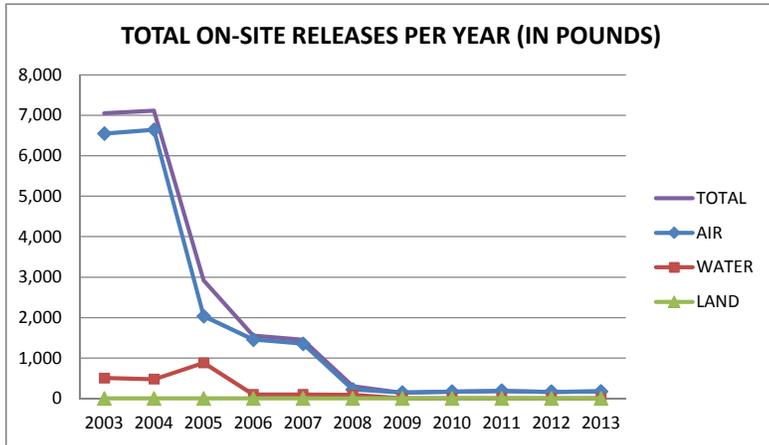


TRI FACILITY PROFILES

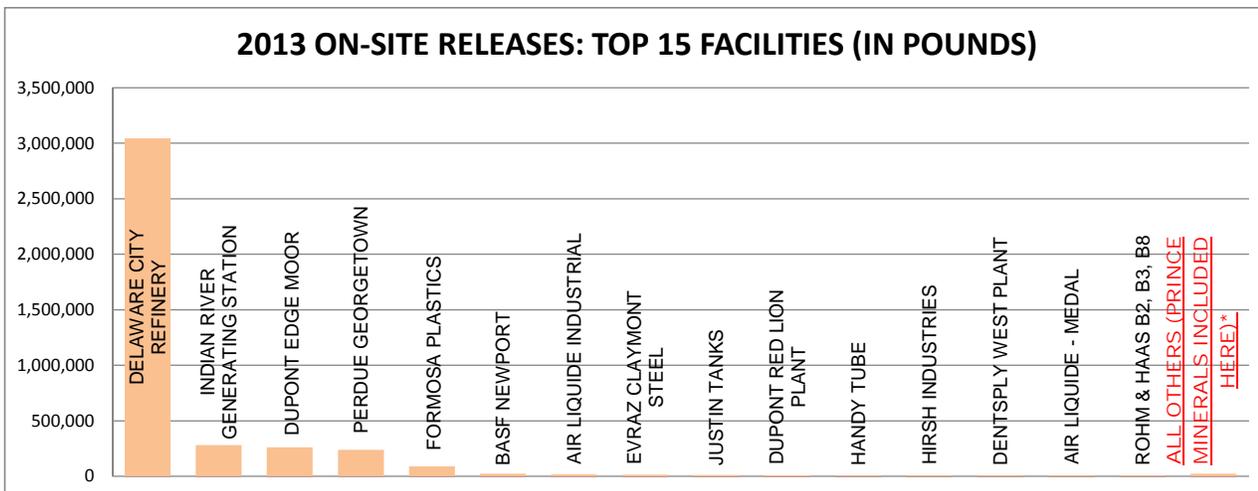


PRINCE MINERALS, CONT.

GRAPHICAL INFORMATION CONT.:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:



*Prince Minerals ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.



TRI FACILITY PROFILES

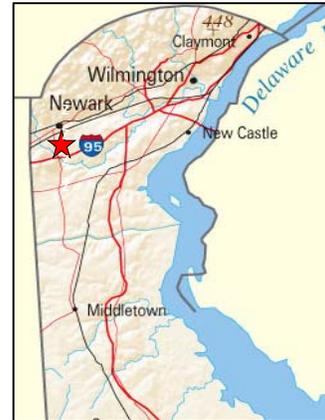
ROHM & HAAS B2, B3, B8

LOCATION/CONTACT:

Address: 451 Bellevue Road
Newark, DE 19713

Phone: (302)-366-0500

Contact: Kelly Block



FACILITY OVERVIEW:

Rohm & Haas (Buildings 2, 3, and 8) manufactures polishing pads and slurries for the semiconductor, electronics, and glass industries.

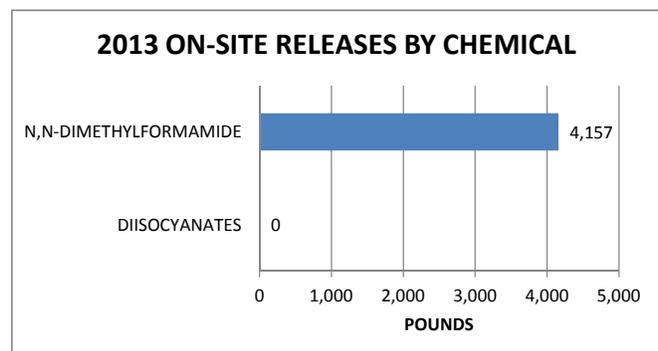
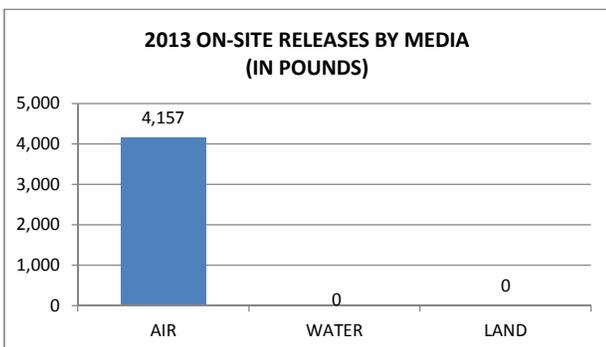
The facility has reported since 1987, previously as Rodel. Rohm and Haas reported on two TRI chemicals for 2013. N,N-Dimethylformamide (DMF), is used as a solvent carrier in the polishing pad manufacturing process and accounted for virtually all of their on-site releases. Releases of DMF mostly occur through evaporation from the poromerics coating and washing process. The majority of the DMF used is recycled in the distillation equipment for reuse in the process. All on-site releases of DMF were to air, and were primarily stack emissions from the scrubber and oxidizer used to control process emissions.

Methyl ethyl ketone was removed from the reportable TRI chemical list in 2004, which resulted in a significant reduction of the on-site releases reported by Rohm & Haas (see *Total On-site Releases Per Year Graph* on the next page).

2013 TRI DATA (REPORTED IN POUNDS):

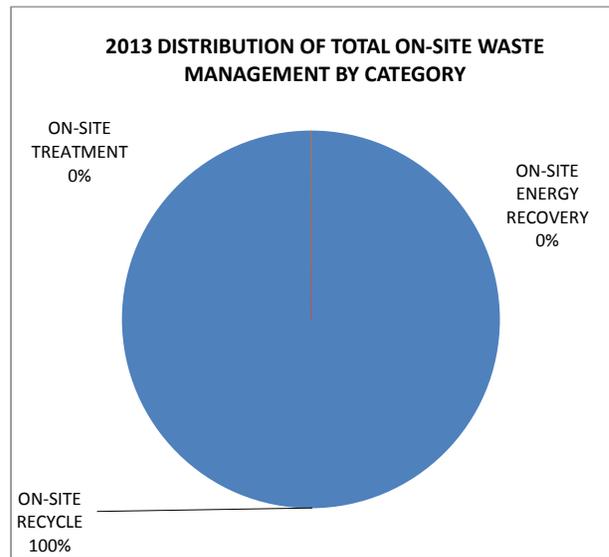
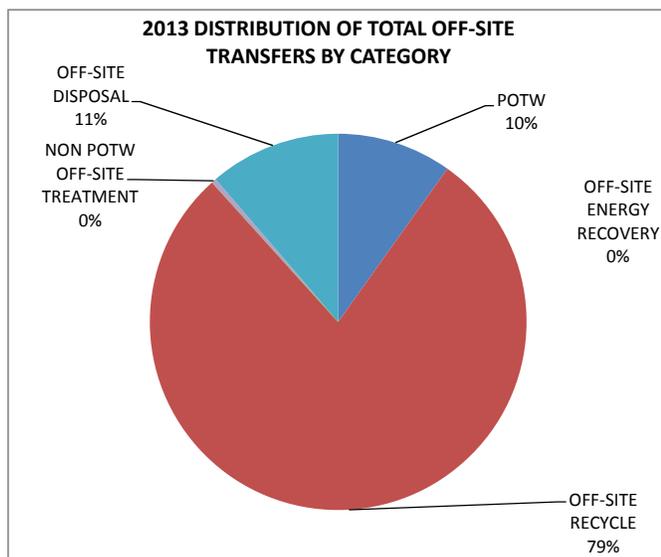
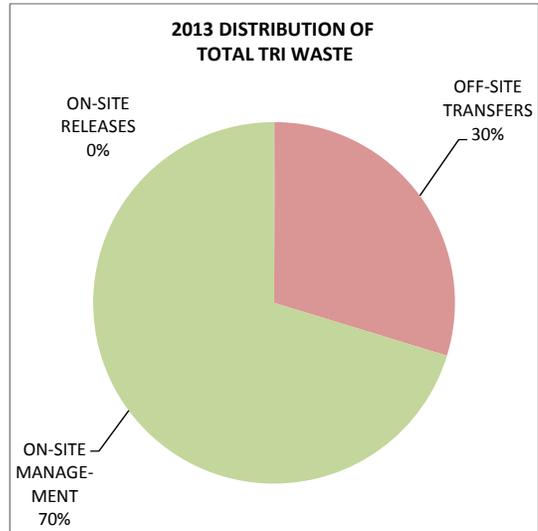
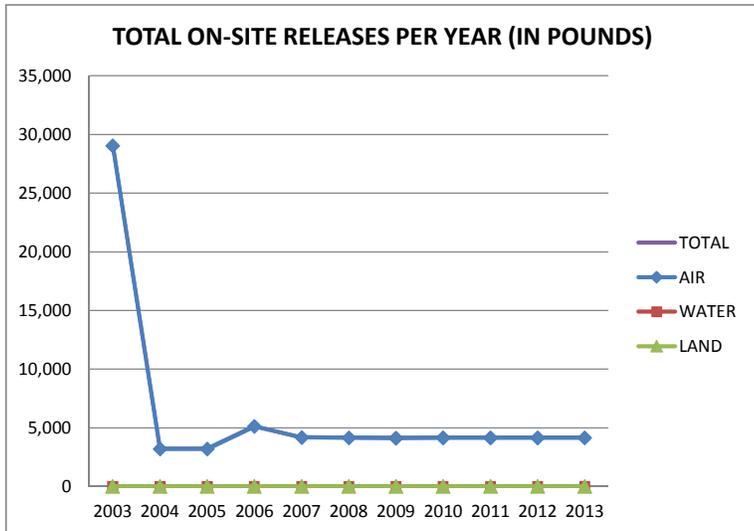
CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
DIISOCYANATES	0	0	0	0	6,910	0	NO	NO
N,N-DIMETHYLFORMAMIDE	4,157	0	0	4,157	1,695,946	4,036,715	NO	NO
TOTAL	4,157	0	0	4,157	1,702,856	4,036,715		

GRAPHICAL INFORMATION:



ROHM & HAAS B2, B3, B8, CONT.

GRAPHICAL INFORMATION:

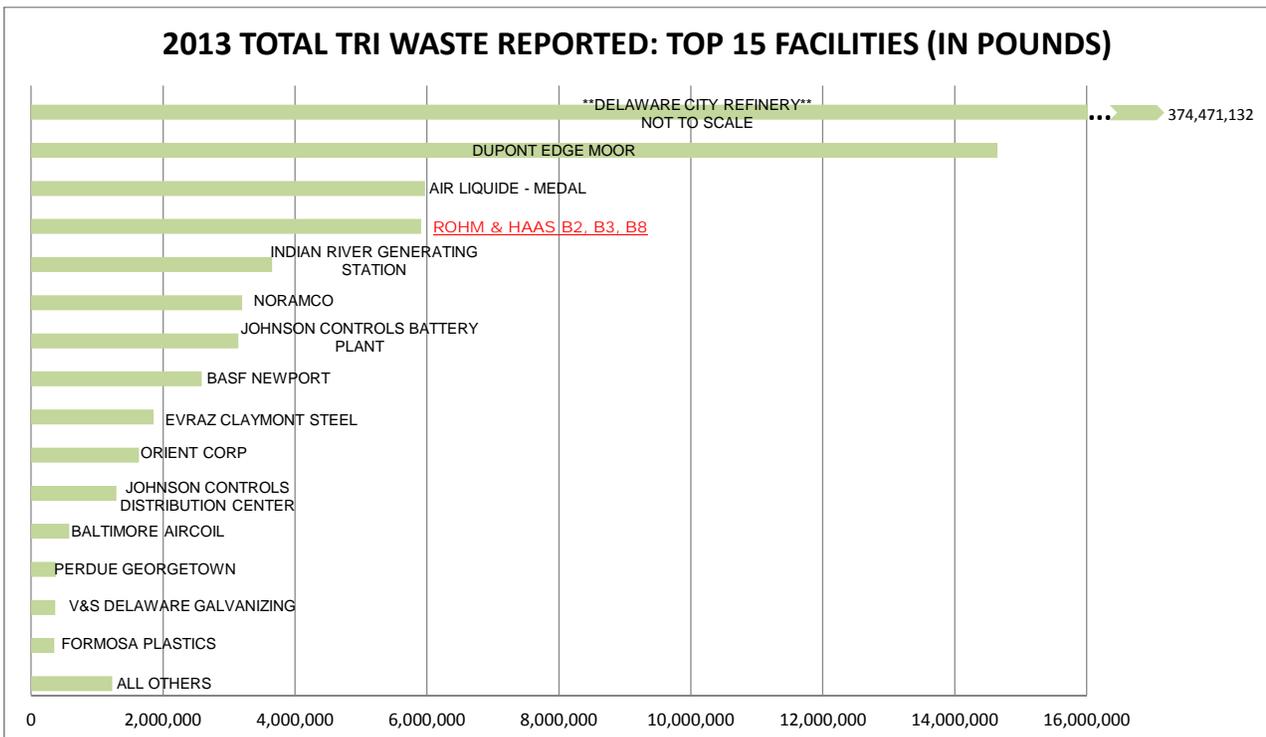
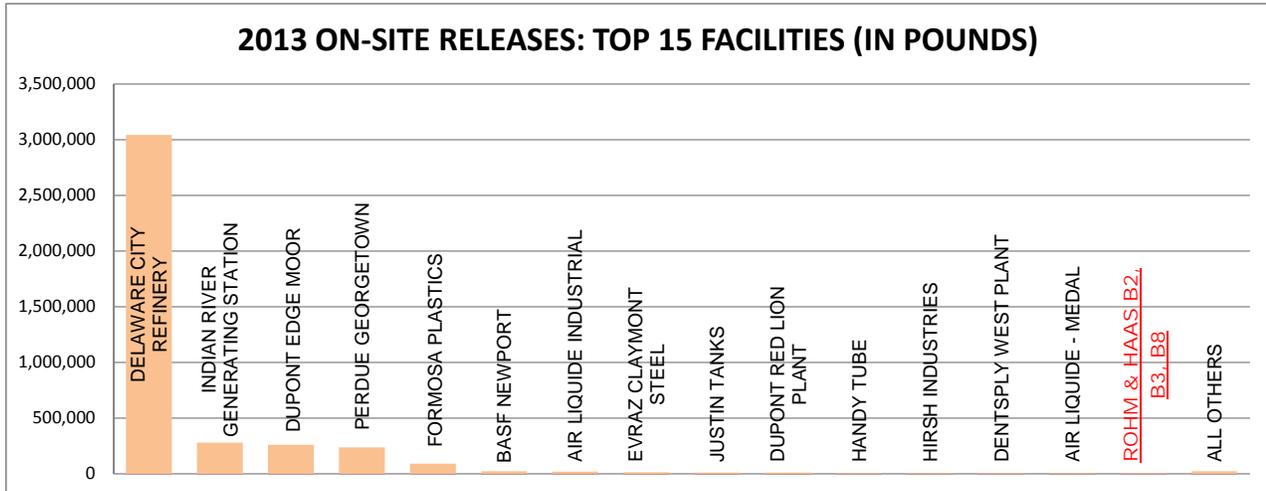




TRI FACILITY PROFILES

ROHM & HAAS B2, B3, B8, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Rohm & Haas ranks 3rd for off-site transfers of n,n-dimethylformamide (out of 154 facilities).

Rohm & Haas ranks 1st for on-site recycling of n,n-dimethylformamide (out of 154 facilities).

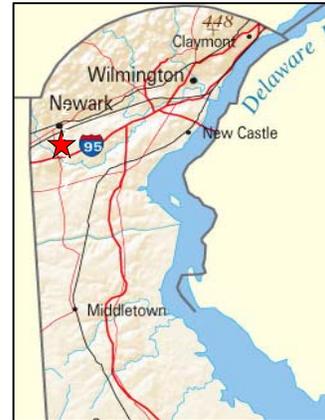
ROHM & HAAS-B5, B6

LOCATION/CONTACT:

Address: 351 Bellevue Road
Newark, DE 19713

Phone: (302)-366-0500

Contact: Kelly Block



FACILITY OVERVIEW:

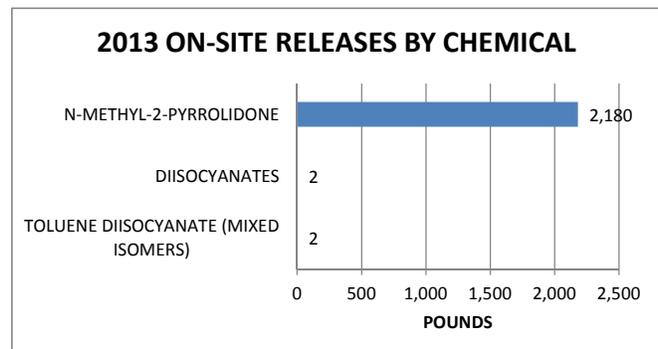
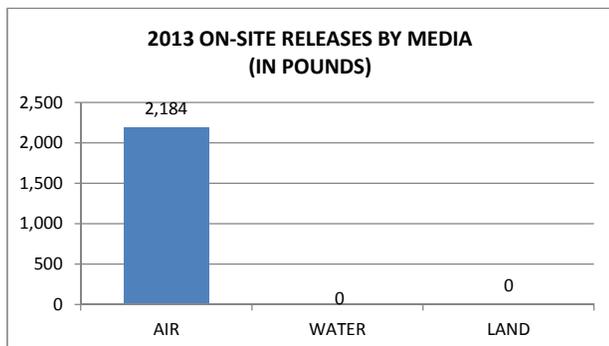
Rohm and Haas (Buildings 5 and 6) manufacture products used to polish electronic chips used in items such as mobile phones and computers. Rohm and Haas B5-B6 has reported since 1995, formerly as the Rodel Technical Center. For 2013, the facility reported 4 chemicals, with n-methyl-2-pyrrolidone (NMP) accounting for 99% of all on-site releases. NMP is utilized in cleaning equipment used in manufacturing. The majority of NMP is managed off-site with less than 3% being released on-site to air.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
4,4'-METHYLENEBIS(2-CHLOROANILINE)*	0	0	0	0	1,507	0	NO	YES
DIISOCYANATES	2	0	0	2	22,612	0	NO	NO
N-METHYL-2-PYRROLIDONE	2,180	0	0	2,180	81,405	0	NO	NO
TOLUENE DIISOCYANATE (MIXED ISOMERS)	2	0	0	2	825	4,599	NO	YES
TOTAL	2,184	0	0	2,184	106,349	4,599		

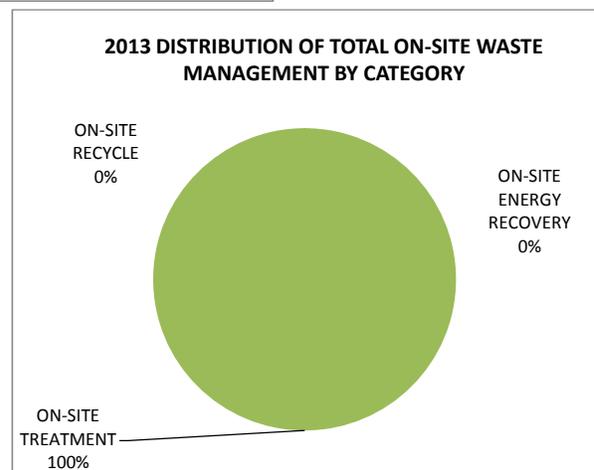
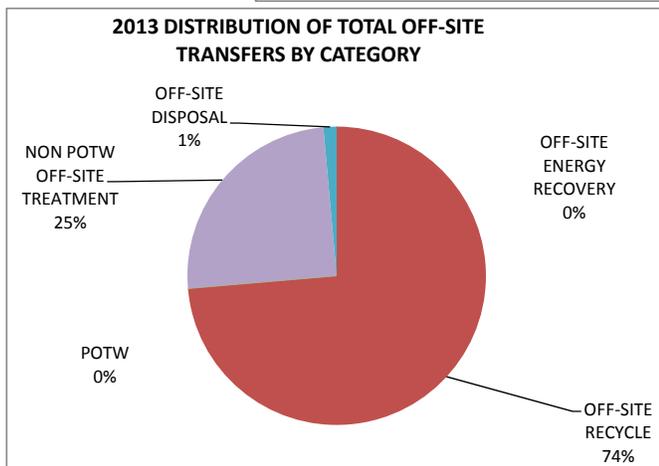
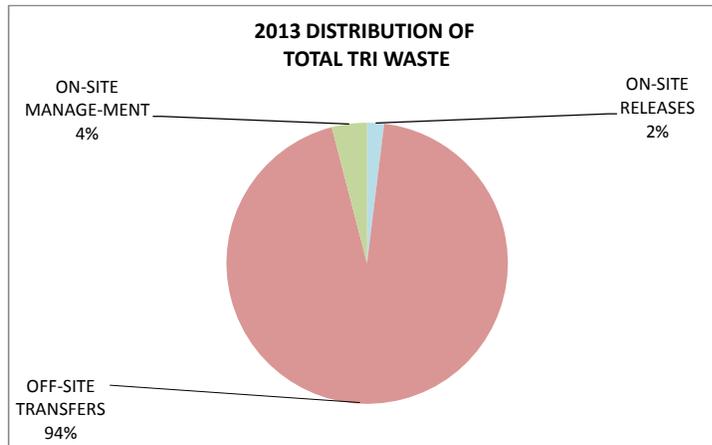
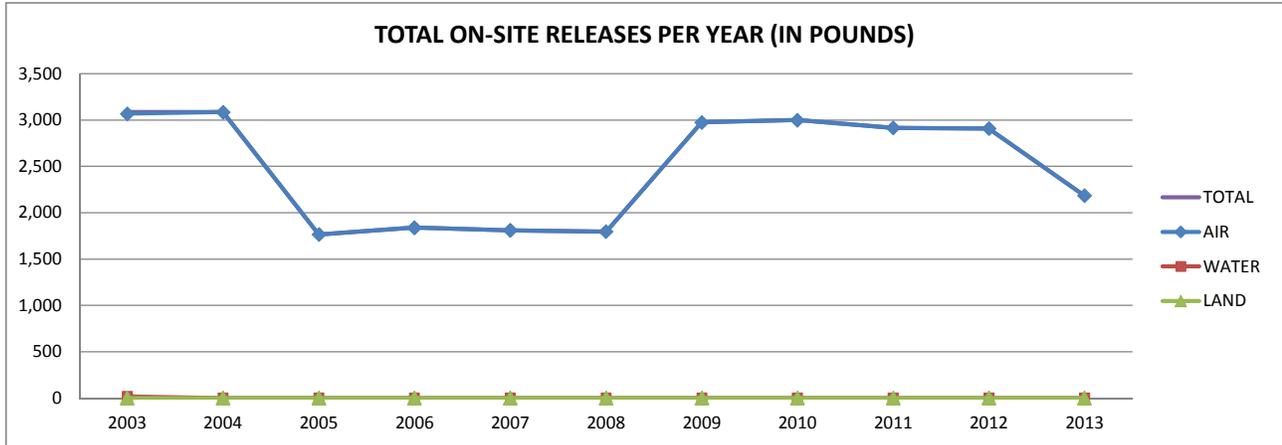
*Reported on Short Form A

GRAPHICAL INFORMATION:



ROHM & HAAS-B5, B6 CONT.

GRAPHICAL INFORMATION:

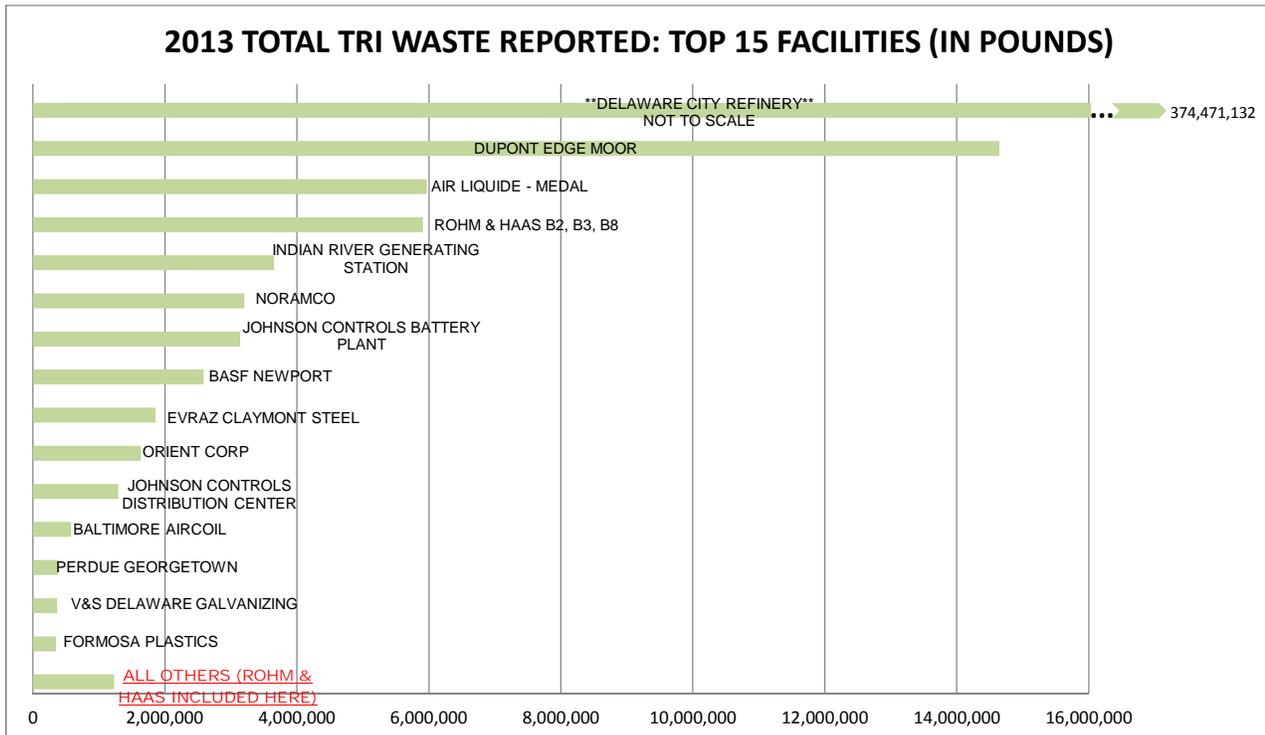
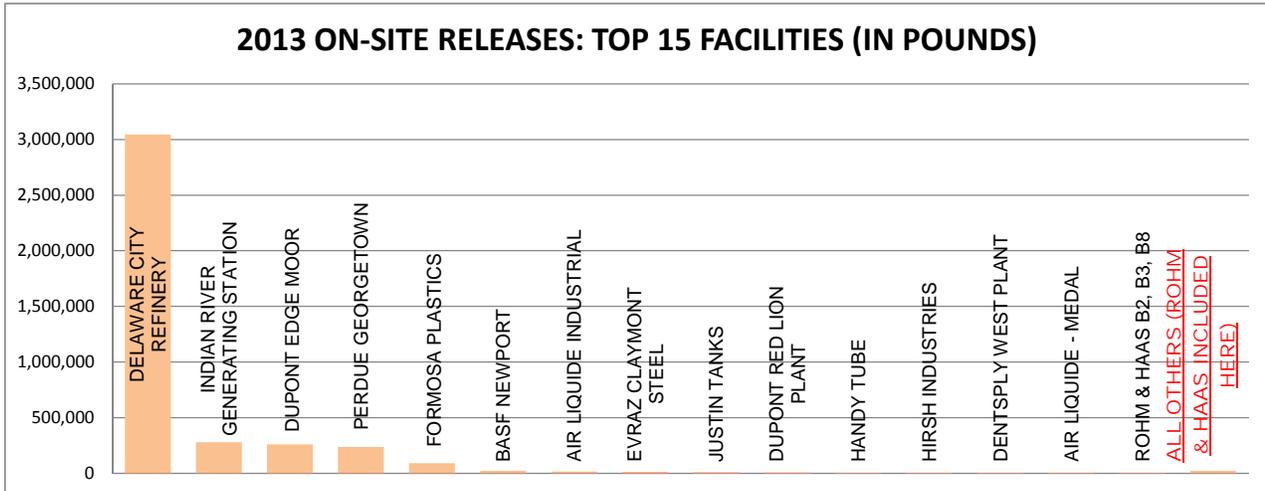




TRI FACILITY PROFILES

ROHM & HAAS-B5, B6 CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Rohm & Haas ranks 88th for on-site releases of n-methyl-2-pyrrolidone (out of 385 facilities).

Rohm & Haas ranks 66th for off-site transfers of n-methyl-2-pyrrolidone (out of 385 facilities).



TRI FACILITY PROFILES

ROHM & HAAS-B7, B15

LOCATION/CONTACT:

Address: 50 Bellevue Road
Newark, DE 19713

Phone: (302)-366-0500

Contact: Kelly Block



FACILITY OVERVIEW:

Rohm and Haas (Buildings 7 and 15) manufacture products used to polish electronic chips used in items such as mobile phones and computers. Rohm and Haas (Buildings 7 and 15) has reported since 2005, formerly as the Rodel Building 7. For 2013, the facility reported 2 chemicals, n-methyl-2-pyrrolidone (NMP) and 4,4'-methylenebis(2-chloroaniline). NMP is used as a cleaning agent. 4,4'-methylenebis(2-chloroaniline) is reported on short form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

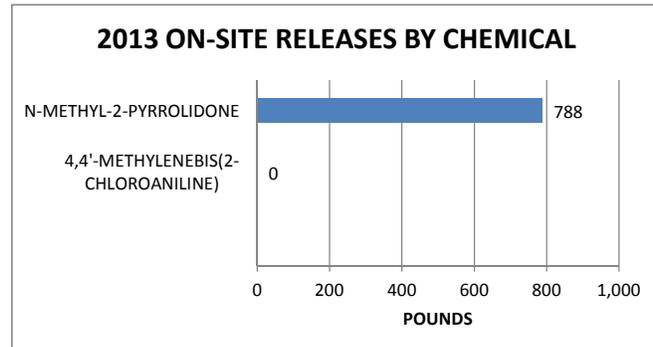
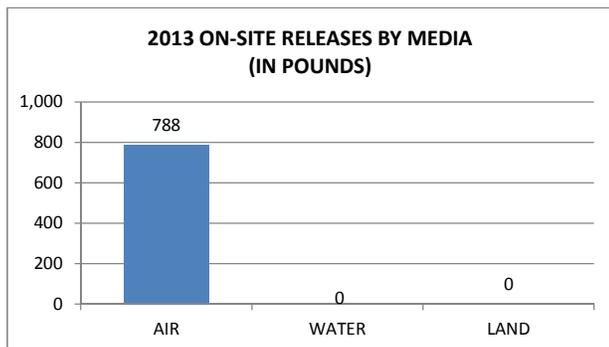
On-site releases for 2013 were down 72% compared to 2012. Analysis of past years reporting indicated that the site was double reporting cleaning bath emissions in the building 7 TRI report and the building 5 TRI report. This was corrected in the 2013 report, causing reported on-site air releases to drop significantly.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
4,4'-METHYLENEBIS(2-CHLOROANILINE)*	0	0	0	0	0	0	NO	YES
N-METHYL-2-PYRROLIDONE	788	0	0	788	11,747	0	NO	NO
TOTAL	788	0	0	788	11,747	0		

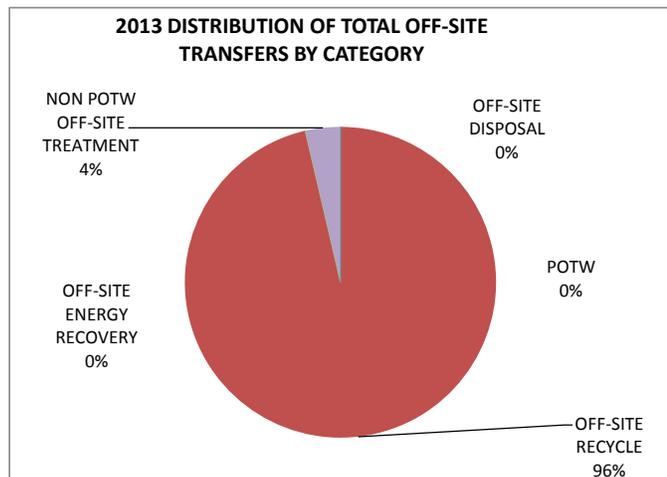
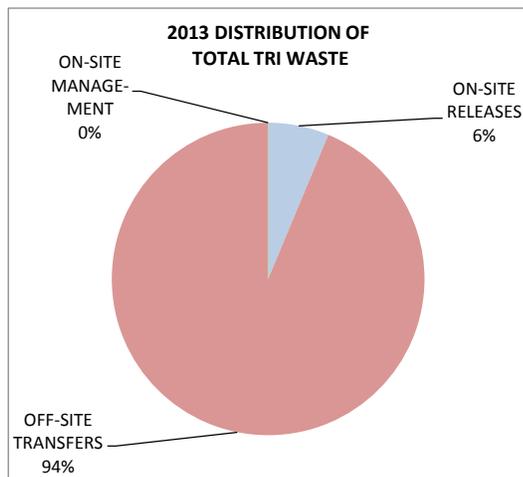
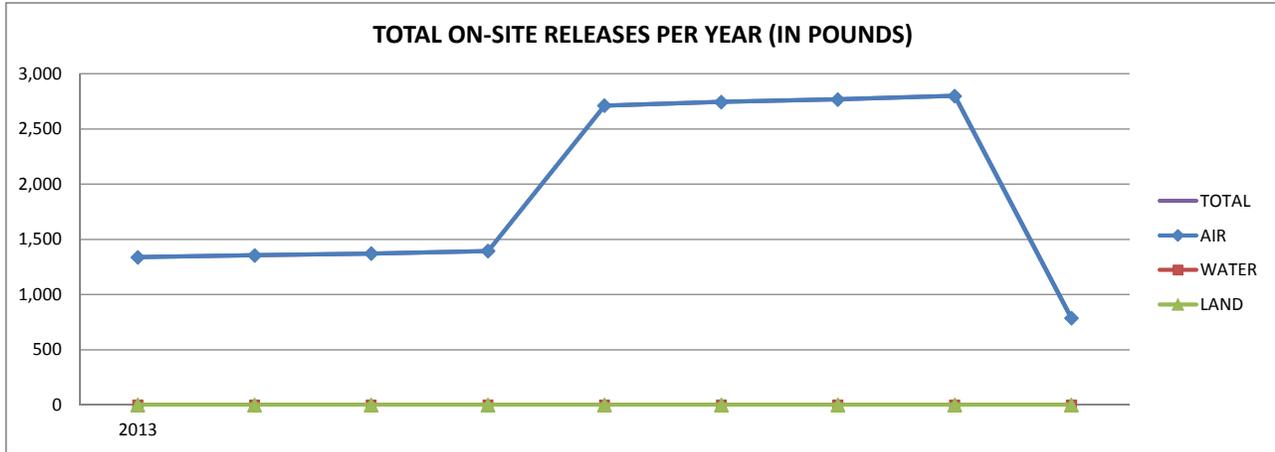
*Reported on Short Form A

GRAPHICAL INFORMATION:



ROHM & HAAS-B7, B15, CONT.

GRAPHICAL INFORMATION:

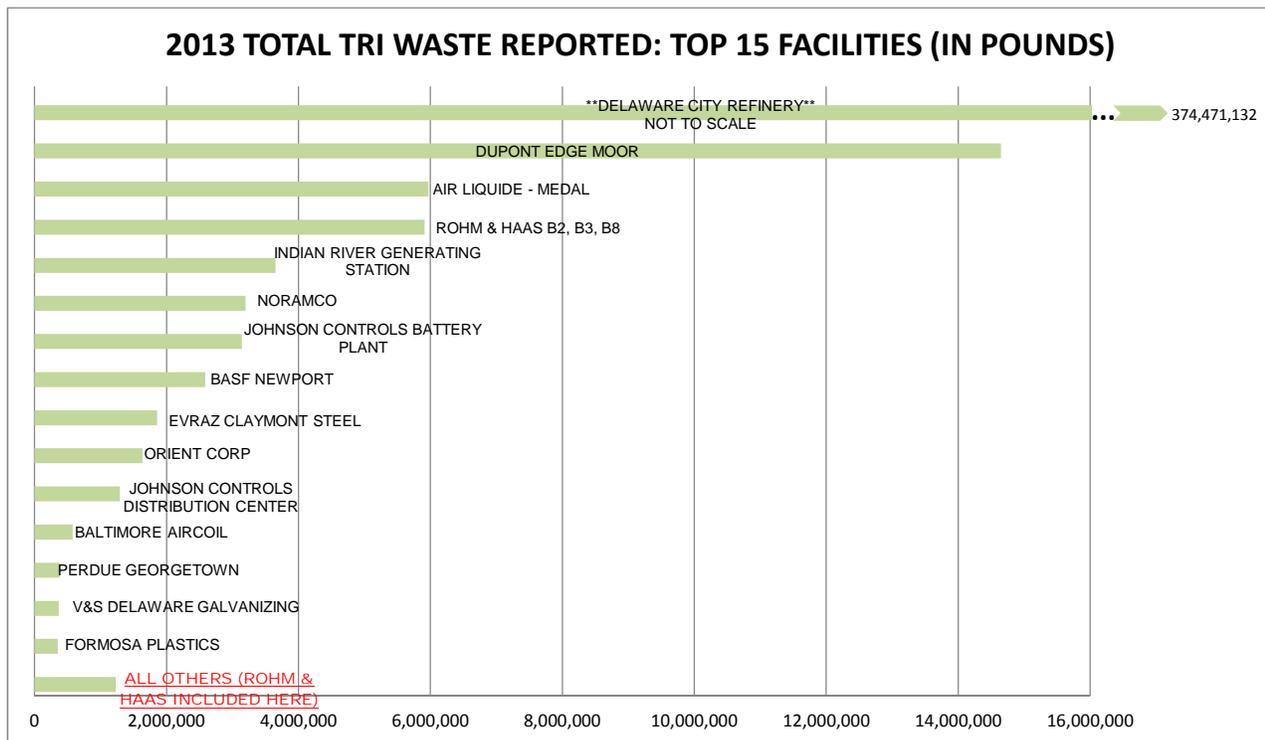
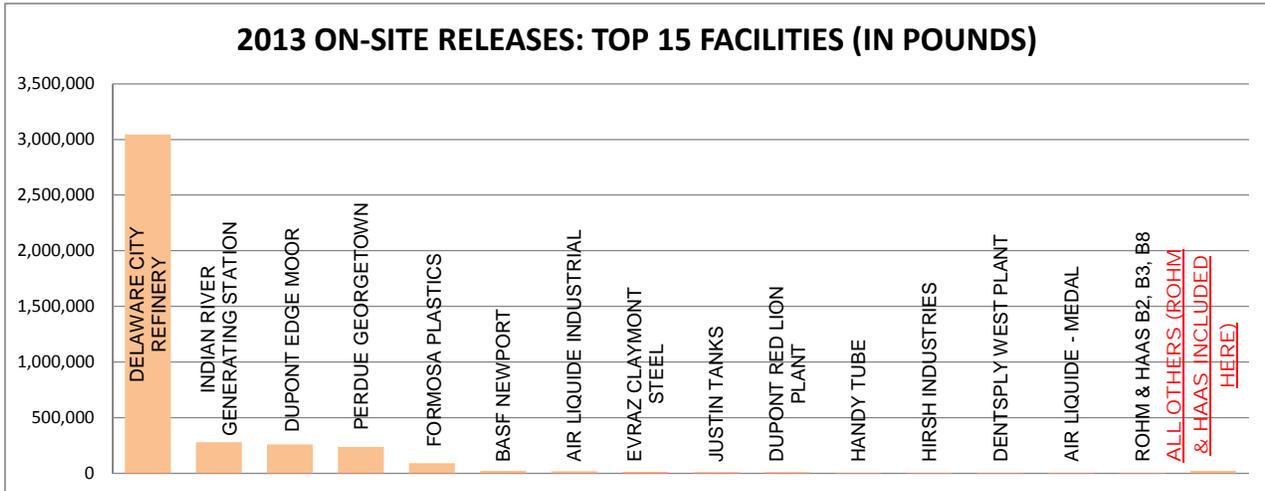




TRI FACILITY PROFILES

ROHM & HAAS-B7, B15, CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

Rohm & Haas ranks 63rd for off-site recycling of n-methyl-2-pyrrolidone (out of 385 facilities).



TRI FACILITY PROFILES

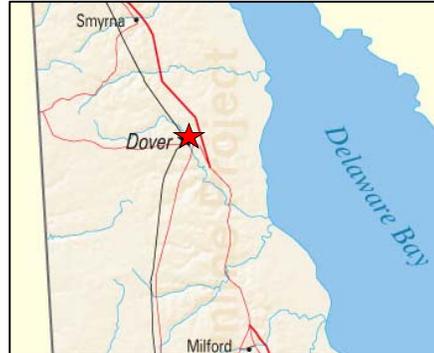
SERVICE ENERGY DOVER

LOCATION/CONTACT:

Address: 3799 N Dupont Highway
Dover, DE 19901

Phone: (302)-734-7433

Contact: Don Steiner



FACILITY OVERVIEW:

Service Energy reported under the North American Industrial Classification System (NAICS) as 424710, which covers bulk liquid storage facilities primarily engaged in merchant wholesale of crude petroleum and petroleum products.

Service Energy Dover has reported since 1998. The facility reported on two chemicals in 2013, 1,2,4-trimethylbenze and toluene, both on the short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs. of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 lbs. to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
1,2,4-TRIMETHYLBENZENE*	0	0	0	0	0	0	NO	NO
TOLUENE*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.



FACILITY INFORMATION SHEETS

SPI PHARMA

LOCATION/CONTACT:

Address: 40 Cape Henlopen Drive
Lewes, DE 19958

Phone: (302)-576-8532

Contact: Paul Lopresto



FACILITY OVERVIEW:

SPI Pharma reported under the North American Industrial Classification System (NAICS) as 325412, which covers pharmaceutical manufacturing.

SPI Pharma has reported since 1987, previously as Barcroft. The facility reported on two chemicals in 2013, chlorine and nitric acid, both on short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.)

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
CHLORINE*	0	0	0	0	0	0	NO	NO
NITRIC ACID*	0	0	0	0	0	0	NO	NO
TOTAL	0	0	0	0	0	0		

*Reported on short Form A

GRAPHICAL INFORMATION:

TRI reports for this facility were submitted on Short Form A. No on-site releases, off-site transfers, or on-site waste management activities are reported. Total reportable waste activities for this facility do not exceed 500 pounds per chemical reported.

V & S GALVANIZING

LOCATION/CONTACT:

Address: 511 Carroll Drive
New Castle, DE 19720

Phone: (302) 322-1420

Contact: Johnny Roibu



FACILITY OVERVIEW:

V&S Galvanizing reported under the North American Industrial Classification System (NAICS) as 332812, which covers metal coating, engraving, and allied services to manufactures.

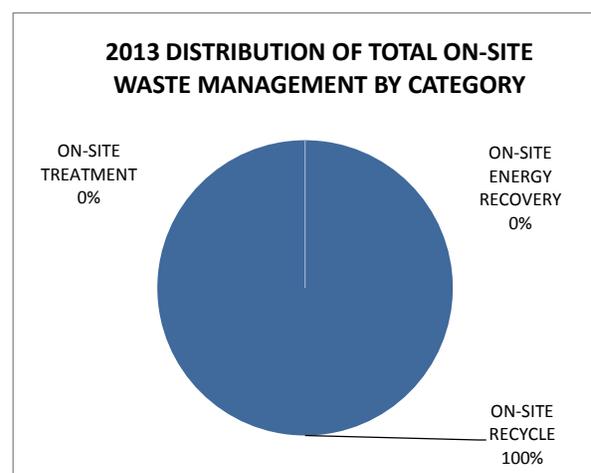
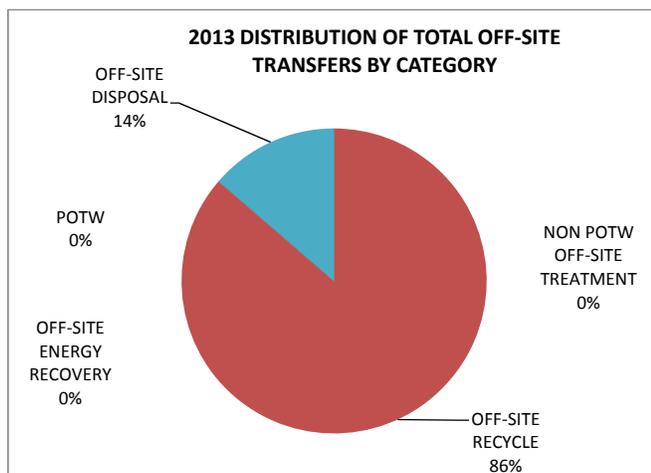
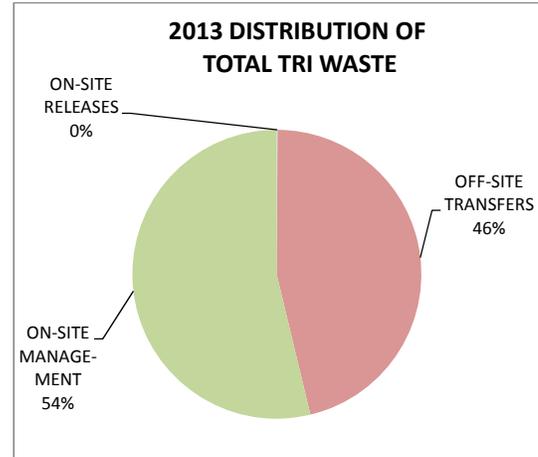
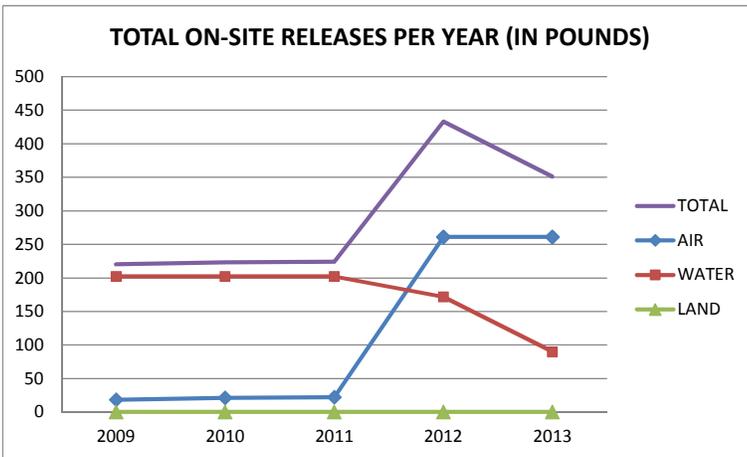
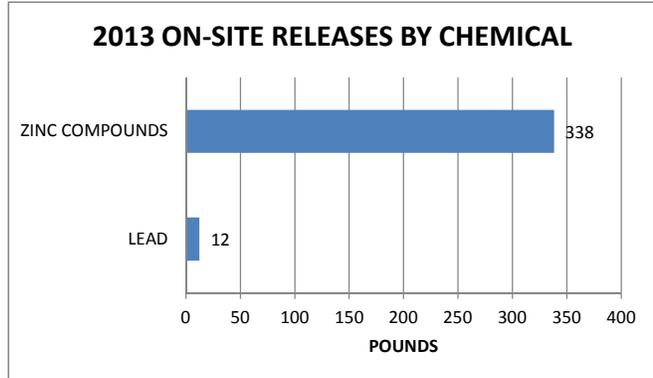
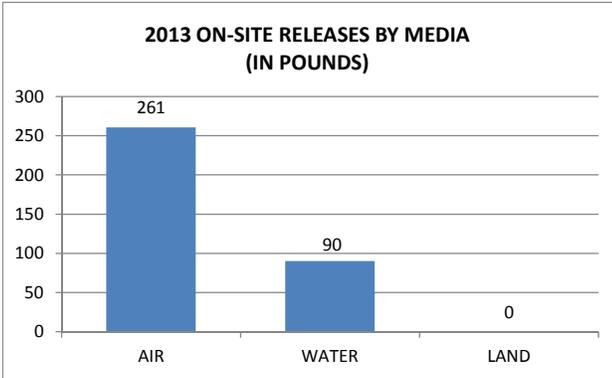
V&S Galvanizing has reported since 2009. The facility reported on two chemicals in 2013 (lead compounds and zinc compounds), with on-site releases to both air and water. The chemicals are that reported are found in the hot dip galvanizing process and coating. Stormwater data was also revised as more became available, combined with differences in annual precipitation for the various years. This resulted in reduced amount reported in stormwater for the last two reporting years. Between reporting years 2011 and 2012, V&S Delaware Galvanizing took a more comprehensive look at air concentration data available and revised their method of calculation to include the most conservative data. On-site releases have increased by 59% compared to 2009, but make up less than 0.01% of all waste management activities. The result increase in releases reported was due to a change in calculations and release assumptions based on more readily available data.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD	6	7	0	12	4,660	1,669	YES	YES
ZINC COMPOUNDS	255	83	0	338	165,044	195,847	NO	NO
TOTAL	261	90	0	351	169,704	197,516		

V & S GALVANIZING, CONT.

GRAPHICAL INFORMATION:

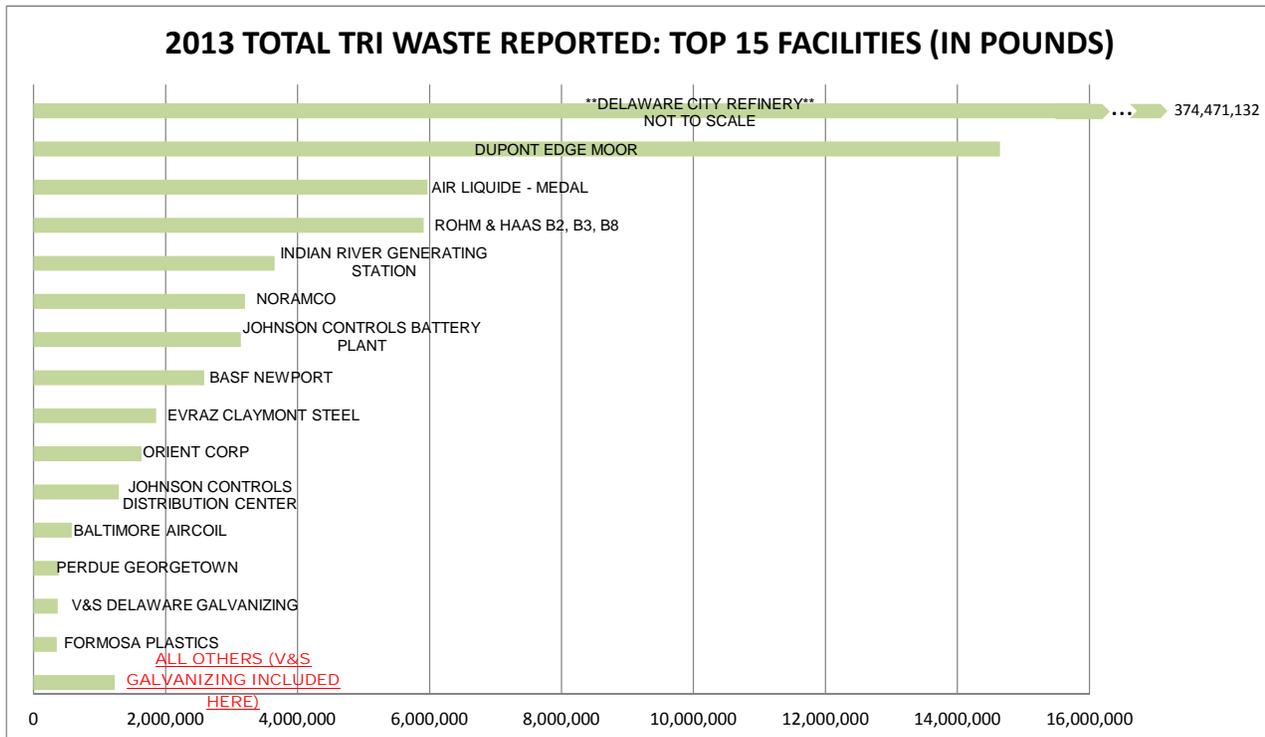
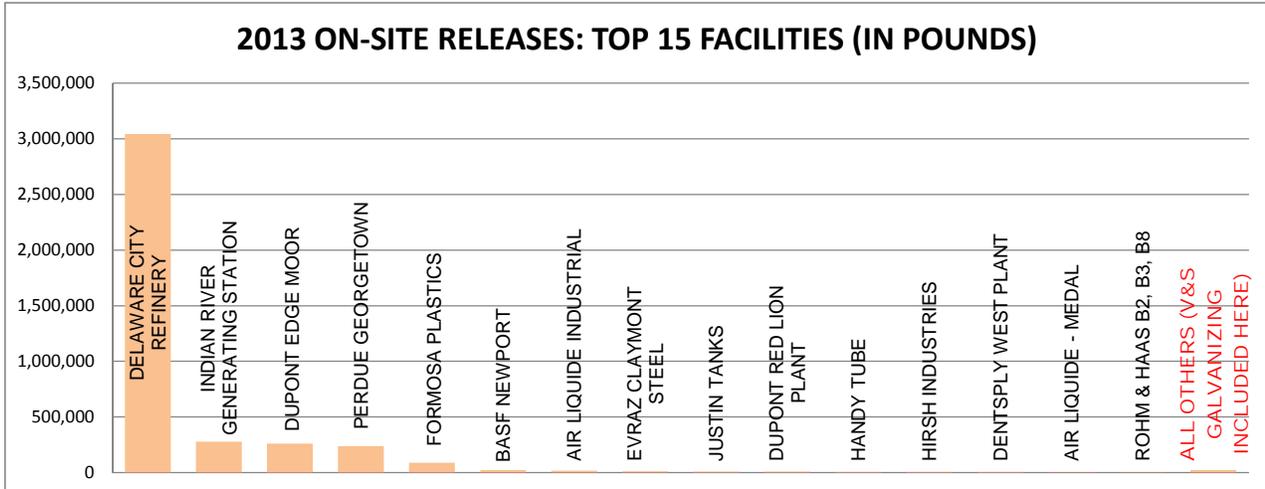




TRI FACILITY PROFILES

V & S GALVANIZING. CONT.

COMPARISON TO OTHER DELAWARE TRI FACILITIES:



NOTABLE 2013 NATIONAL RANKINGS:

V&S Galvanizing ranked 73rd in the off-site recycle of zinc compounds for fabricated metal facilities (NAICS 332) (out of 353 facilities).

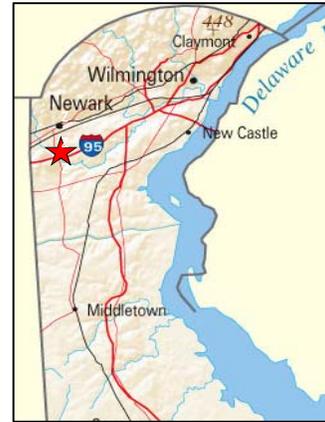
VP RACING FUELS

LOCATION/CONTACT:

Address: 16 Brookhill Drive
Newark, DE 19702

Phone: (302)-368-1500

Contact: Jim Kelly



FACILITY OVERVIEW:

VP Racing Fuels reported under the North American Industrial Classification System (NAICS) as 324199, which covers petroleum and coal products manufacturing.

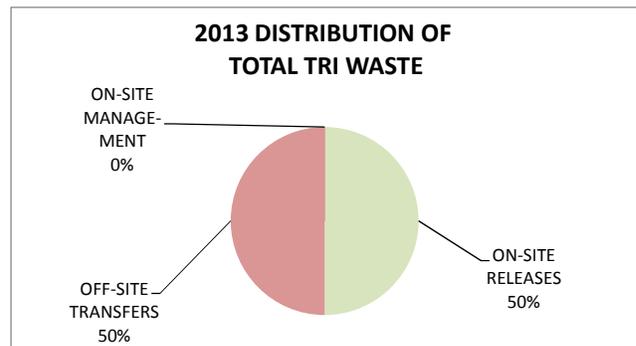
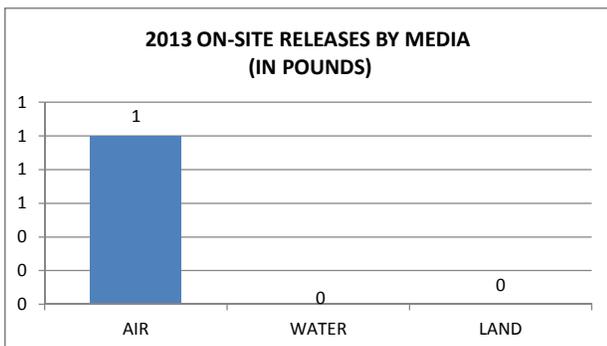
VP Racing Fuels has reported since 2001. The facility reported on 4 chemicals in 2013, with 3 chemicals being reported on the short Form A. Form A reports do not include waste management activities. (Chemicals must have less than 500 lbs of total waste activities and the total annual amount of the chemical manufactured, processed, or otherwise used does not exceed 1,000,000 pounds to be eligible to submit a Form A report.) Persistent Bio-Accumulative Toxic (PBT) Chemicals, such as lead, are ineligible for Form A.

2013 TRI DATA (REPORTED IN POUNDS):

CHEMICAL	ON-SITE RELEASES				OFF-SITE TRANSFERS	ON-SITE MANAGEMENT	PBT	CARCINOGEN
	AIR	WATER	LAND	TOTAL				
LEAD COMPOUNDS	1	0	0	1	1	0	YES	YES
METHANOL*	0	0	0	0	0	0	NO	NO
TOLUENE*	0	0	0	0	0	0	NO	NO
XYLENE (MIXED ISOMERS)*	0	0	0	0	0	0	NO	NO
TOTAL	1	0	0	1	1	0		

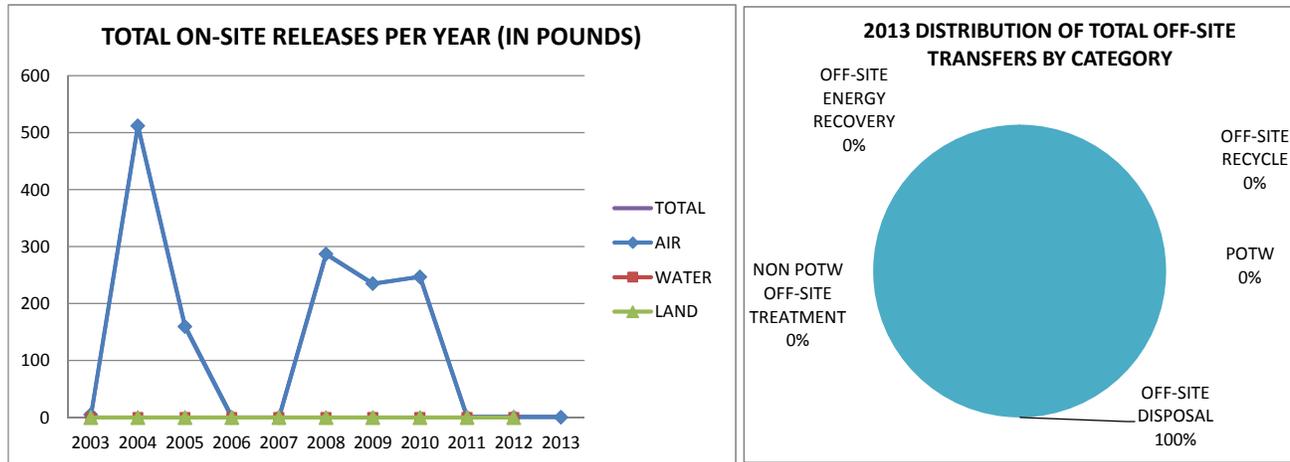
*Reported on short Form A

GRAPHICAL INFORMATION:



VP RACING FUELS, CONT.

GRAPHICAL INFORMATION CONT:



COMPARISON TO OTHER DELAWARE TRI FACILITIES:

VP Racing Fuels ranks in the bottom third in on-site releases reported by facilities in 2013. The bottom third accounted for less than a total of 300 pounds released on-site.

VP Racing Fuels ranks in the bottom third in total waste reported by facilities in 2013. The bottom third accounted for less than 31,000 pounds of total waste. Total waste includes waste released on-site, managed on-site, or transferred off-site.



EPCRA Reporting Program
Emergency Prevention and Response Section, DNREC
655 South Bay Rd., Suite 5N
Dover, DE 19901
(302) 739-9405

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